

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011122\
 Data File : VD071668.D
 Acq On : 11 Jan 2022 10:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 12 04:26:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	320200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	546724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	490980	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	224400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207393	50.337	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.680%			
35) Dibromofluoromethane	7.914	113	179181	49.591	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.180%			
50) Toluene-d8	10.332	98	706810	52.258	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.626	95	234944	49.296	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	121229	49.959	ug/l	93
3) Chloromethane	2.215	50	157190	49.397	ug/l	97
4) Vinyl Chloride	2.356	62	193016	48.482	ug/l #	89
5) Bromomethane	2.779	94	129336	48.611	ug/l	97
6) Chloroethane	2.926	64	134538	47.420	ug/l	99
7) Trichlorofluoromethane	3.279	101	273156	48.400	ug/l	99
8) Diethyl Ether	3.709	74	69516	46.832	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.109	101	160473	48.647	ug/l	100
10) Methyl Iodide	4.309	142	158050	50.111	ug/l	98
11) Tert butyl alcohol	5.215	59	54997	272.803	ug/l #	85
12) 1,1-Dichloroethene	4.073	96	138411	48.353	ug/l	95
13) Acrolein	3.926	56	73302	182.284	ug/l	99
14) Allyl chloride	4.721	41	280990	49.505	ug/l	100
15) Acrylonitrile	5.420	53	178282	227.271	ug/l	99
16) Acetone	4.156	43	240575	252.912	ug/l	99
17) Carbon Disulfide	4.415	76	353580	49.217	ug/l	97
18) Methyl Acetate	4.715	43	122963	44.973	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	346243	45.823	ug/l	98
20) Methylene Chloride	4.962	84	168933	47.923	ug/l	95
21) trans-1,2-Dichloroethene	5.473	96	160351	49.053	ug/l	98
22) Diisopropyl ether	6.362	45	590318	48.300	ug/l	96
23) Vinyl Acetate	6.303	43	1453614	254.858	ug/l	99
24) 1,1-Dichloroethane	6.267	63	335742	48.126	ug/l	99
25) 2-Butanone	7.209	43	257941	229.512	ug/l	95
26) 2,2-Dichloropropane	7.209	77	296517	50.616	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	186804	48.415	ug/l	98
28) Bromochloromethane	7.544	49	165880	48.810	ug/l	99
29) Tetrahydrofuran	7.562	42	145036	224.328	ug/l	99
30) Chloroform	7.703	83	344285	48.261	ug/l	97
31) Cyclohexane	7.985	56	282569	49.548	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	304113	48.367	ug/l	98
36) 1,1-Dichloropropene	8.114	75	250227	48.550	ug/l	99
37) Ethyl Acetate	7.291	43	105312	44.025	ug/l	96
38) Carbon Tetrachloride	8.097	117	260188	49.849	ug/l	93
39) Methylcyclohexane	9.350	83	277875	49.914	ug/l	96
40) Benzene	8.350	78	690216	48.604	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 01/12/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	54328	37.135	ug/l #	81
42) 1,2-Dichloroethane	8.420	62	220657	45.903	ug/l	97
43) Isopropyl Acetate	8.450	43	210967	46.852	ug/l	98
44) Trichloroethene	9.108	130	169835	46.472	ug/l	94
45) 1,2-Dichloropropane	9.385	63	185719	48.379	ug/l	96
46) Dibromomethane	9.473	93	91779	46.710	ug/l	98
47) Bromodichloromethane	9.656	83	260575	48.303	ug/l	99
48) Methyl methacrylate	9.450	41	104698	46.012	ug/l	95
49) 1,4-Dioxane	9.456	88	18295	928.720	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	551269	231.774	ug/l	98
52) Toluene	10.403	92	440633	49.295	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	232973	49.231	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	272275	48.798	ug/l	98
55) 1,1,2-Trichloroethane	10.797	97	124421	48.303	ug/l	98
56) Ethyl methacrylate	10.655	69	152735	48.374	ug/l	97
57) 1,3-Dichloropropane	10.944	76	220387	46.300	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	412933	236.909	ug/l	99
59) 2-Hexanone	10.979	43	406454	244.668	ug/l	98
60) Dibromochloromethane	11.138	129	156976	47.877	ug/l	96
61) 1,2-Dibromoethane	11.244	107	113228	45.945	ug/l	99
64) Tetrachloroethene	10.873	164	142004	49.238	ug/l	95
65) Chlorobenzene	11.661	112	455028	48.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	169384	47.547	ug/l	99
67) Ethyl Benzene	11.738	91	878134	50.911	ug/l	99
68) m/p-Xylenes	11.850	106	666863	103.952	ug/l	97
69) o-Xylene	12.173	106	310191	51.087	ug/l	97
70) Styrene	12.191	104	529943	50.919	ug/l	99
71) Bromoform	12.350	173	84315	48.471	ug/l #	100
73) Isopropylbenzene	12.473	105	860431	53.356	ug/l	99
74) N-amyl acetate	12.279	43	198887	50.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	133782	46.817	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	115932m	53.466	ug/l	
77) Bromobenzene	12.755	156	175276	50.318	ug/l	98
78) n-propylbenzene	12.814	91	1071045	52.810	ug/l	100
79) 2-Chlorotoluene	12.902	91	585373	51.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	701459	52.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	39922	51.329	ug/l	94
82) 4-Chlorotoluene	12.997	91	609670	51.410	ug/l	100
83) tert-Butylbenzene	13.214	119	603850	52.448	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	702192	52.699	ug/l	99
85) sec-Butylbenzene	13.391	105	945607	53.623	ug/l	99
86) p-Isopropyltoluene	13.508	119	778048	53.739	ug/l	100
87) 1,3-Dichlorobenzene	13.508	146	363097	50.510	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	357799	48.787	ug/l	99
89) n-Butylbenzene	13.832	91	773508	53.348	ug/l	99
90) Hexachloroethane	14.096	117	151956	53.048	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	307342	49.886	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	21907	47.698	ug/l	97
93) 1,2,4-Trichlorobenzene	15.149	180	182663	51.446	ug/l	100
94) Hexachlorobutadiene	15.255	225	106711	51.267	ug/l	99
95) Naphthalene	15.385	128	324262	51.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.579	180	156137	51.608	ug/l	99

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ClientSampleId :
VSTDCCC050

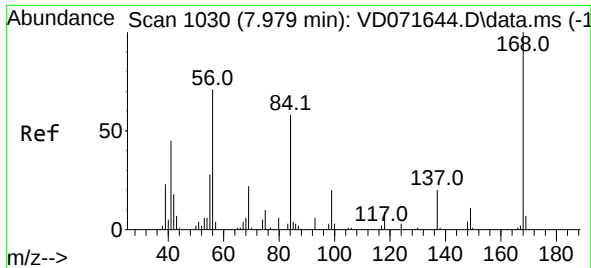
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/12/2022

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 07 15:39:14 2022
Response via : Initial Calibration

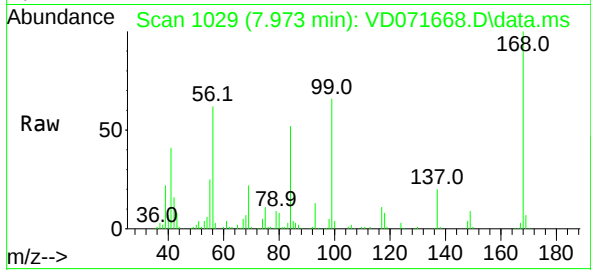
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

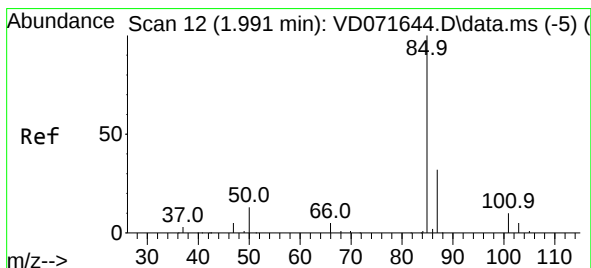
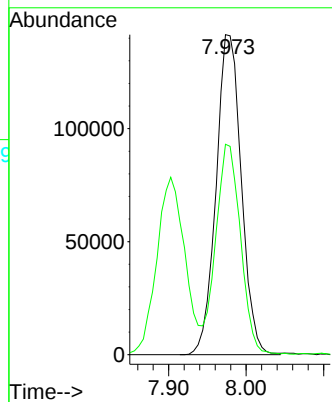
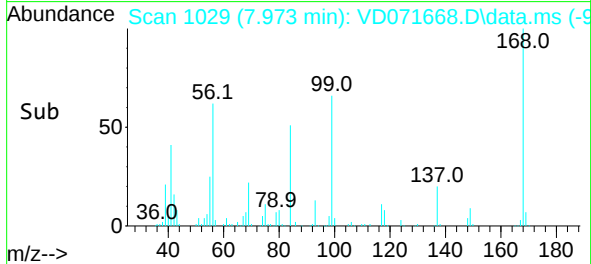
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 320200
Ion Ratio Lower Upper
168 100
99 65.5 51.8 77.6

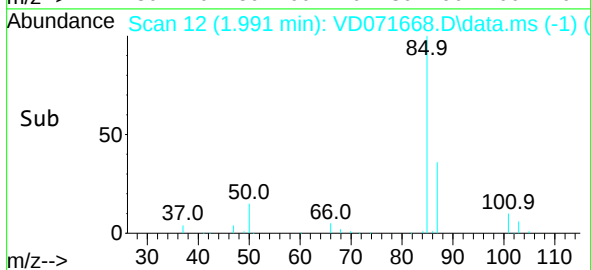
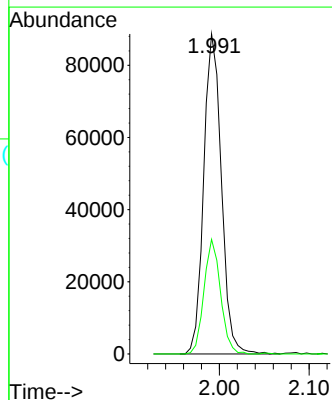
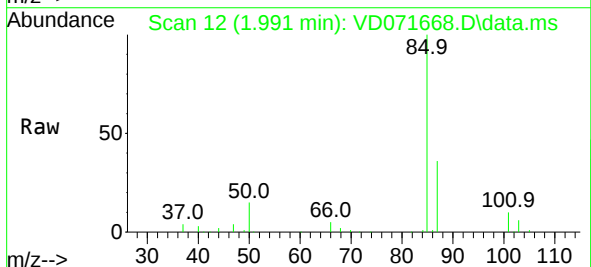
Manual Integrations
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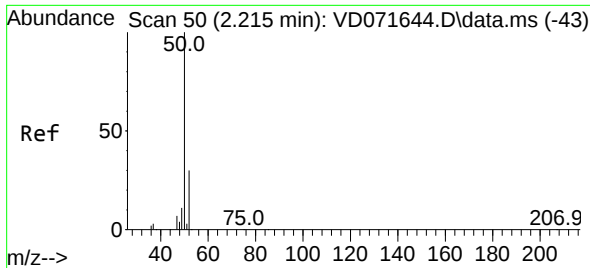
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#2
Dichlorodifluoromethane
Concen: 49.959 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

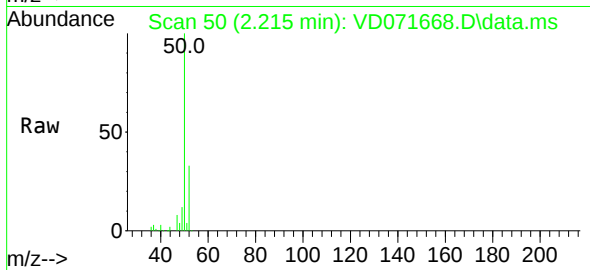
Tgt Ion: 85 Resp: 121229
Ion Ratio Lower Upper
85 100
87 35.8 15.9 47.6





#3
Chloromethane
Concen: 49.397 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

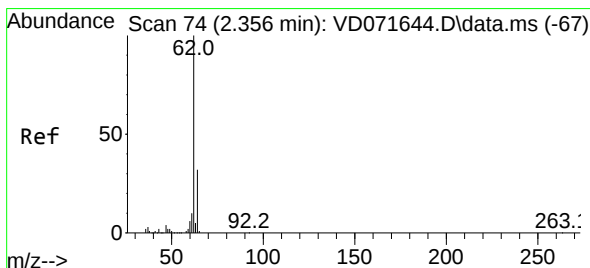
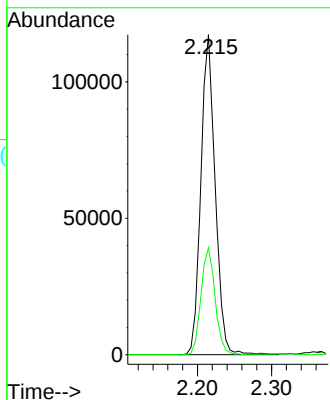
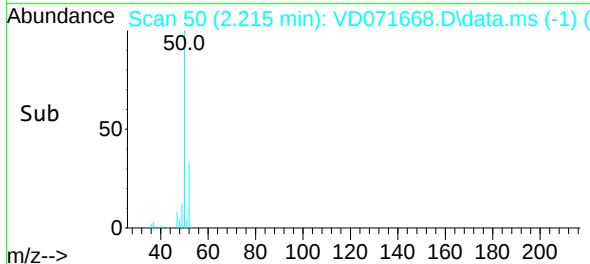
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



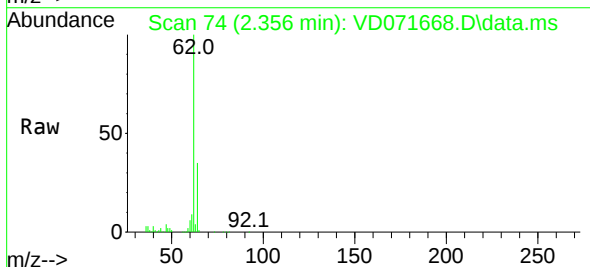
Tgt Ion: 50 Resp: 157190
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.0

Manual Integrations
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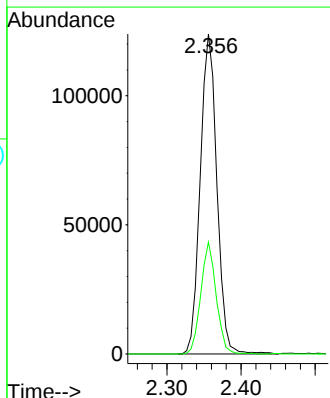
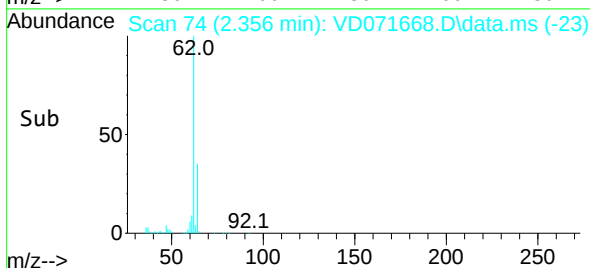
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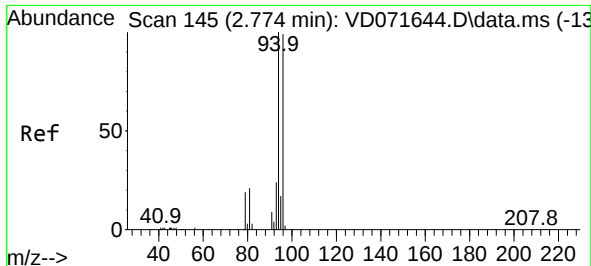


#4
Vinyl Chloride
Concen: 48.482 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



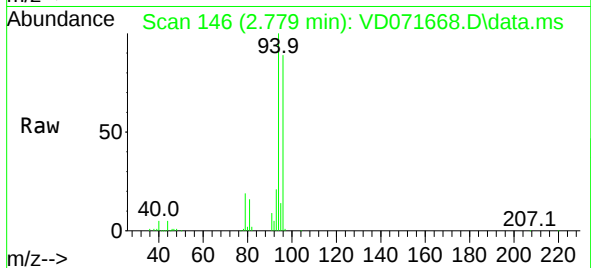
Tgt Ion: 62 Resp: 193016
Ion Ratio Lower Upper
62 100
64 35.0 23.2 34.8





#5
Bromomethane
Concen: 48.611 ug/l
RT: 2.779 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

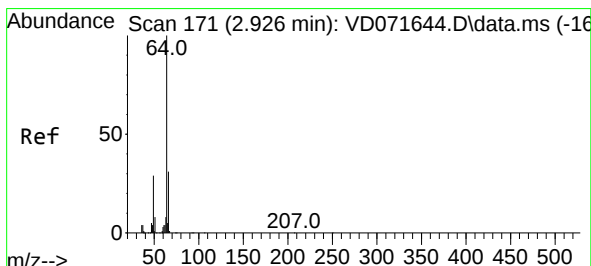
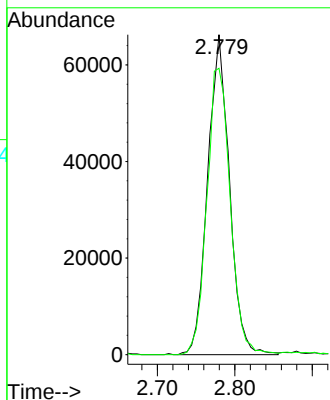
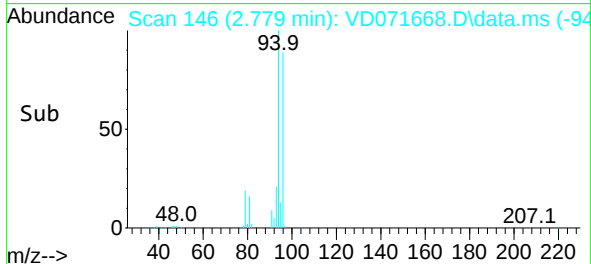
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



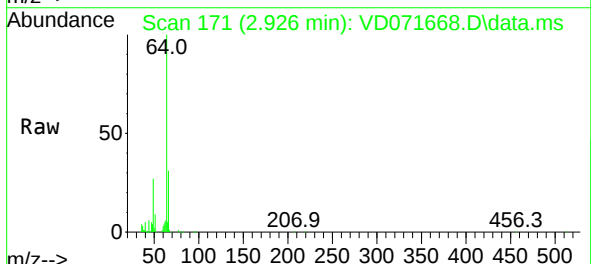
Tgt Ion: 94 Resp: 129336
Ion Ratio Lower Upper
94 100
96 89.5 73.7 110.5

Manual Integrations
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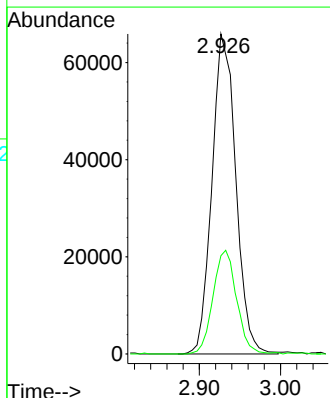
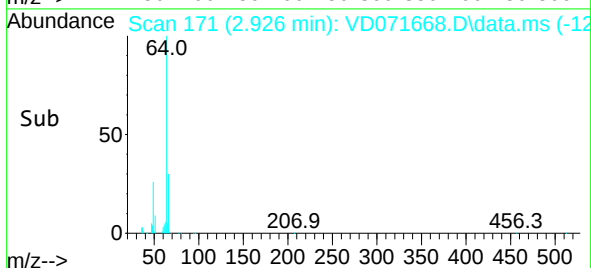
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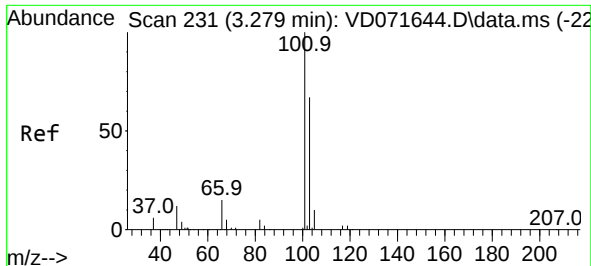


#6
Chloroethane
Concen: 47.420 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion: 64 Resp: 134538
Ion Ratio Lower Upper
64 100
66 30.7 24.2 36.2





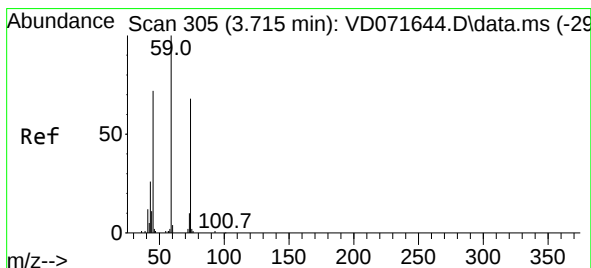
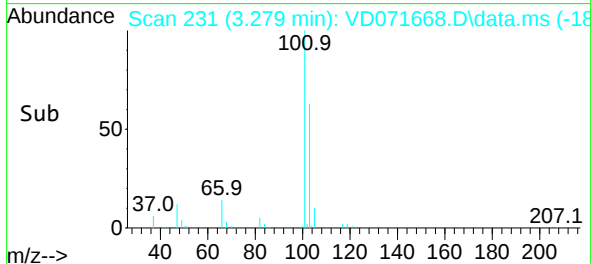
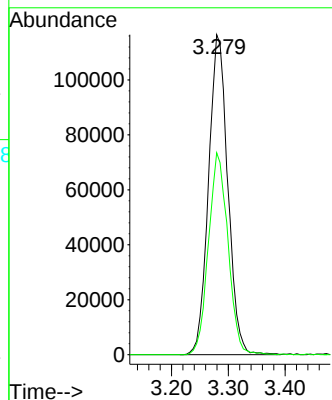
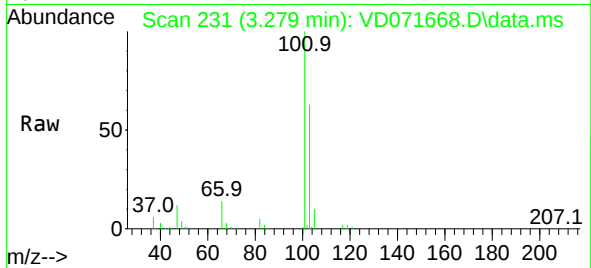
#7
Trichlorofluoromethane
Concen: 48.400 ug/l
RT: 3.279 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 27315
Ion Ratio Lower Upper
101 100
103 63.1 49.8 74.6

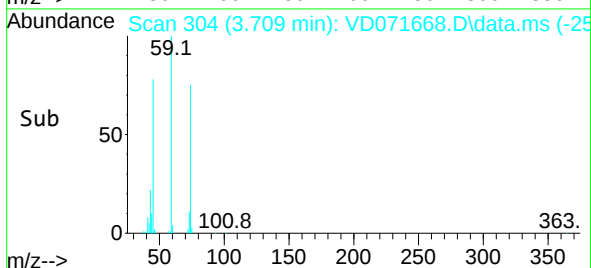
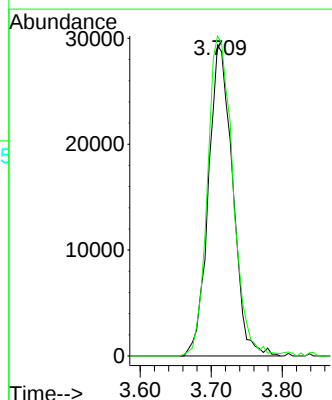
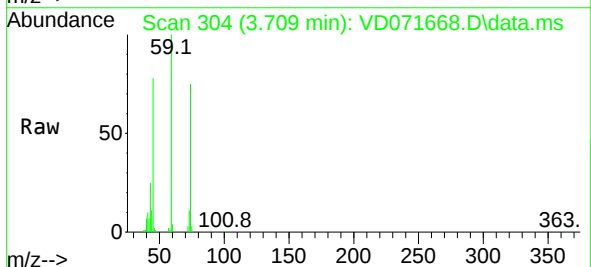
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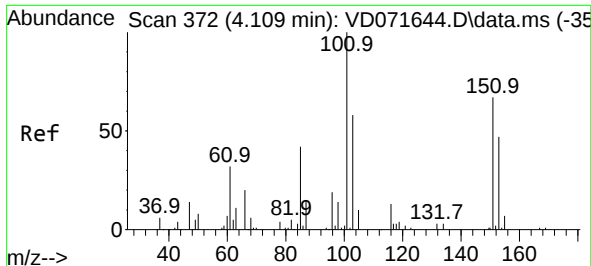
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#8
Diethyl Ether
Concen: 46.832 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

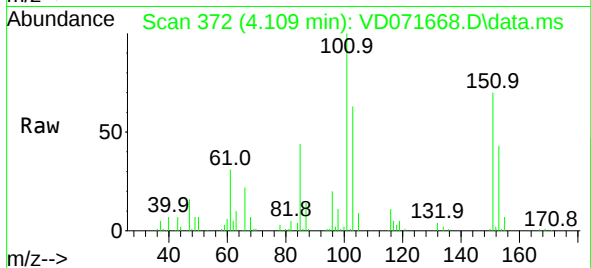
Tgt Ion: 74 Resp: 69516
Ion Ratio Lower Upper
74 100
45 108.1 56.5 169.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.647 ug/l
RT: 4.109 min Scan# 372
Delta R.T. 0.007 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

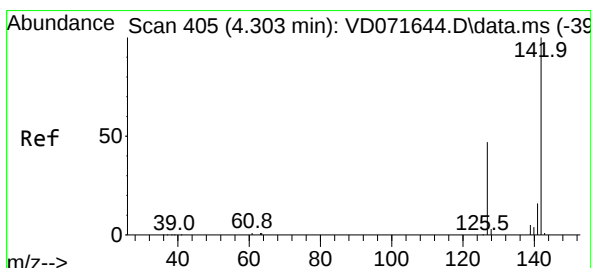
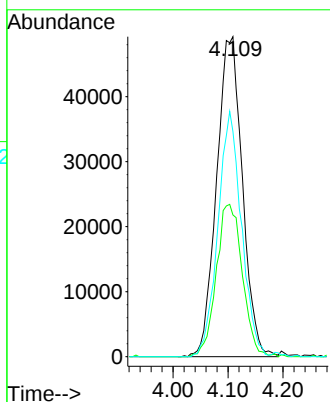
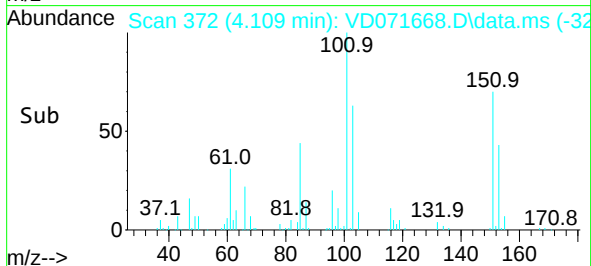
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



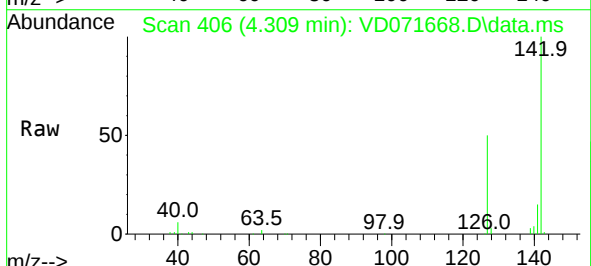
Tgt Ion:101 Resp: 16047
Ion Ratio Lower Upper
101 100
85 48.0 38.7 58.1
151 69.9 56.2 84.2

Manual Integrations
APPROVED

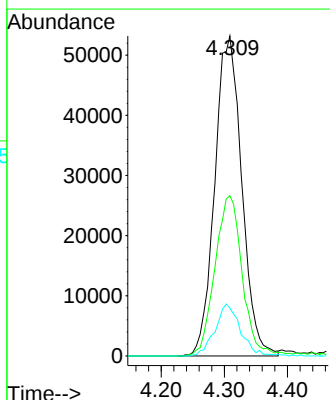
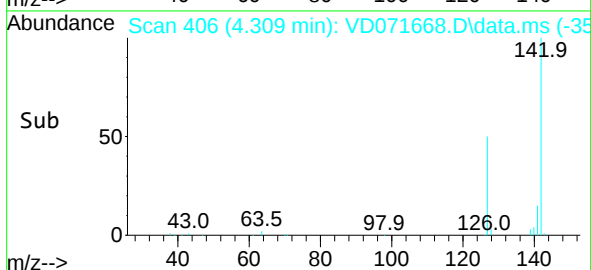
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

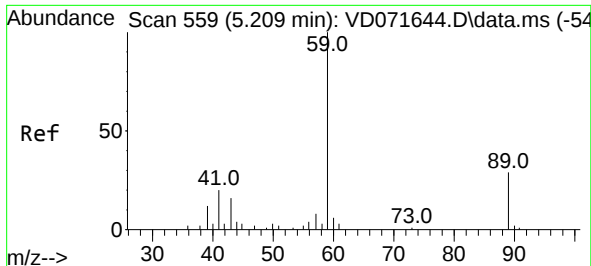


#10
Methyl Iodide
Concen: 50.111 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion:142 Resp: 158050
Ion Ratio Lower Upper
142 100
127 50.7 39.4 59.2
141 15.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 272.803 ug/l

RT: 5.215 min Scan# 5

Delta R.T. 0.007 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 5499

Ion Ratio Lower Upper

59 100

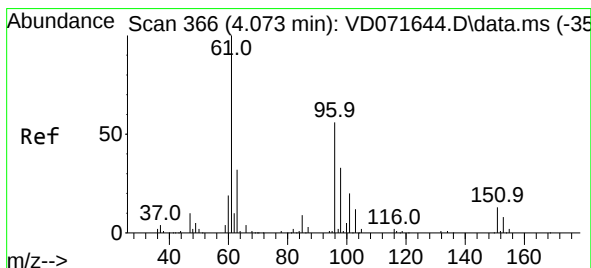
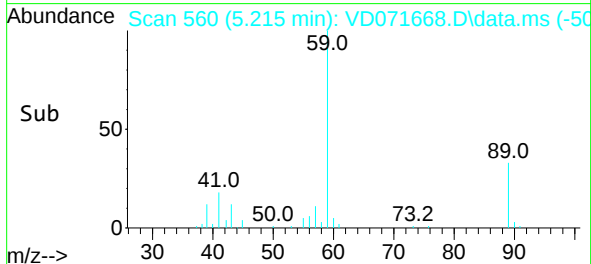
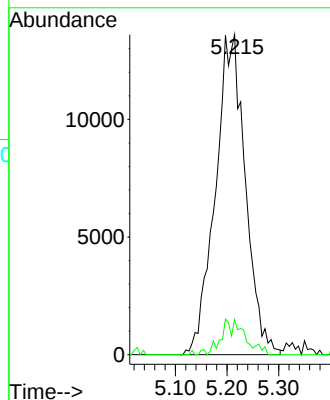
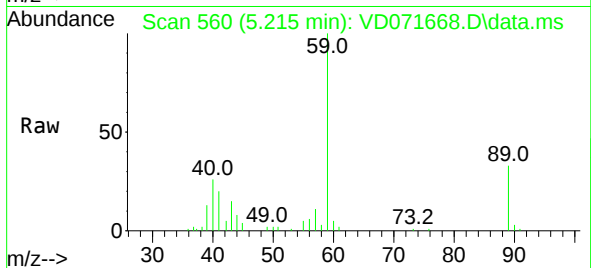
57 3.8 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#12

1,1-Dichloroethene

Concen: 48.353 ug/l

RT: 4.073 min Scan# 366

Delta R.T. -0.006 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

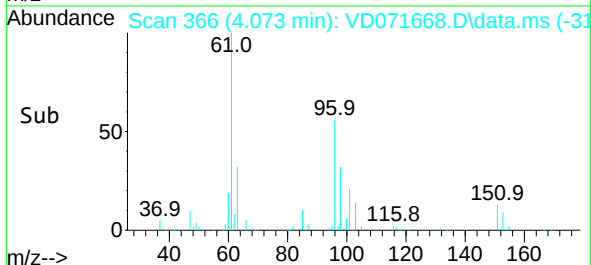
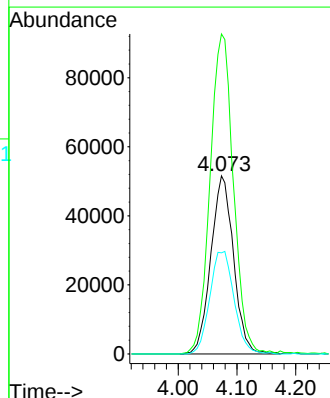
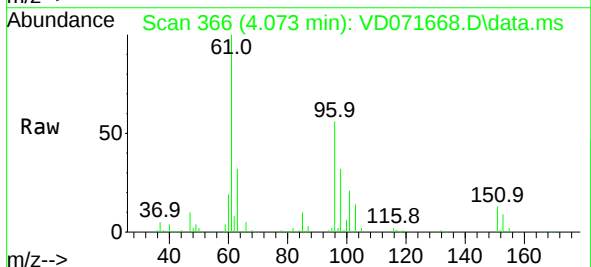
Tgt Ion: 96 Resp: 138411

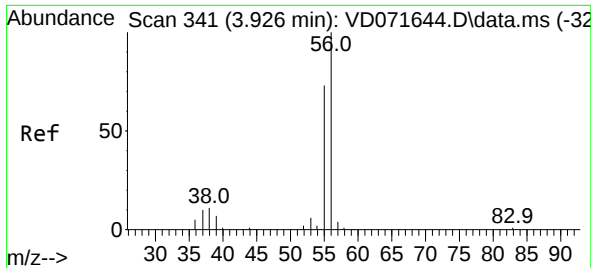
Ion Ratio Lower Upper

96 100

61 179.6 137.8 206.8

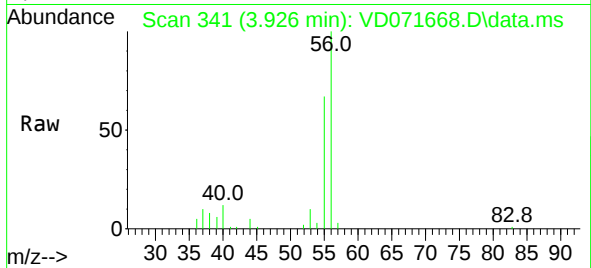
98 56.8 48.3 72.5





#13
Acrolein
Concen: 182.284 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

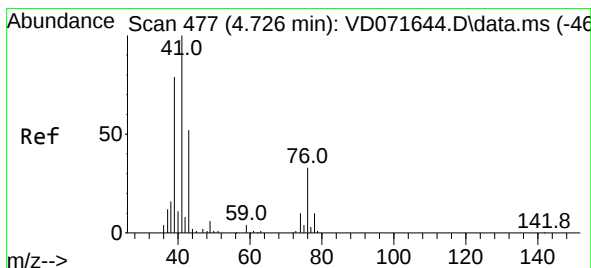
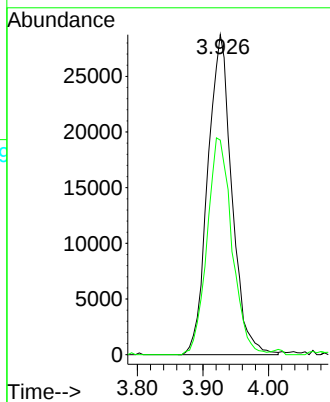
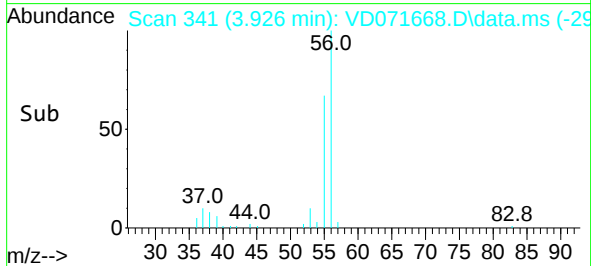
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



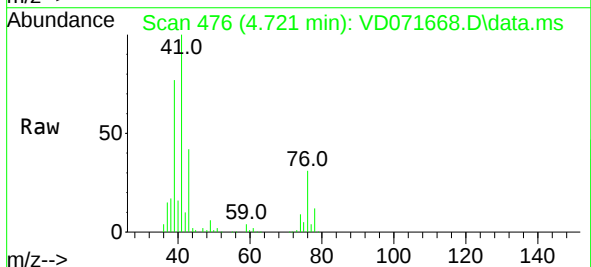
Tgt Ion: 56 Resp: 73302
Ion Ratio Lower Upper
56 100
55 70.0 56.9 85.3

Manual Integrations
APPROVED

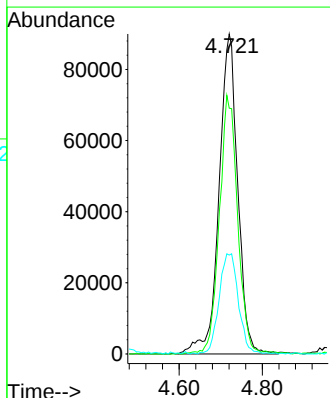
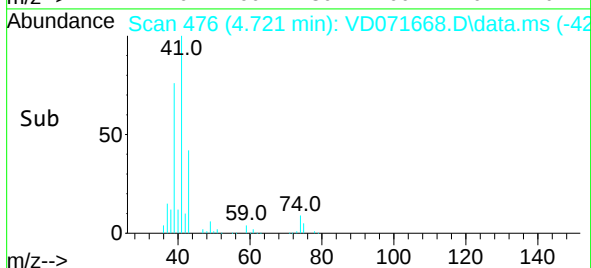
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

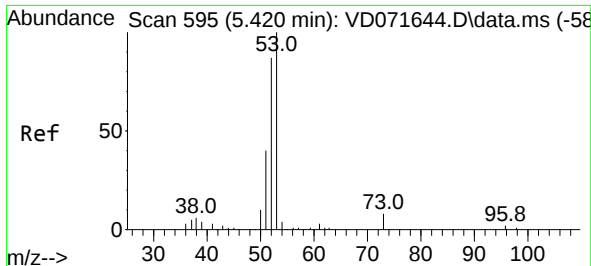


#14
Allyl chloride
Concen: 49.505 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



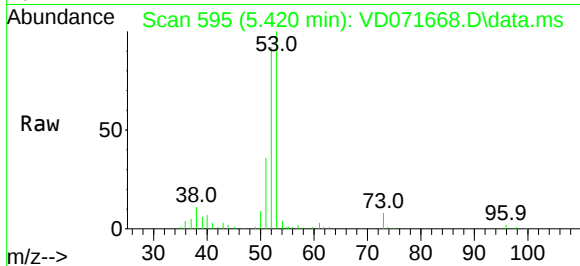
Tgt Ion: 41 Resp: 280990
Ion Ratio Lower Upper
41 100
39 79.3 63.2 94.8
76 32.4 25.8 38.6





#15
Acrylonitrile
Concen: 227.271 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

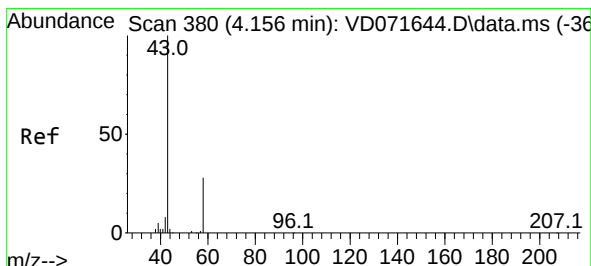
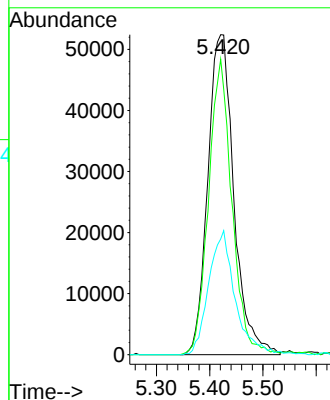
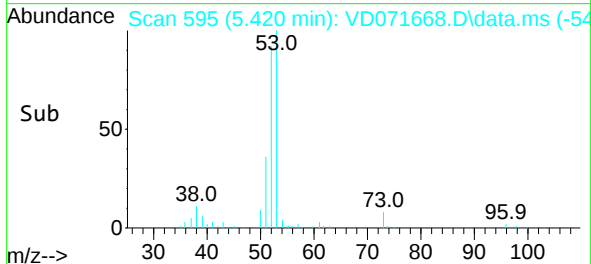
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



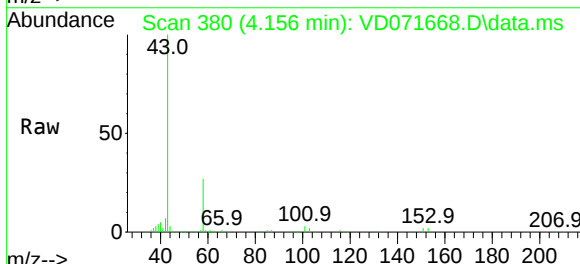
Tgt Ion: 53 Resp: 17828
Ion Ratio Lower Upper
53 100
52 82.7 65.6 98.4
51 39.4 31.2 46.8

Manual Integrations
APPROVED

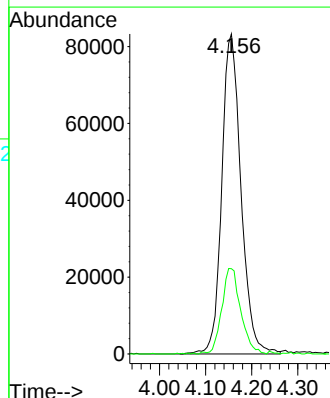
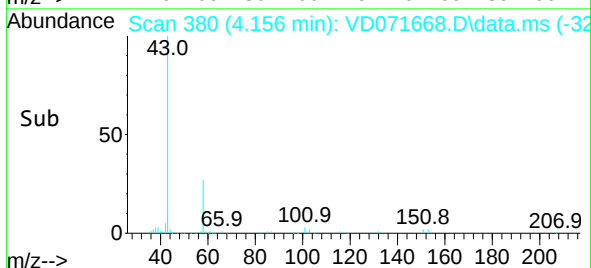
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

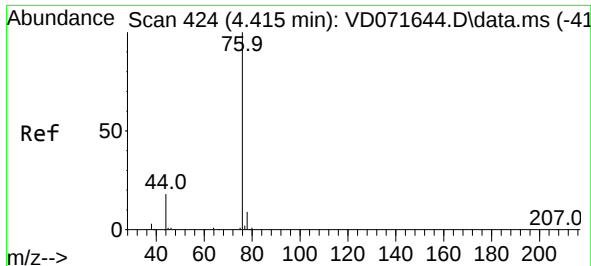


#16
Acetone
Concen: 252.912 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



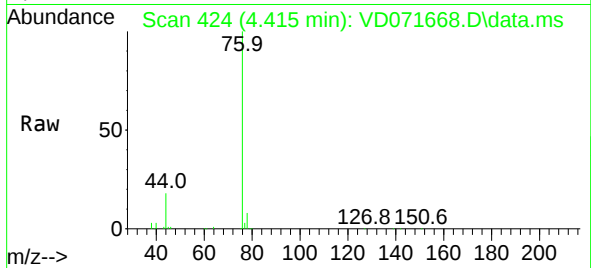
Tgt Ion: 43 Resp: 240575
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6





#17
Carbon Disulfide
Concen: 49.217 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

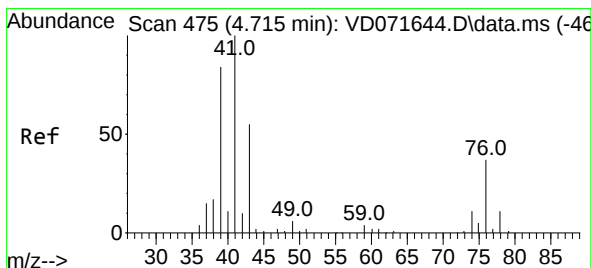
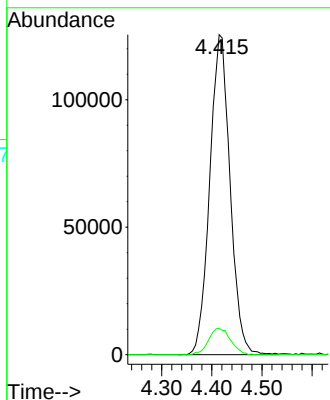
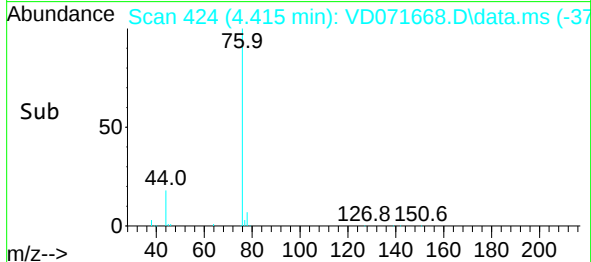
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 353580
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.2

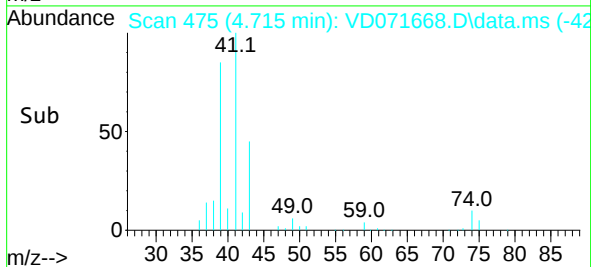
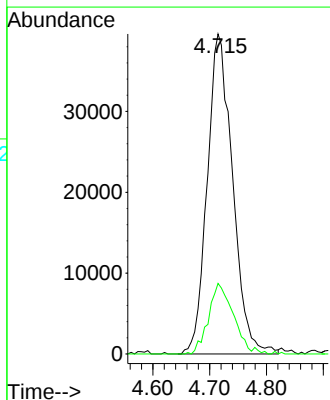
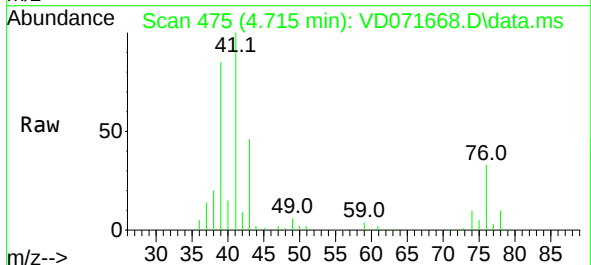
Manual Integrations
APPROVED

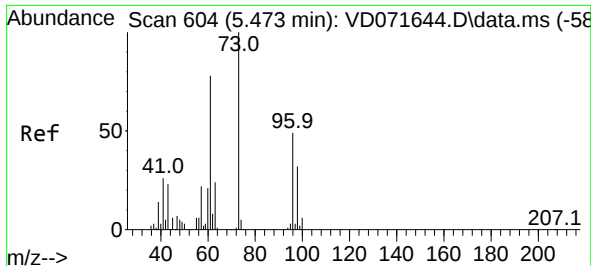
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#18
Methyl Acetate
Concen: 44.973 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

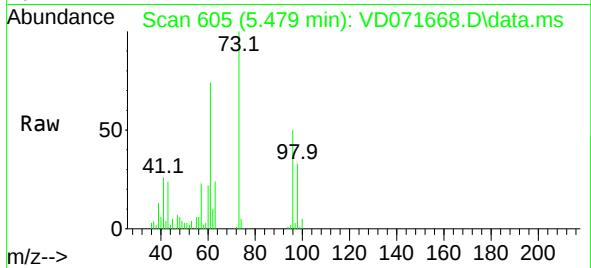
Tgt Ion: 43 Resp: 122963
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 45.823 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

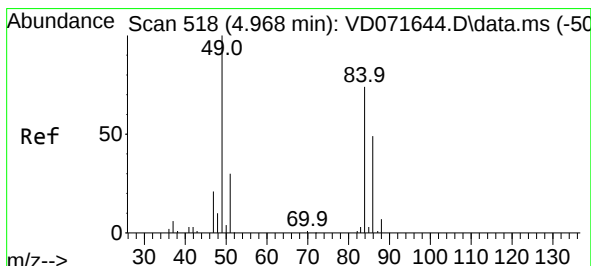
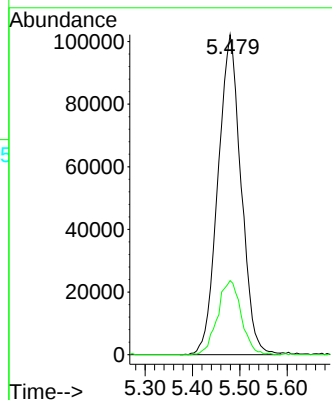
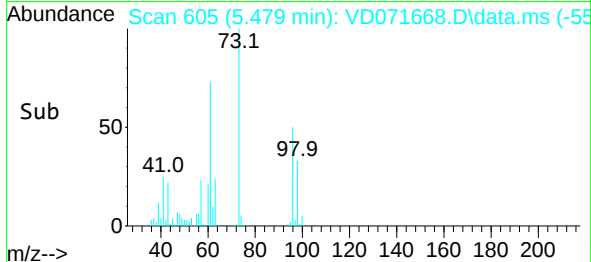
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 34624
Ion Ratio Lower Upper
73 100
57 23.1 19.2 28.8

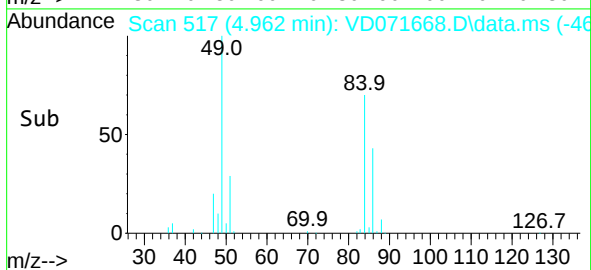
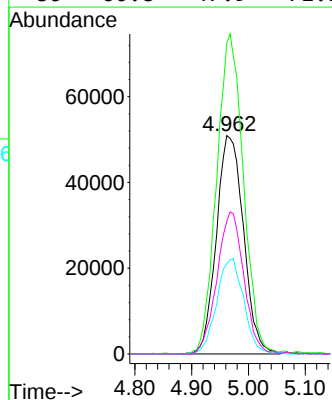
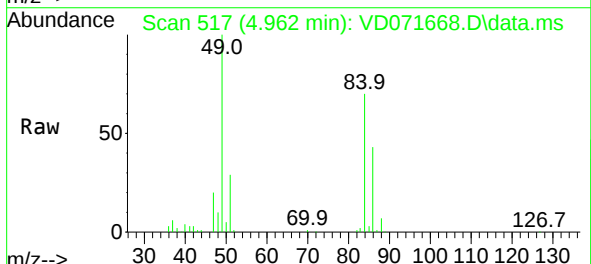
Manual Integrations
APPROVED

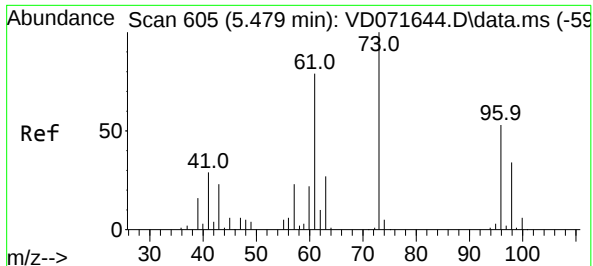
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 47.923 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

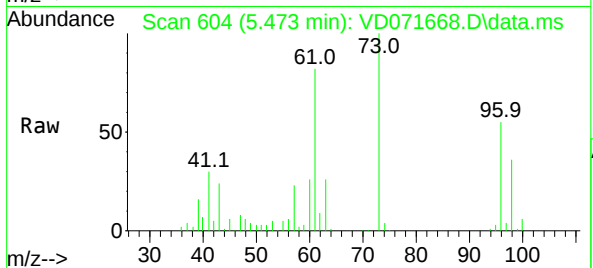
Tgt Ion: 84 Resp: 168933
Ion Ratio Lower Upper
84 100
49 142.3 118.6 178.0
51 41.3 37.8 56.6
86 60.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 49.053 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

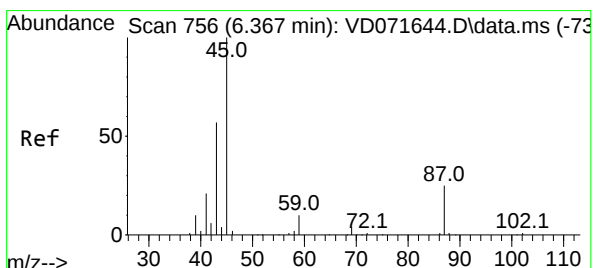
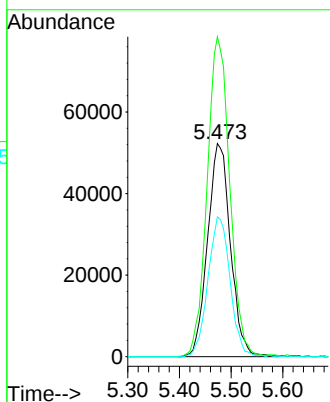
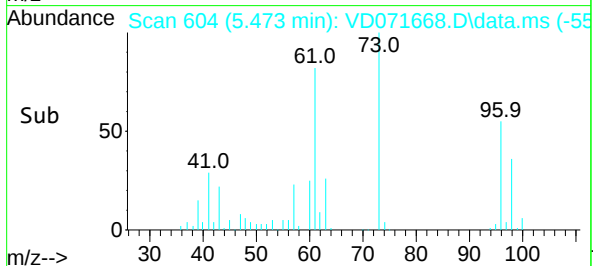
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 16035
Ion Ratio Lower Upper
96 100
61 150.1 119.4 179.0
98 65.6 49.3 73.9

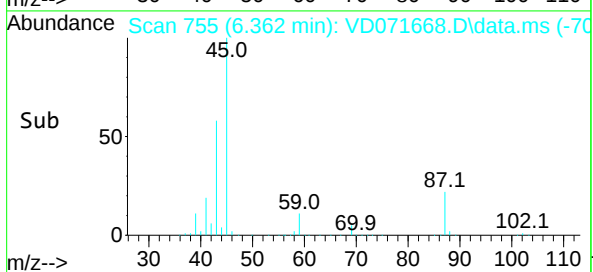
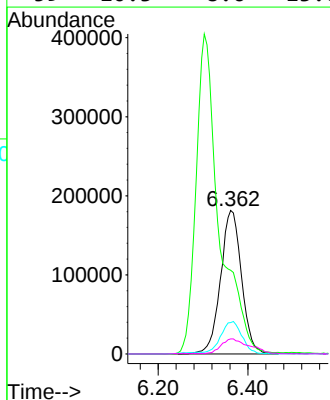
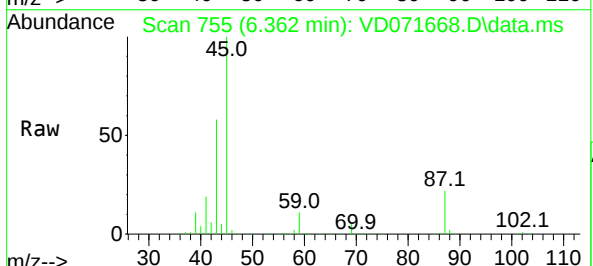
Manual Integrations
APPROVED

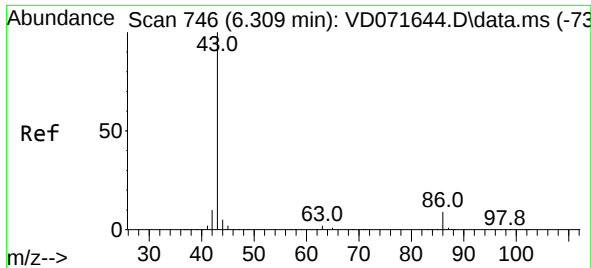
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#22
Diisopropyl ether
Concen: 48.300 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

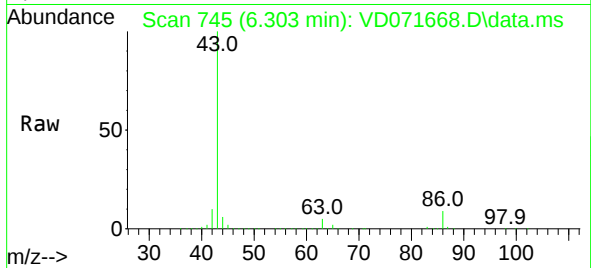
Tgt Ion: 45 Resp: 590318
Ion Ratio Lower Upper
45 100
43 57.5 43.0 64.6
87 21.8 19.0 28.4
59 10.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 254.858 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.005 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36

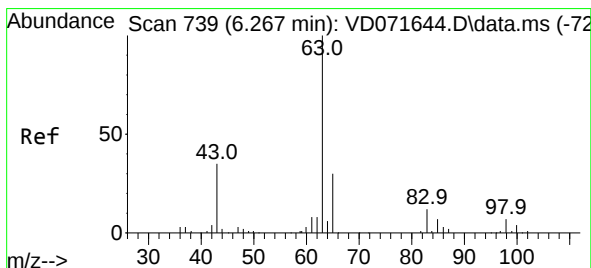
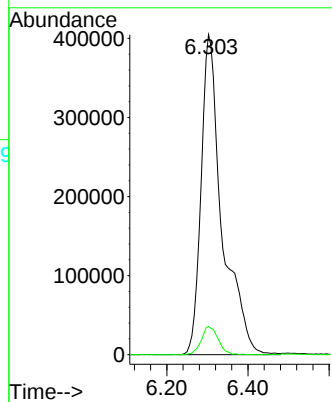
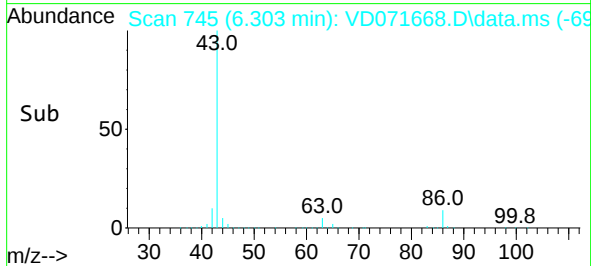
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



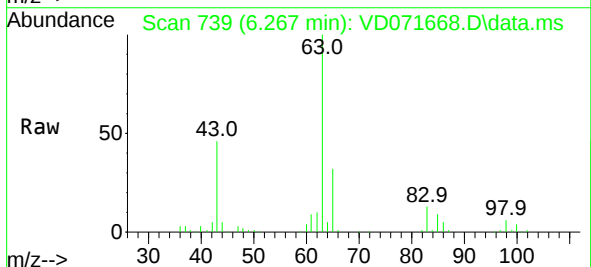
Tgt Ion: 43 Resp: 1453614
 Ion Ratio Lower Upper
 43 100
 86 8.7 6.7 10.1

Manual Integrations
 APPROVED

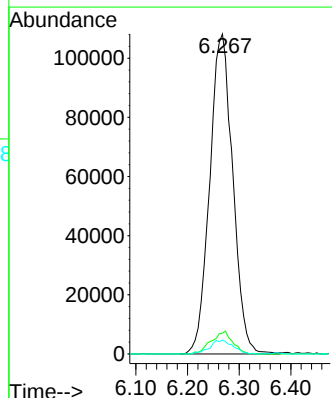
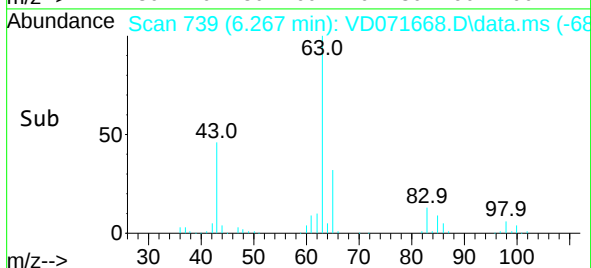
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

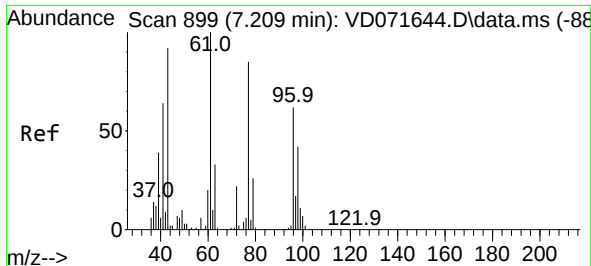


#24
 1,1-Dichloroethane
 Concen: 48.126 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36



Tgt Ion: 63 Resp: 335742
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.3 2.5 7.5





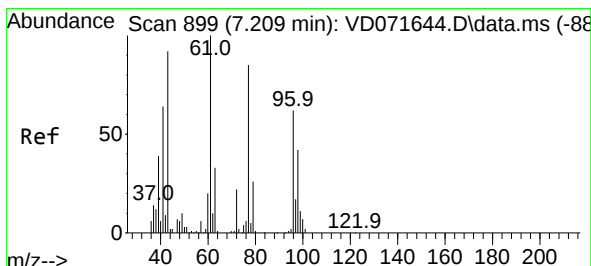
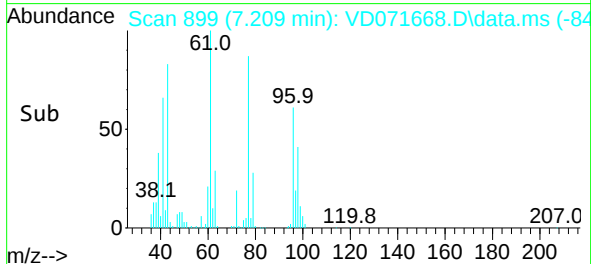
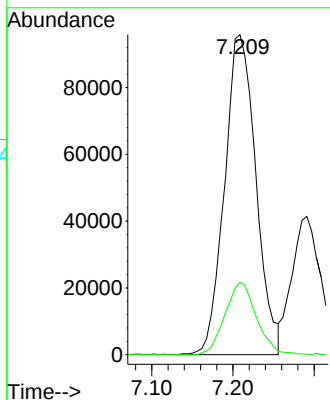
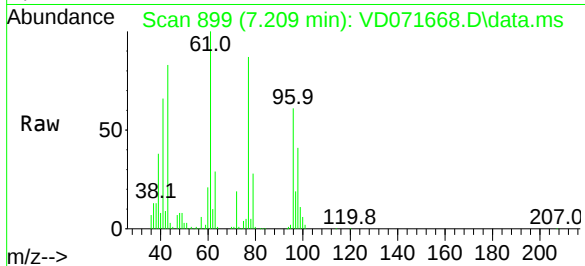
#25
2-Butanone
Concen: 229.512 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25794
Ion Ratio Lower Upper
43 100
72 22.6 16.4 24.6

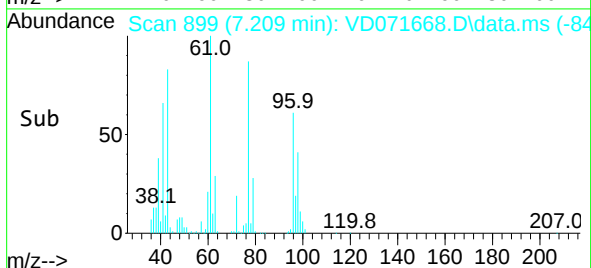
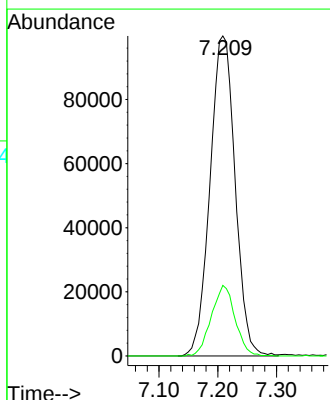
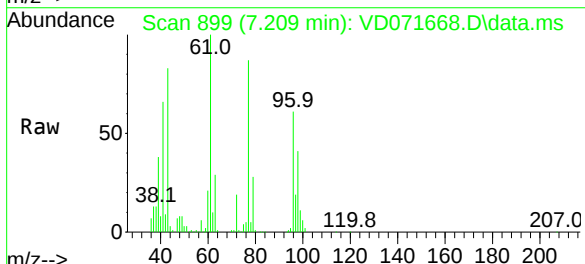
Manual Integrations
APPROVED

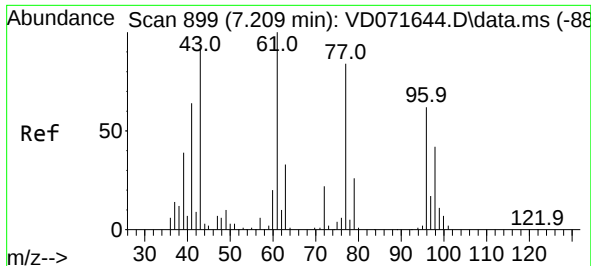
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#26
2,2-Dichloropropane
Concen: 50.616 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Tgt Ion: 77 Resp: 296517
Ion Ratio Lower Upper
77 100
97 20.9 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 48.415 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.000 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 186804

Ion Ratio Lower Upper

96 100

61 165.4 0.0 322.8

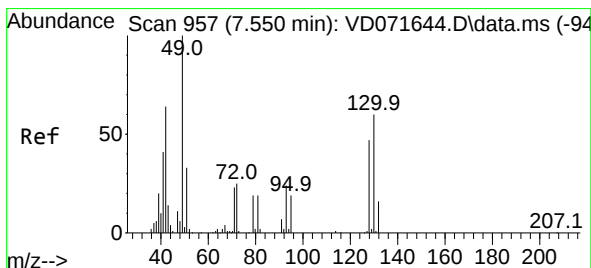
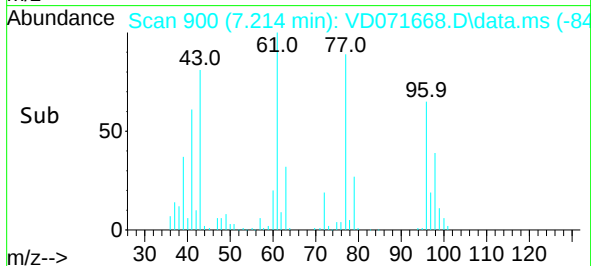
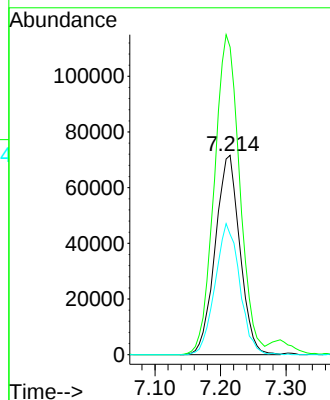
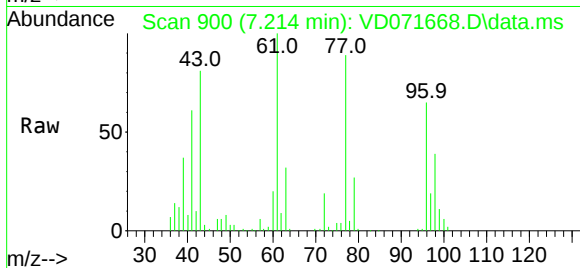
98 65.7 0.0 130.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#28

Bromochloromethane

Concen: 48.810 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.005 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

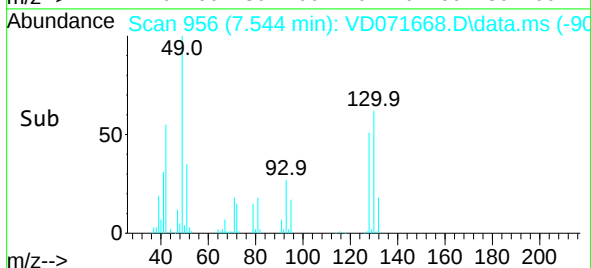
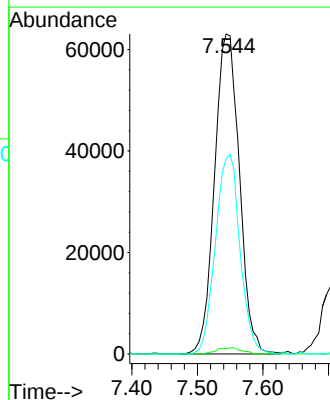
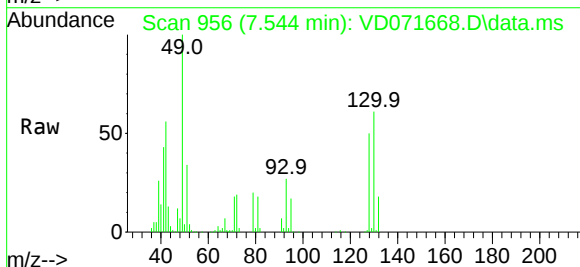
Tgt Ion: 49 Resp: 165880

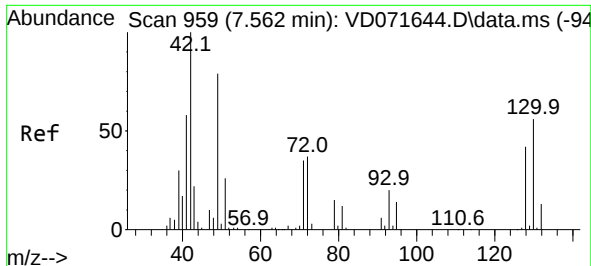
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 61.6 48.9 73.3





#29

Tetrahydrofuran

Concen: 224.328 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14503

Ion Ratio Lower Upper

42 100

72 37.2 29.6 44.4

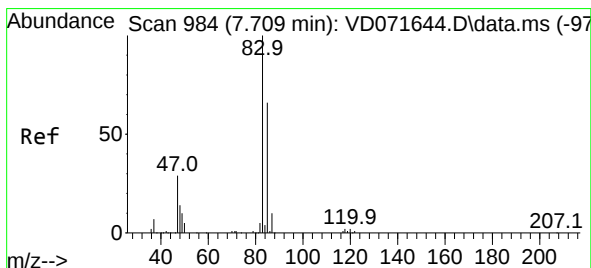
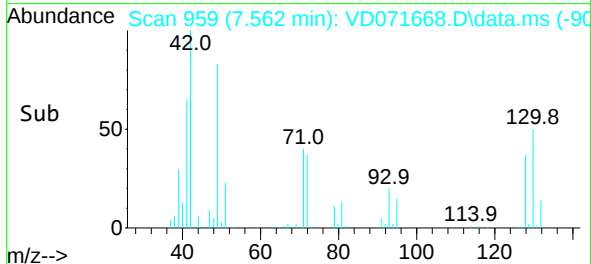
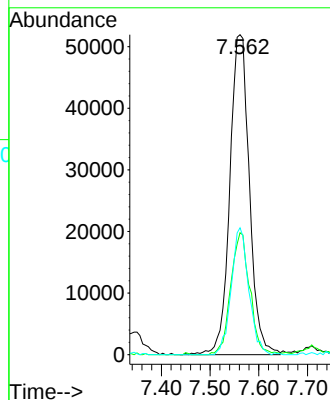
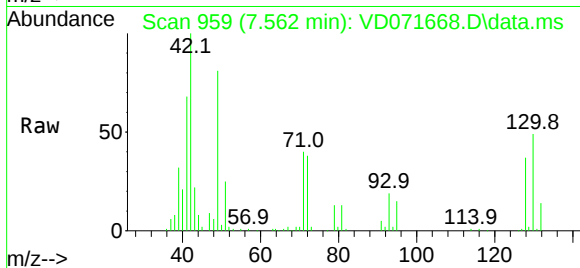
71 35.4 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 48.261 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.011 min

Lab File: VD071668.D

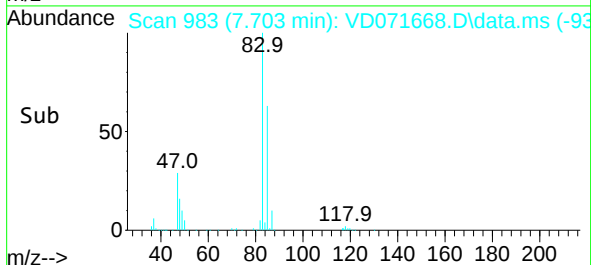
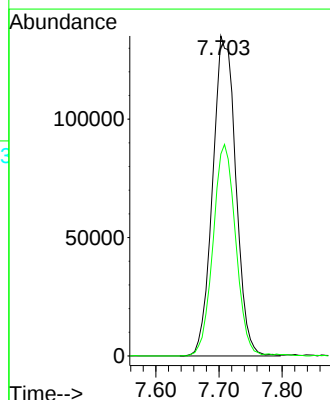
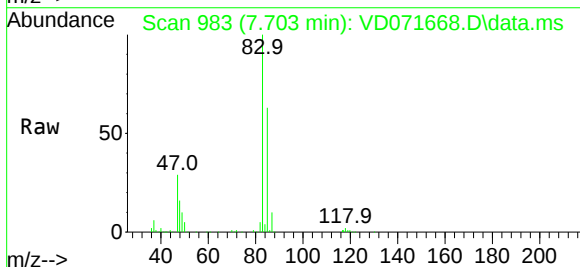
Acq: 11 Jan 2022 10:36

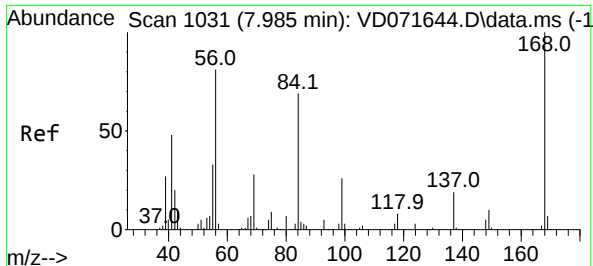
Tgt Ion: 83 Resp: 344285

Ion Ratio Lower Upper

83 100

85 63.1 52.4 78.6





#31

Cyclohexane

Concen: 49.548 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD071668.D

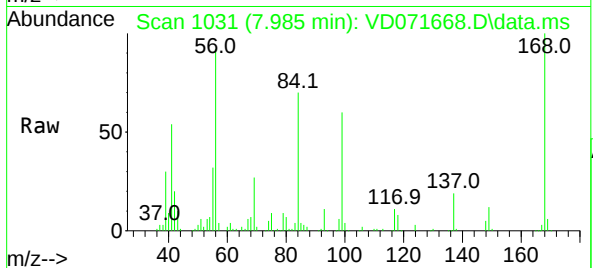
Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 282569

Ion Ratio Lower Upper

56 100

69 29.8 21.7 32.5

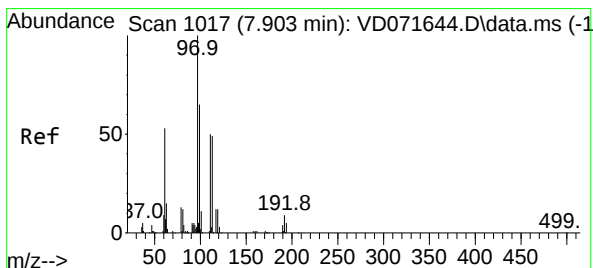
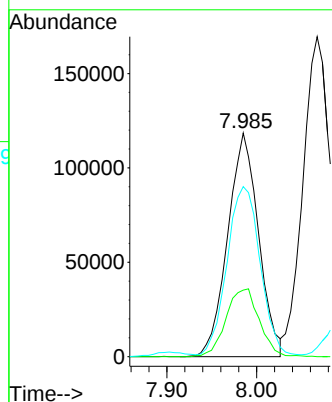
84 74.3 65.7 98.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#32

1,1,1-Trichloroethane

Concen: 48.367 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

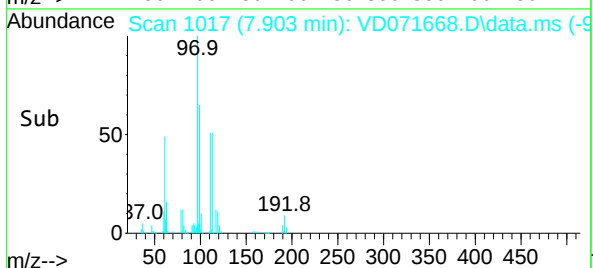
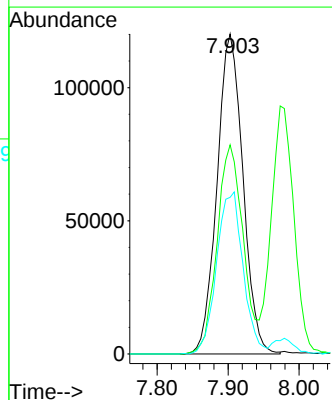
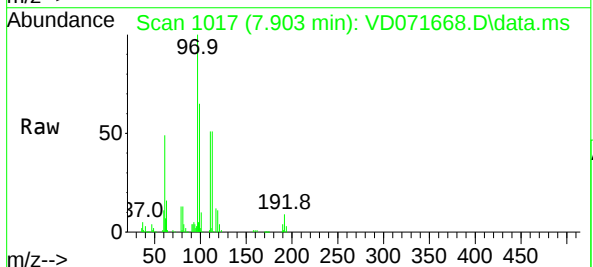
Tgt Ion: 97 Resp: 304113

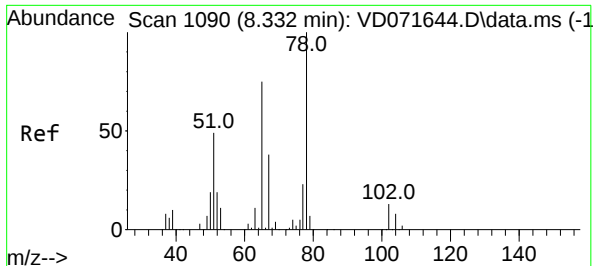
Ion Ratio Lower Upper

97 100

99 66.1 51.8 77.6

61 51.9 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 50.337 ug/l

RT: 8.326 min Scan# 1090

Delta R.T. -0.006 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20739

Ion Ratio Lower Upper

65 100

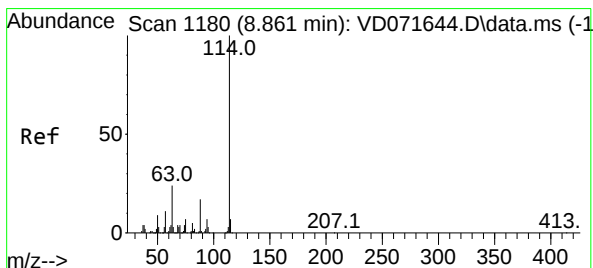
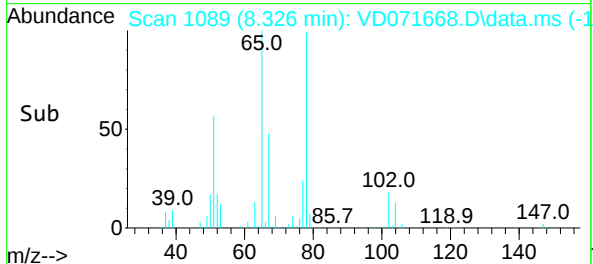
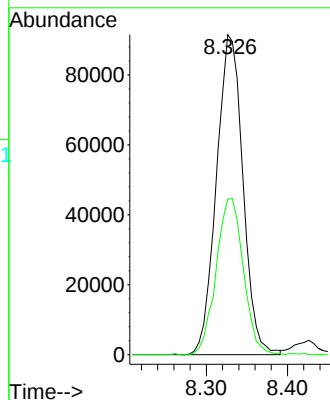
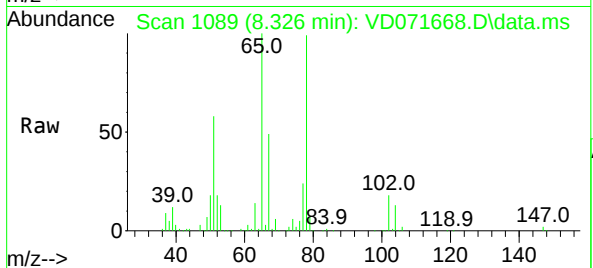
67 50.2 0.0 101.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

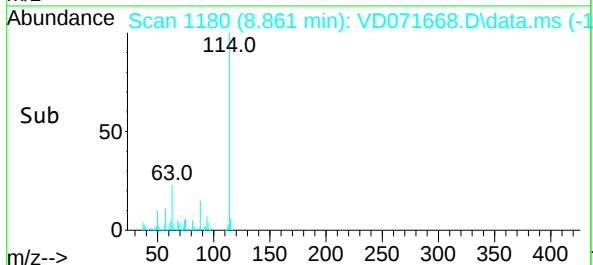
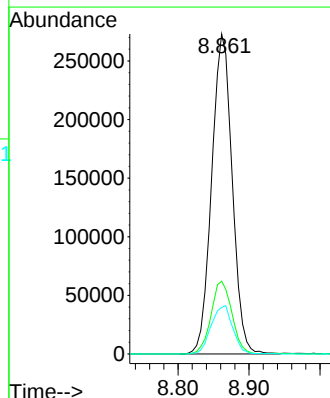
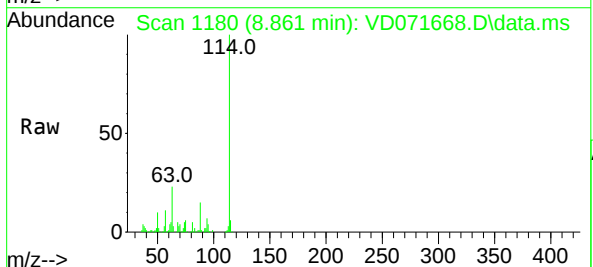
Tgt Ion:114 Resp: 546724

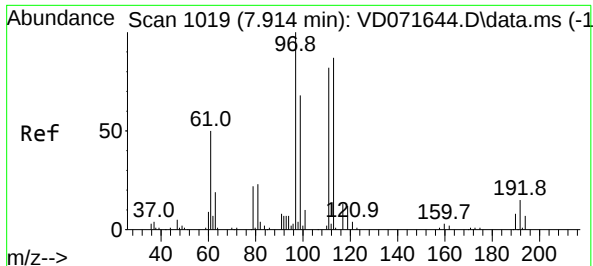
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 14.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 17918

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.4

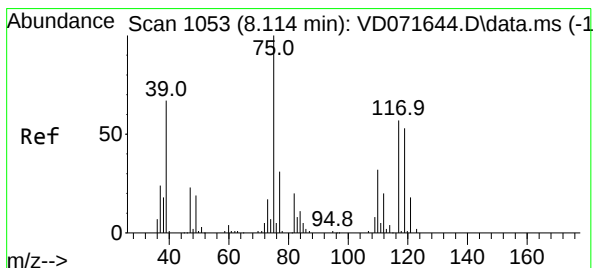
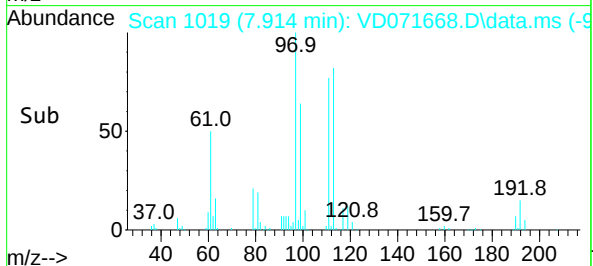
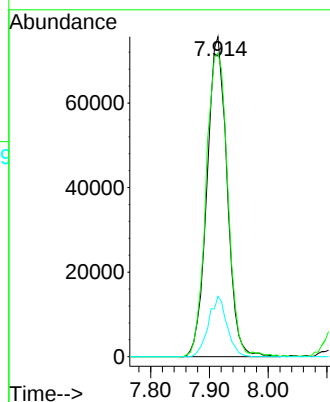
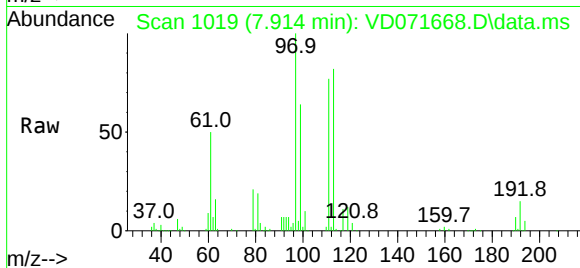
192 17.3 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#36

1,1-Dichloropropene

Concen: 48.550 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

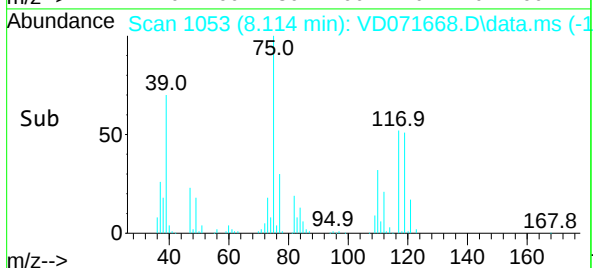
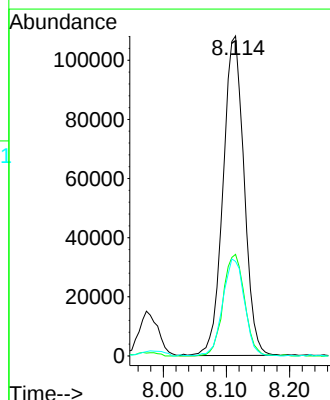
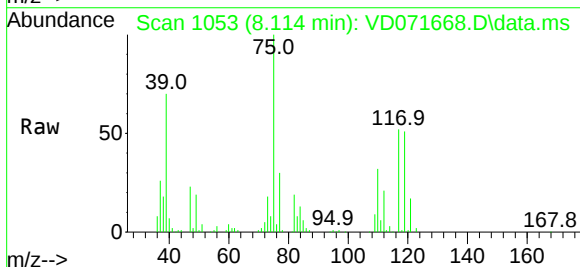
Tgt Ion: 75 Resp: 250227

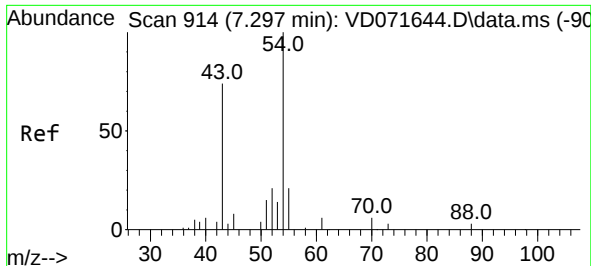
Ion Ratio Lower Upper

75 100

110 32.4 16.0 48.0

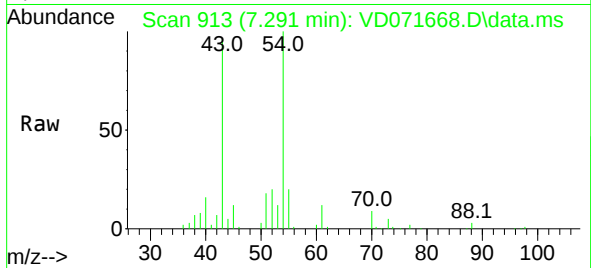
77 31.5 24.5 36.7





#37
Ethyl Acetate
Concen: 44.025 ug/l
RT: 7.291 min Scan# 914
Delta R.T. -0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

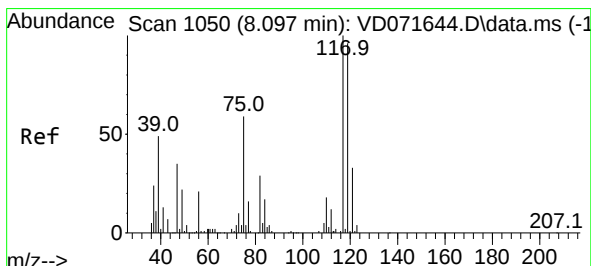
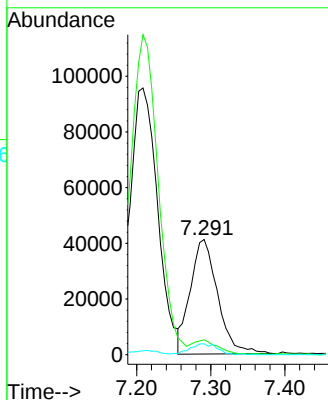
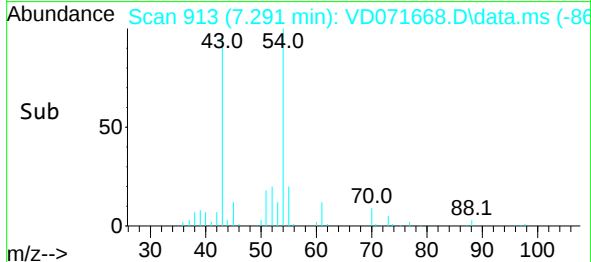
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 105312
Ion Ratio Lower Upper
43 100
61 11.4 11.0 16.4
70 9.7 7.4 11.2

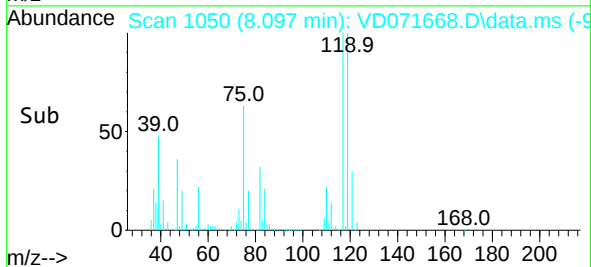
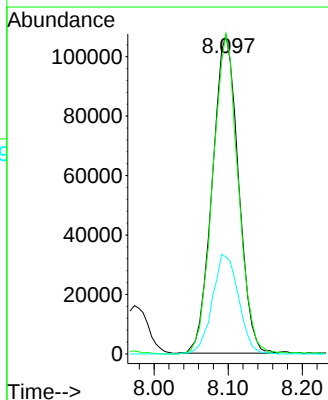
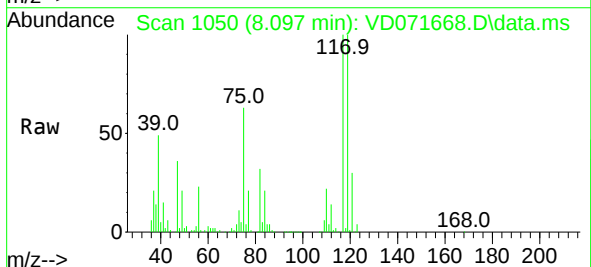
Manual Integrations
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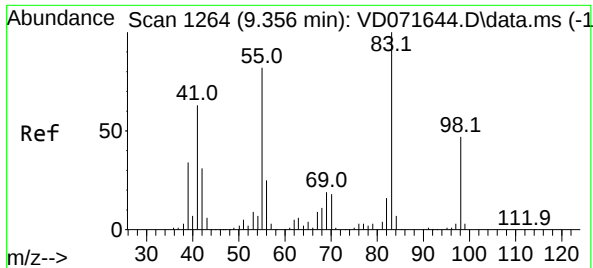
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#38
Carbon Tetrachloride
Concen: 49.849 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Tgt Ion:117 Resp: 260188
Ion Ratio Lower Upper
117 100
119 100.5 73.4 110.2
121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 49.914 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.005 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 27787

Ion Ratio Lower Upper

83 100

55 83.5 70.1 105.1

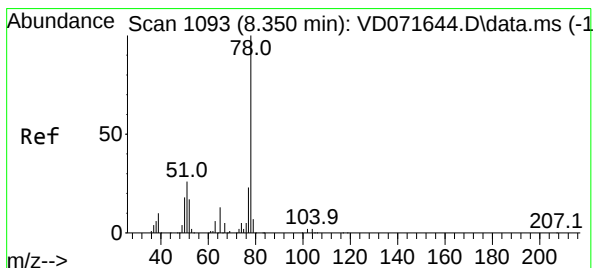
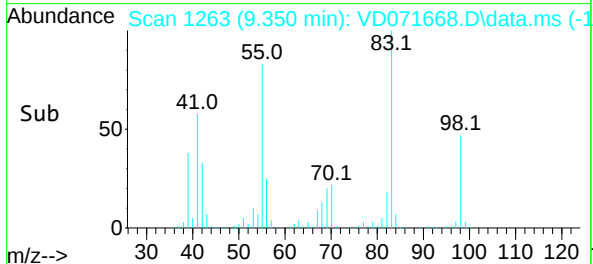
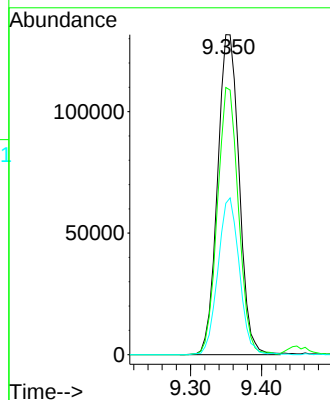
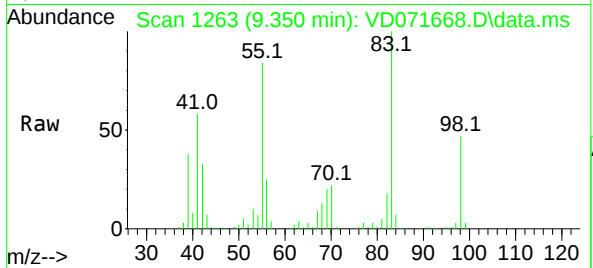
98 47.3 39.2 58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 48.604 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.001 min

Lab File: VD071668.D

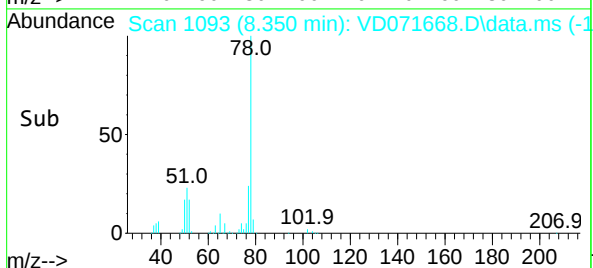
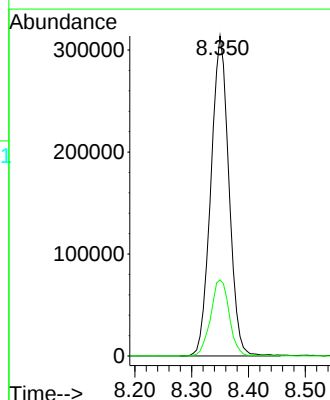
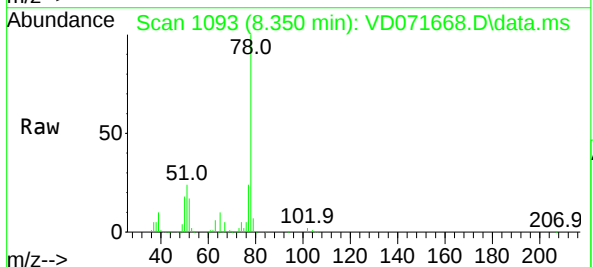
Acq: 11 Jan 2022 10:36

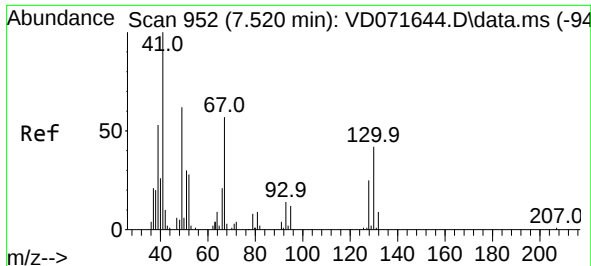
Tgt Ion: 78 Resp: 690216

Ion Ratio Lower Upper

78 100

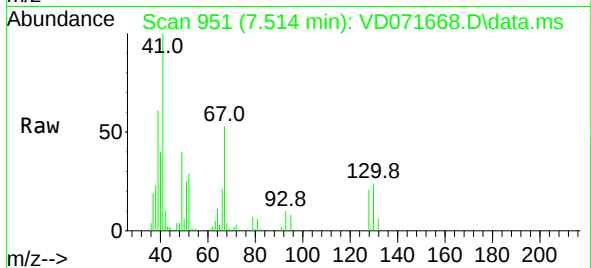
77 23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 37.135 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

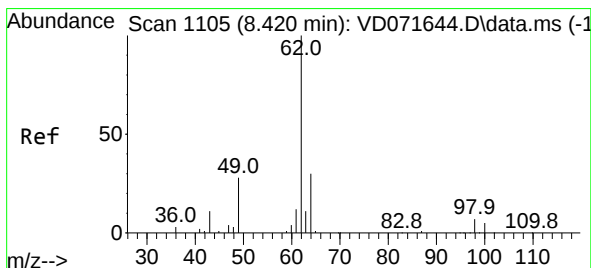
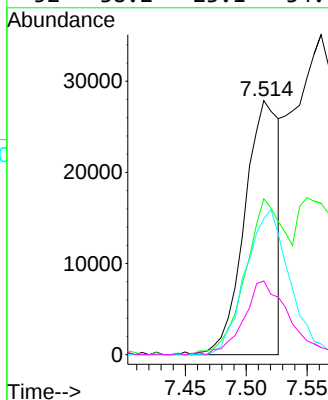
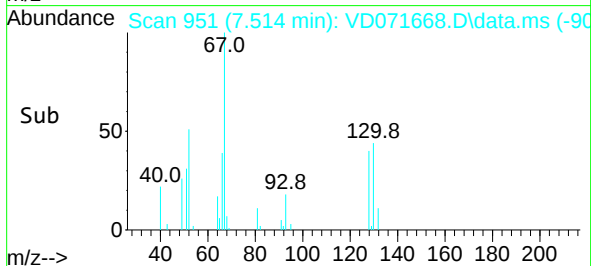
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



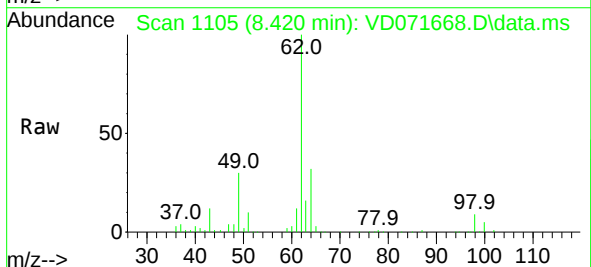
Tgt Ion: 41 Resp: 54328
Ion Ratio Lower Upper
41 100
39 75.7 46.9 70.3
67 74.1 49.3 73.9
52 38.2 23.1 34.7

Manual Integrations
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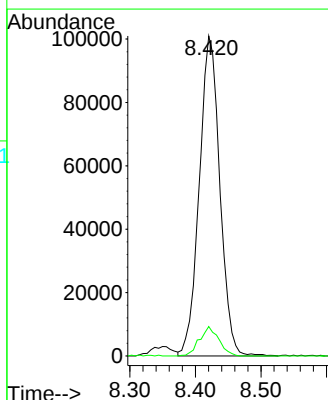
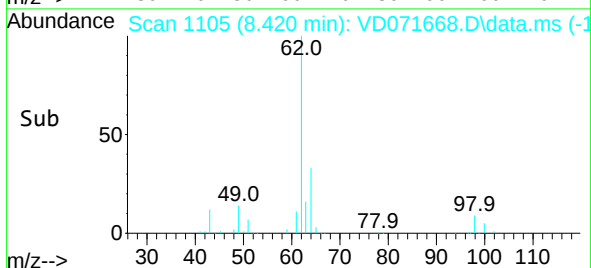
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

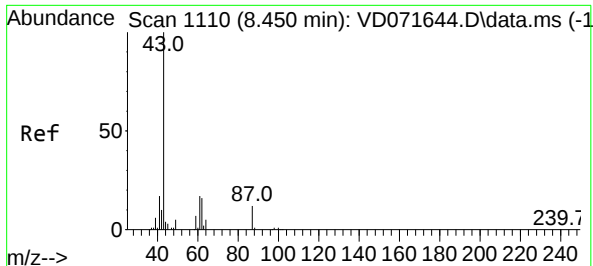


#42
1,2-Dichloroethane
Concen: 45.903 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



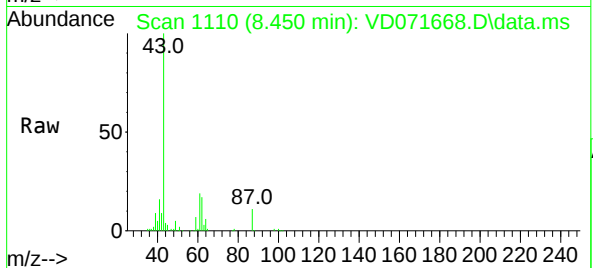
Tgt Ion: 62 Resp: 220657
Ion Ratio Lower Upper
62 100
98 8.6 0.0 15.4





#43
Isopropyl Acetate
Concen: 46.852 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

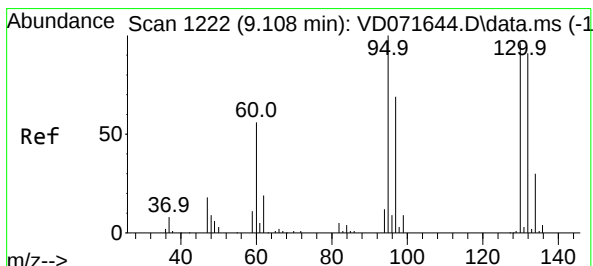
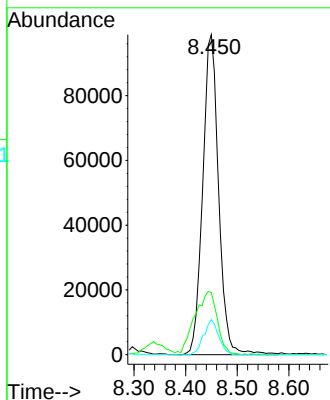
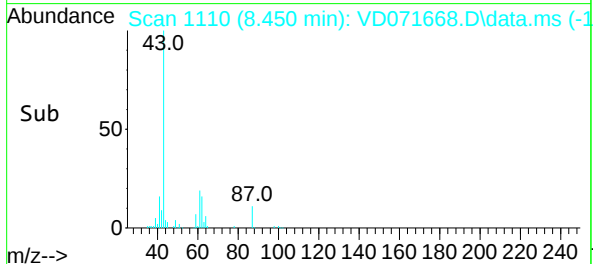
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



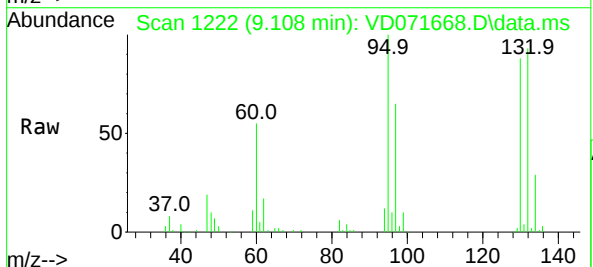
Tgt Ion: 43 Resp: 21096
Ion Ratio Lower Upper
43 100
61 28.2 21.9 32.9
87 10.3 8.9 13.3

Manual Integrations
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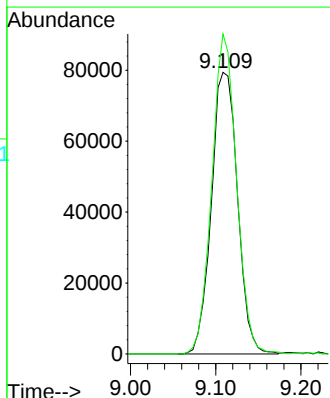
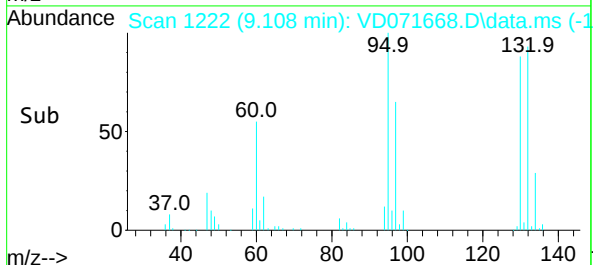
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

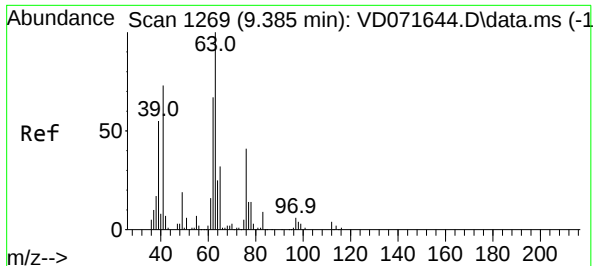


#44
Trichloroethene
Concen: 46.472 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion:130 Resp: 169835
Ion Ratio Lower Upper
130 100
95 113.7 0.0 214.4





#45

1,2-Dichloropropane

Concen: 48.379 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 185719

Ion Ratio Lower Upper

63 100

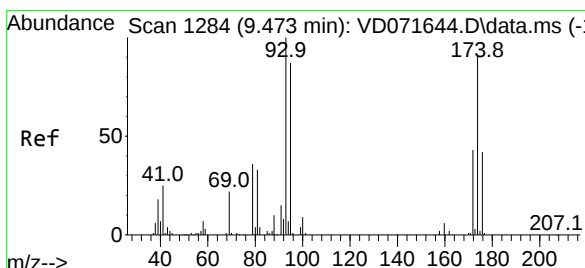
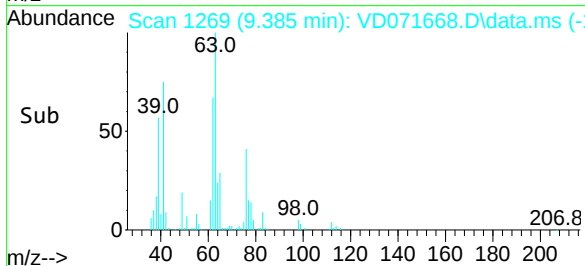
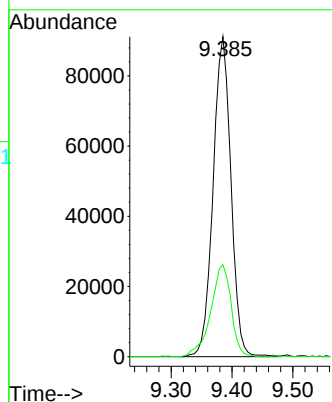
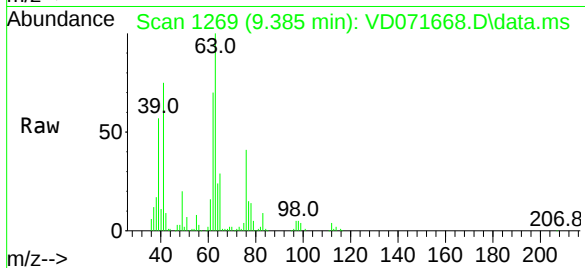
65 28.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 46.710 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

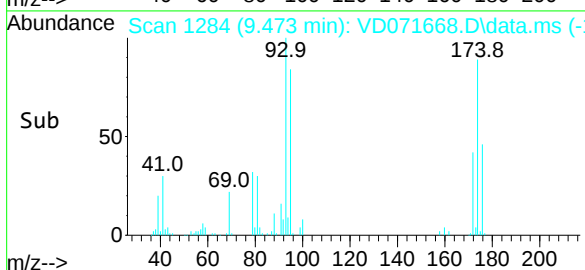
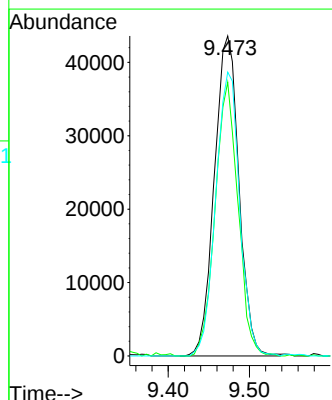
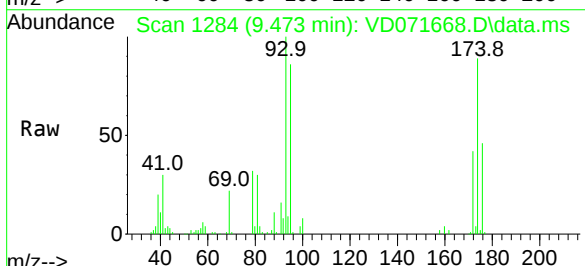
Tgt Ion: 93 Resp: 91779

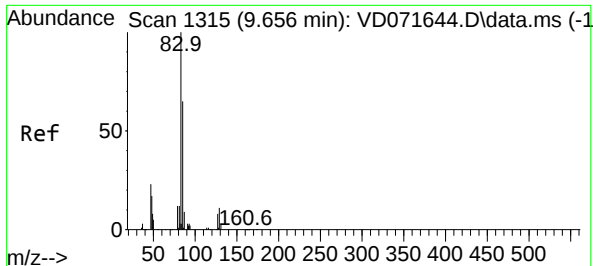
Ion Ratio Lower Upper

93 100

95 79.5 65.1 97.7

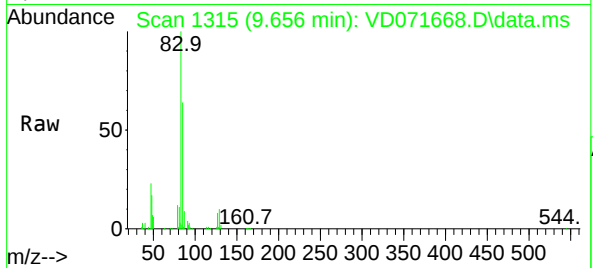
174 86.6 68.1 102.1





#47
Bromodichloromethane
Concen: 48.303 ug/l
RT: 9.656 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

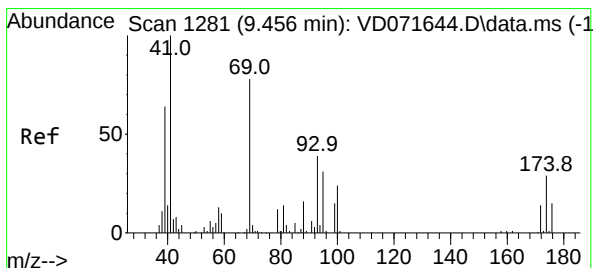
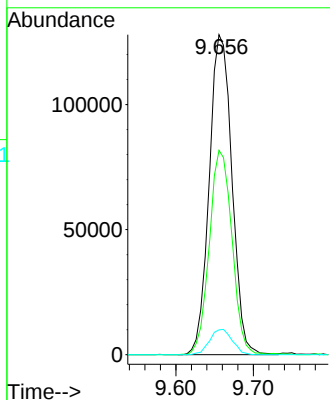
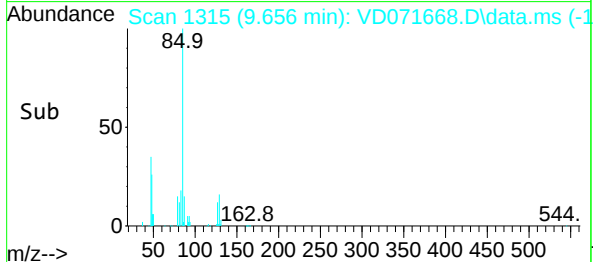
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



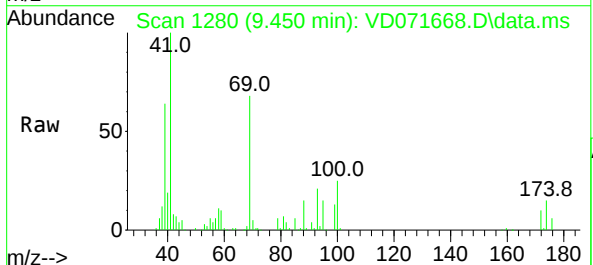
Tgt Ion: 83 Resp: 26057
Ion Ratio Lower Upper
83 100
85 63.9 50.6 75.8
127 7.7 6.1 9.1

Manual Integrations
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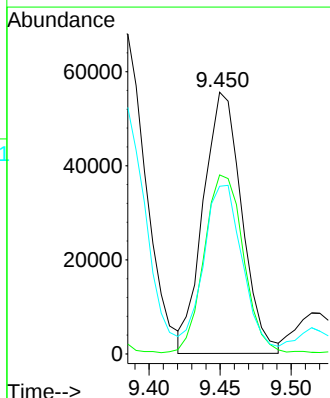
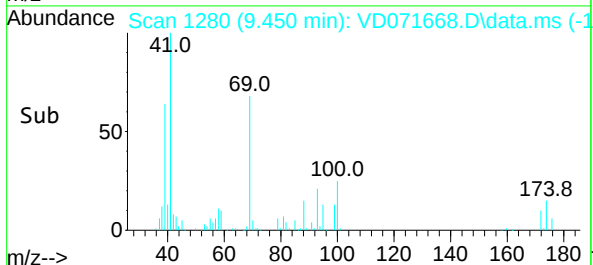
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

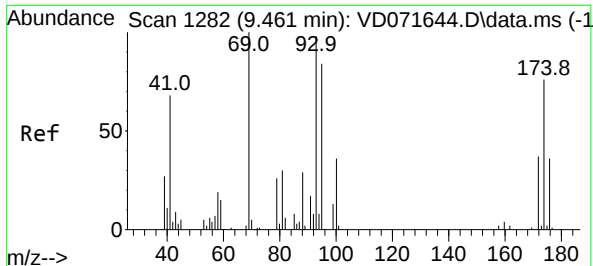


#48
Methyl methacrylate
Concen: 46.012 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion: 41 Resp: 104698
Ion Ratio Lower Upper
41 100
69 69.8 59.5 89.3
39 66.0 56.0 84.0





#49

1,4-Dioxane

Concen: 928.720 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

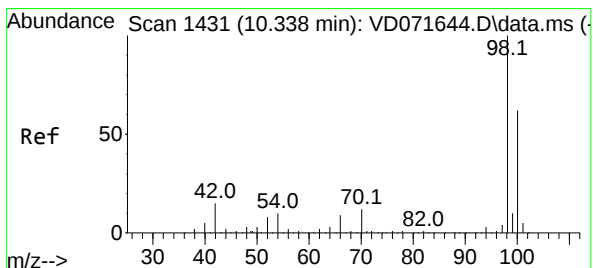
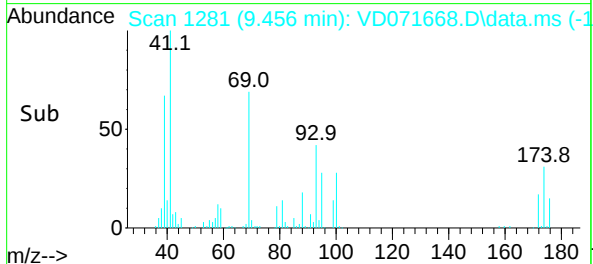
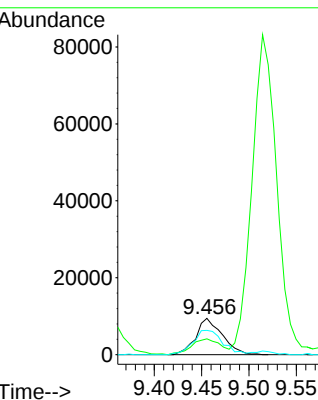
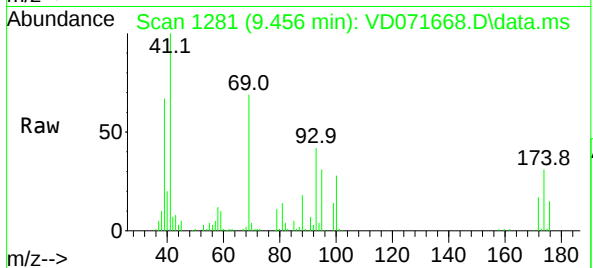
Tgt Ion: 88 Resp: 1829
 Ion Ratio Lower Upper
 88 100
 43 48.4 34.6 52.0
 58 75.0 62.0 93.0

Manual Integrations

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Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 52.258 ug/l

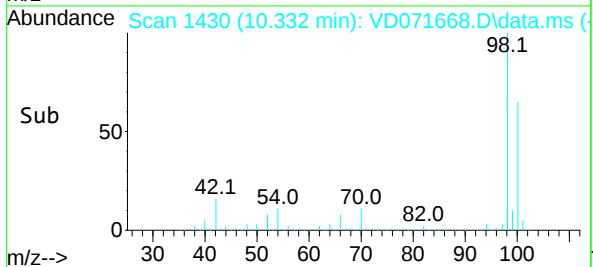
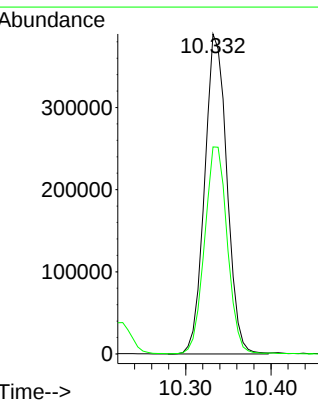
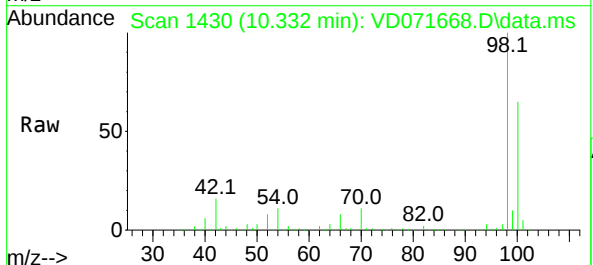
RT: 10.332 min Scan# 1430

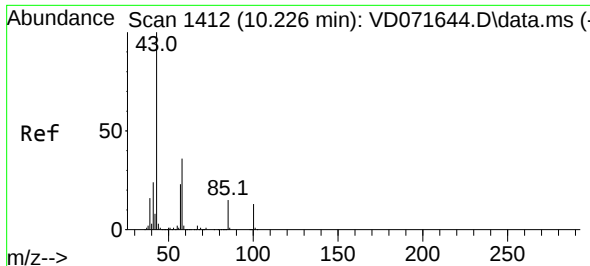
Delta R.T. -0.005 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

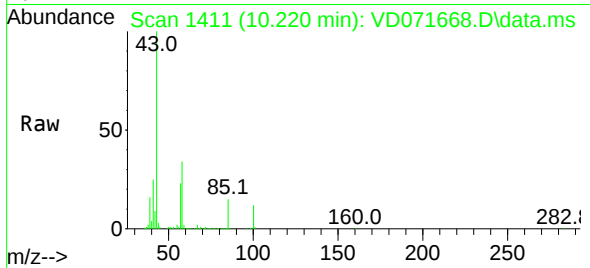
Tgt Ion: 98 Resp: 706810
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 231.774 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

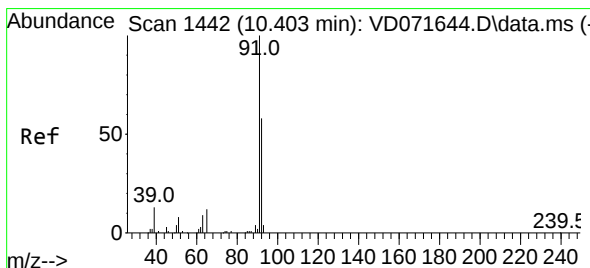
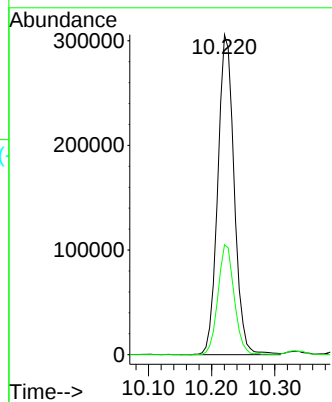
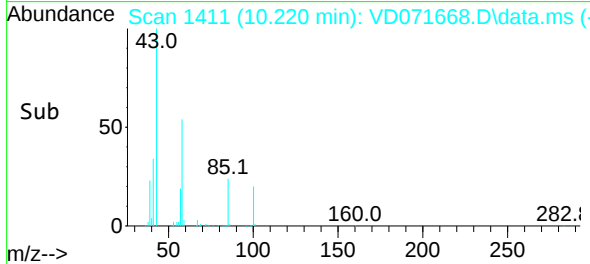
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 551269
Ion Ratio Lower Upper
43 100
58 34.1 28.2 42.2

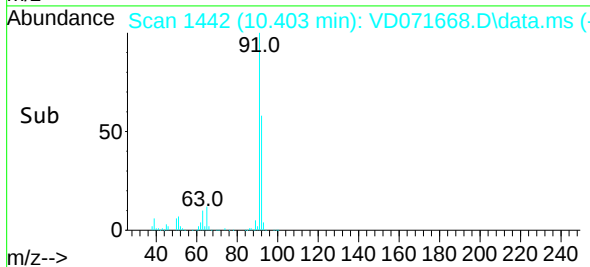
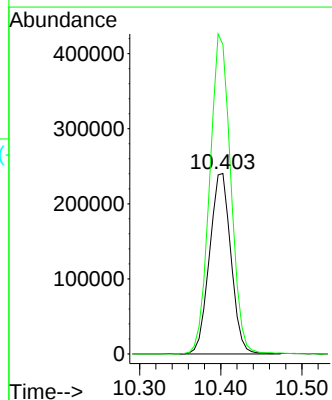
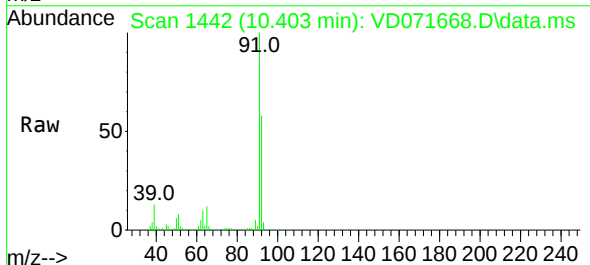
Manual Integrations
APPROVED

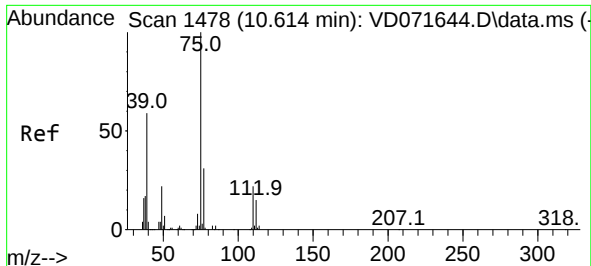
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#52
Toluene
Concen: 49.295 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

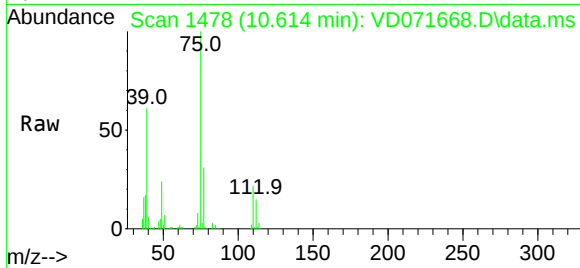
Tgt Ion: 92 Resp: 440633
Ion Ratio Lower Upper
92 100
91 174.8 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 49.231 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36

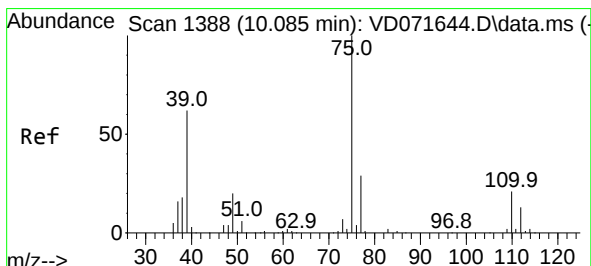
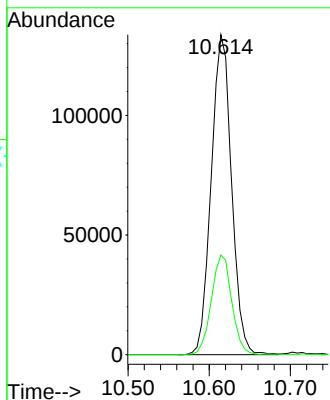
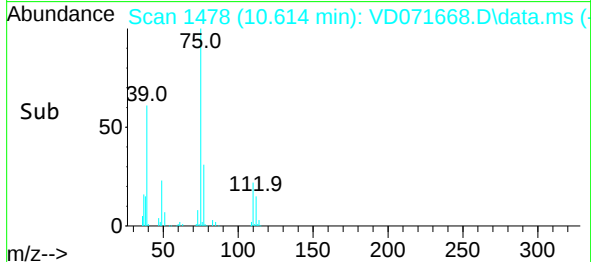
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



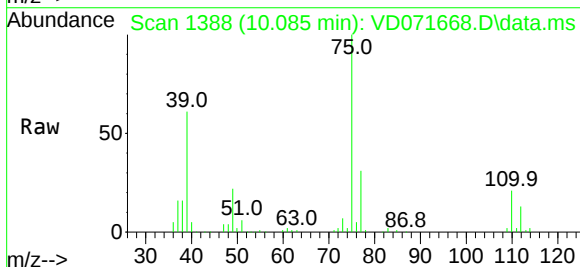
Tgt Ion: 75 Resp: 23297
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.2

Manual Integrations
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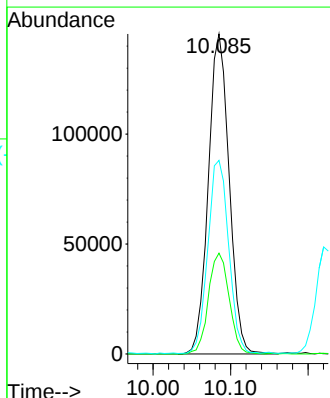
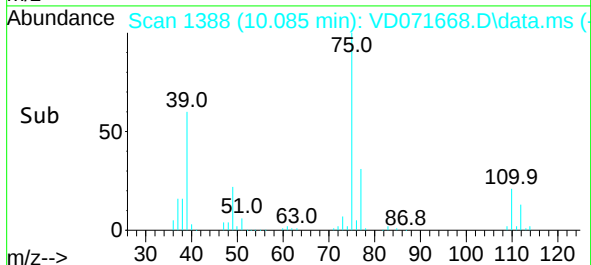
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

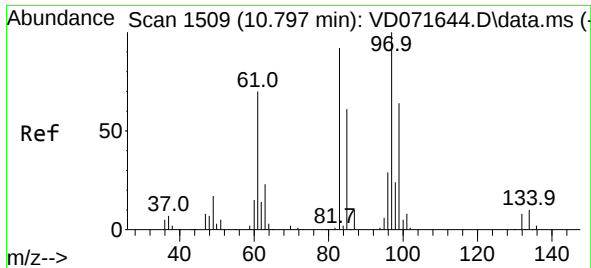


#54
 cis-1,3-Dichloropropene
 Concen: 48.798 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36



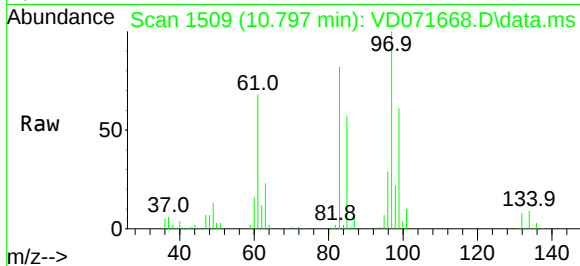
Tgt Ion: 75 Resp: 272275
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6
 39 60.4 49.8 74.8





#55
1,1,2-Trichloroethane
Concen: 48.303 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

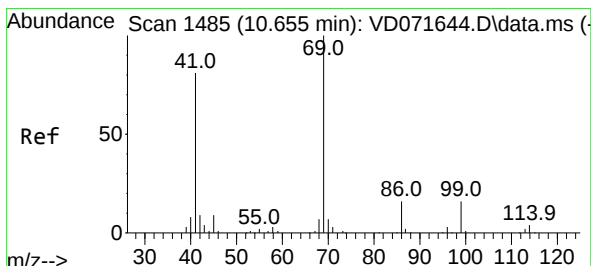
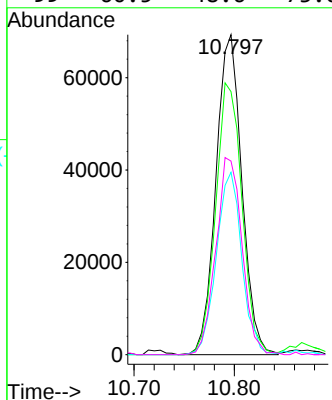
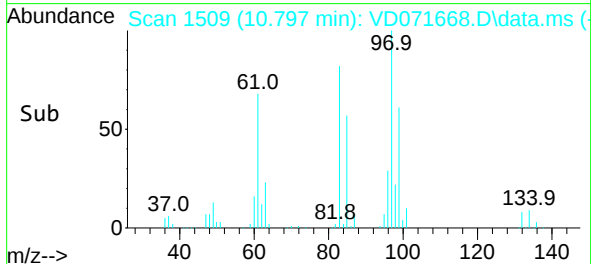
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



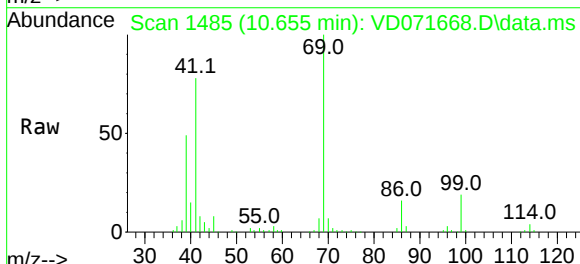
Tgt Ion: 97 Resp: 12442
Ion Ratio Lower Upper
97 100
83 82.2 68.1 102.1
85 57.0 46.8 70.2
99 60.5 48.6 73.0

Manual Integrations
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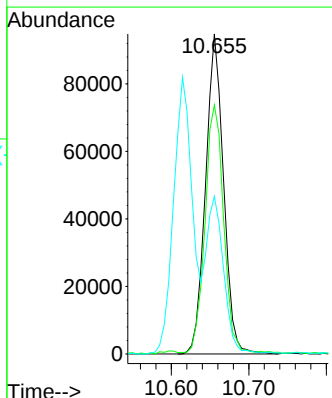
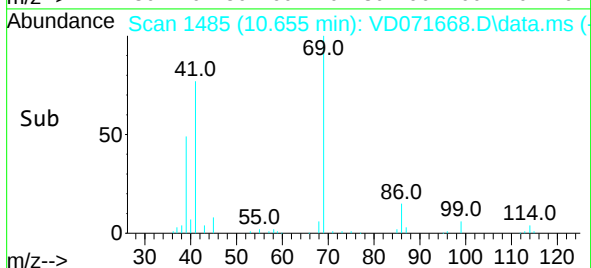
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

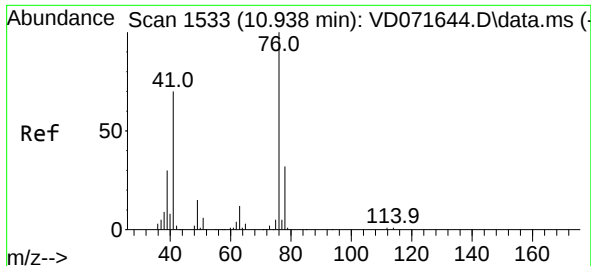


#56
Ethyl methacrylate
Concen: 48.374 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion: 69 Resp: 152735
Ion Ratio Lower Upper
69 100
41 79.2 65.8 98.6
39 46.8 38.7 58.1





#57

1,3-Dichloropropane

Concen: 46.300 ug/l

RT: 10.944 min Scan# 1534

Delta R.T. 0.001 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 22038

Ion Ratio Lower Upper

76 100

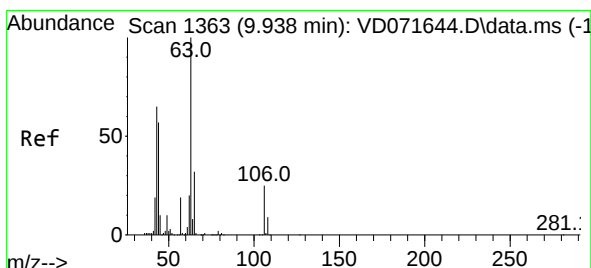
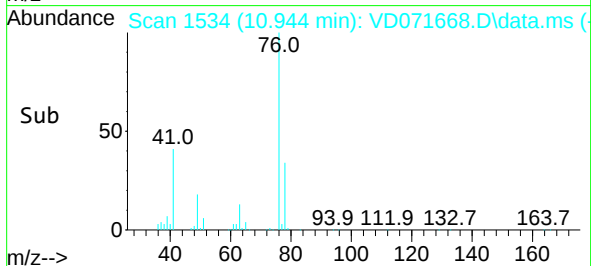
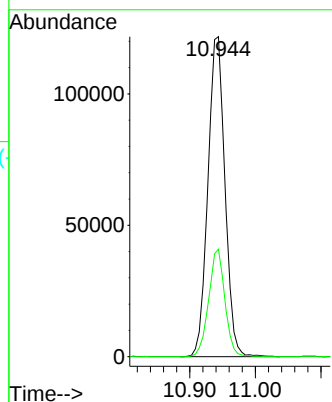
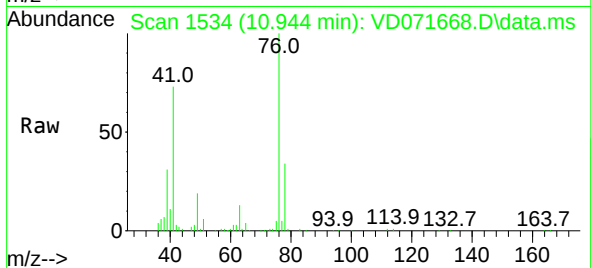
78 32.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 236.909 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071668.D

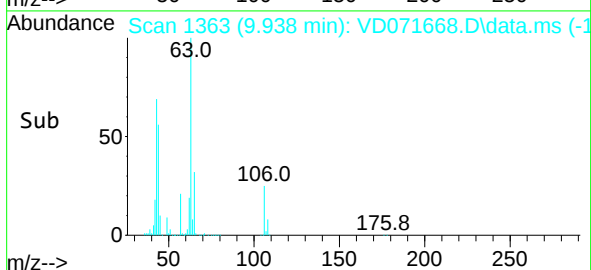
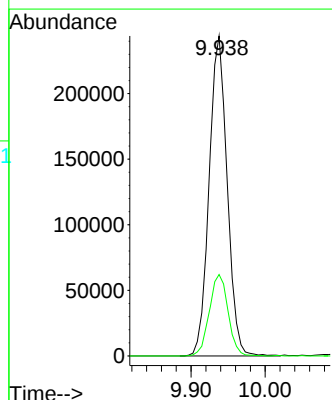
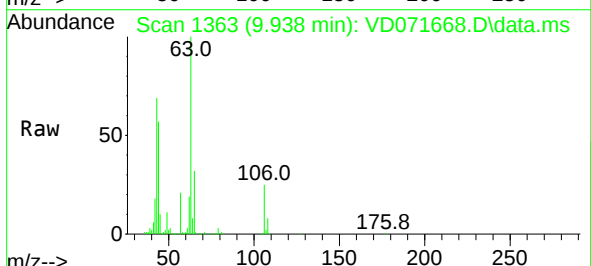
Acq: 11 Jan 2022 10:36

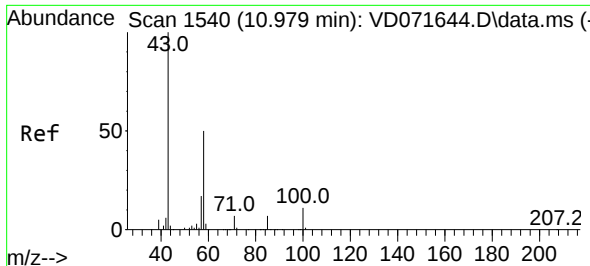
Tgt Ion: 63 Resp: 412933

Ion Ratio Lower Upper

63 100

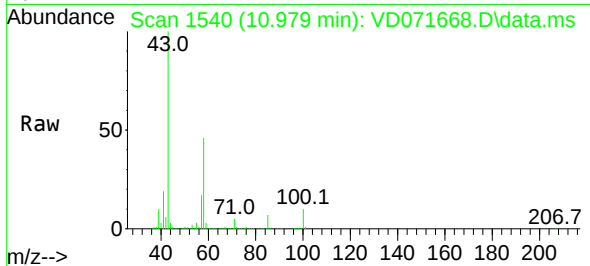
106 26.4 20.7 31.1





#59
2-Hexanone
Concen: 244.668 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

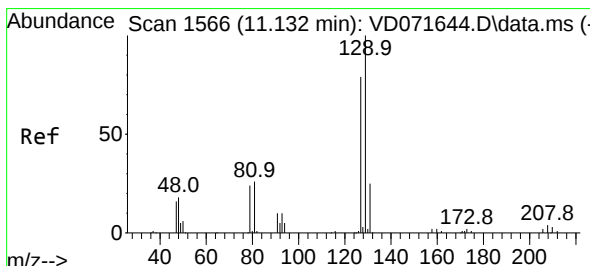
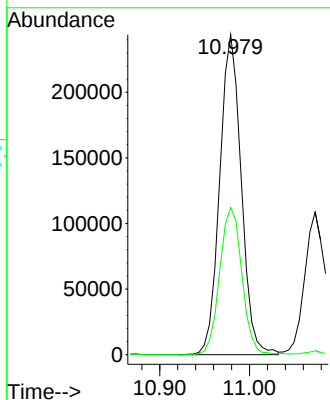
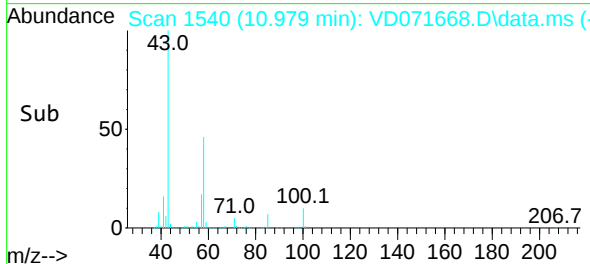
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



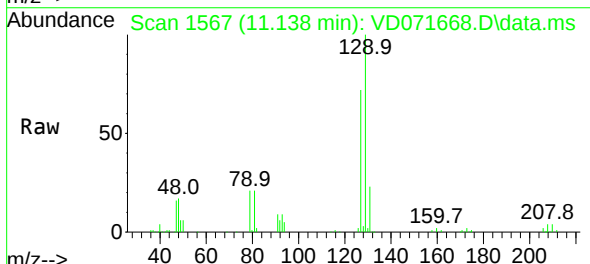
Tgt Ion: 43 Resp: 406454
Ion Ratio Lower Upper
43 100
58 47.5 24.3 72.8

Manual Integrations
APPROVED

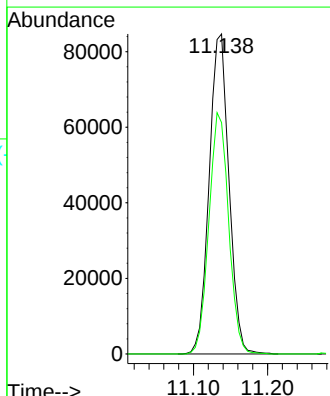
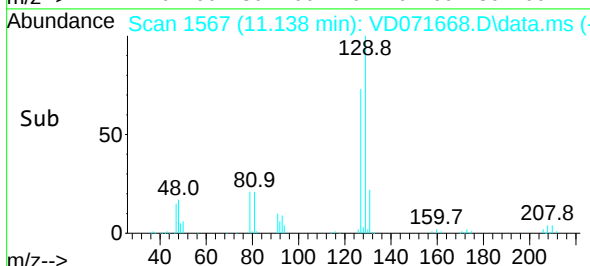
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

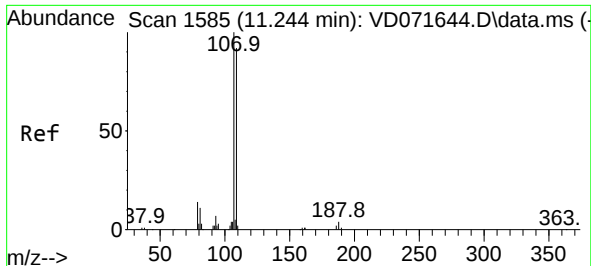


#60
Dibromochloromethane
Concen: 47.877 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



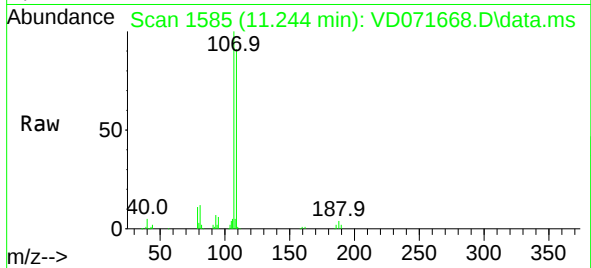
Tgt Ion:129 Resp: 156976
Ion Ratio Lower Upper
129 100
127 75.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 45.945 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

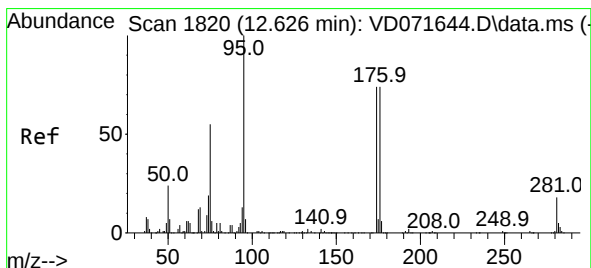
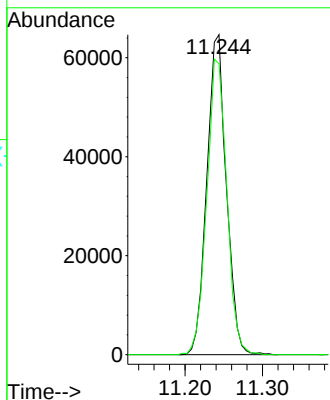
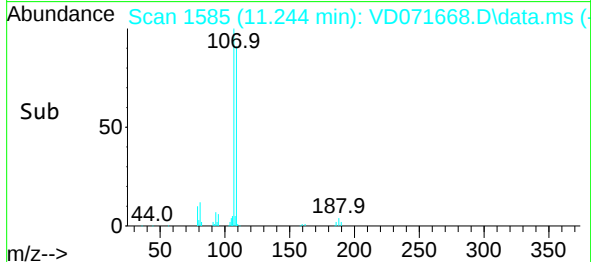
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



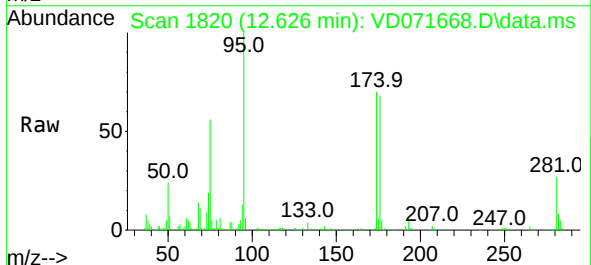
Tgt Ion:107 Resp: 113228
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

Manual Integrations
APPROVED

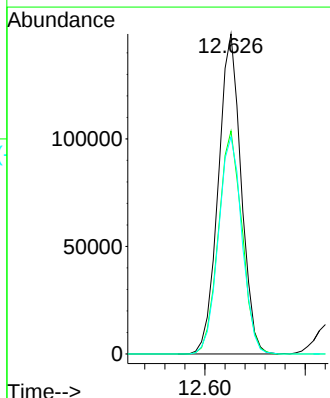
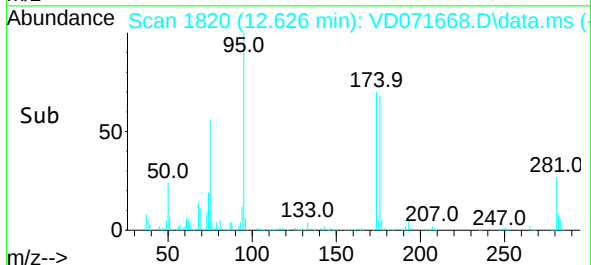
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

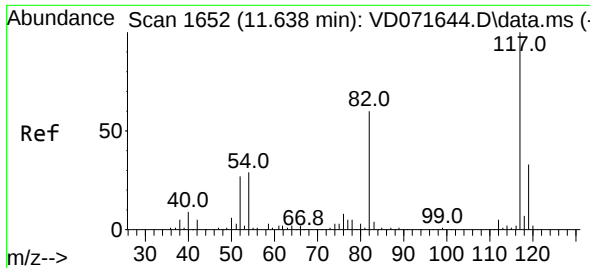


#62
4-Bromofluorobenzene
Concen: 49.296 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



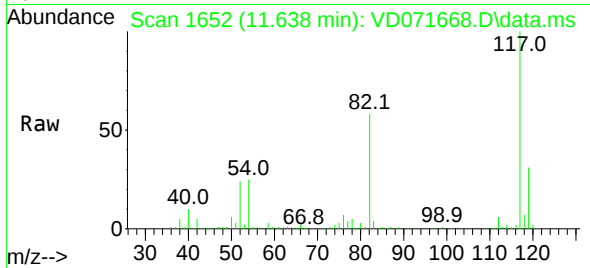
Tgt Ion: 95 Resp: 234944
Ion Ratio Lower Upper
95 100
174 71.8 0.0 150.0
176 70.1 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

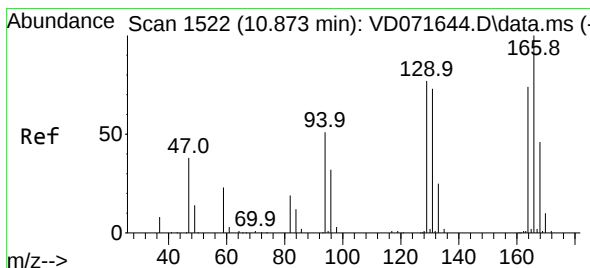
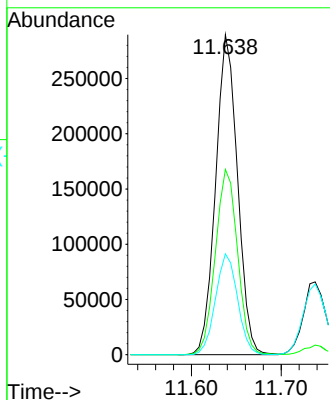
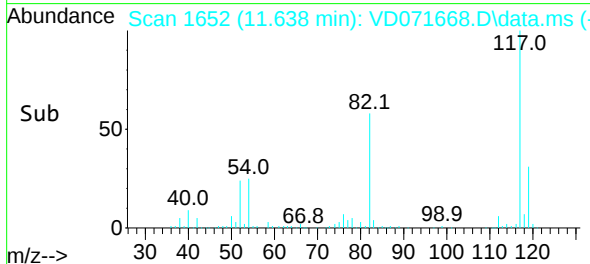
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



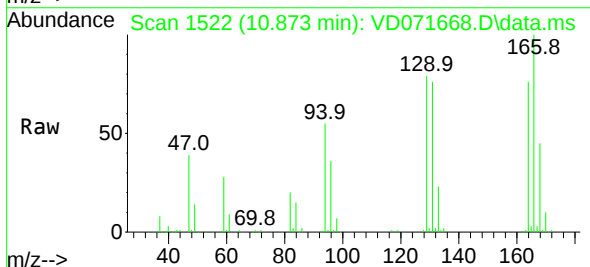
Tgt Ion:117 Resp: 490980
Ion Ratio Lower Upper
117 100
82 57.9 46.9 70.3
119 31.5 26.6 39.8

Manual Integrations
APPROVED

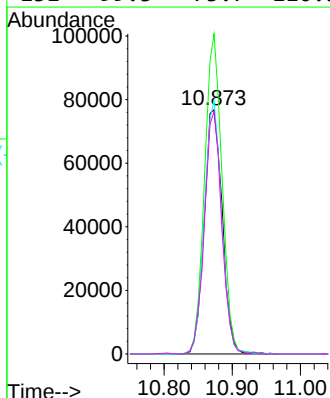
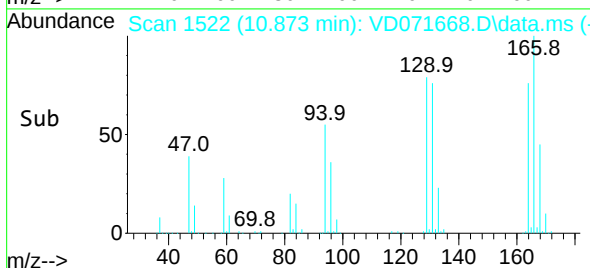
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

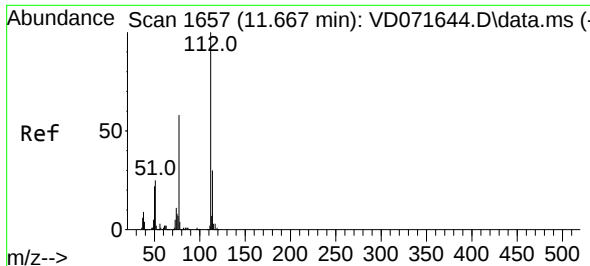


#64
Tetrachloroethene
Concen: 49.238 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



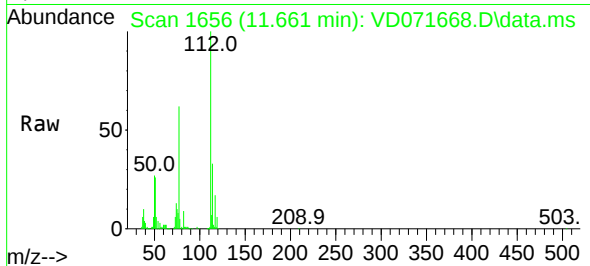
Tgt Ion:164 Resp: 142004
Ion Ratio Lower Upper
164 100
166 131.0 100.2 150.2
129 103.8 82.0 123.0
131 99.3 73.7 110.5





#65
Chlorobenzene
Concen: 48.431 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

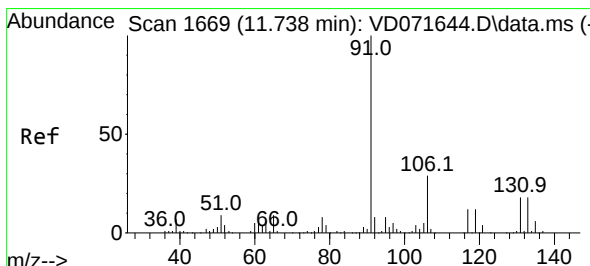
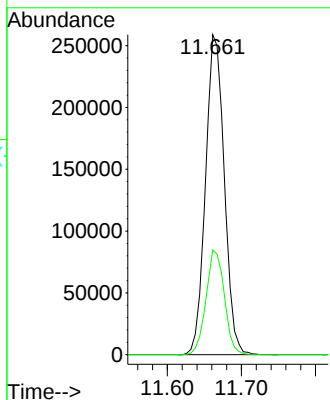
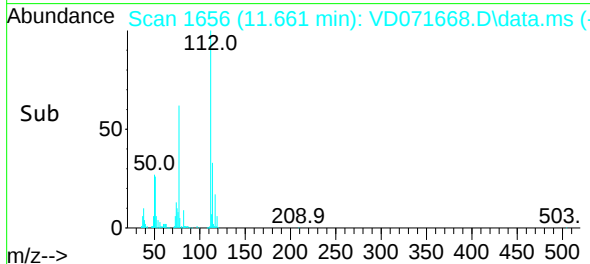
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



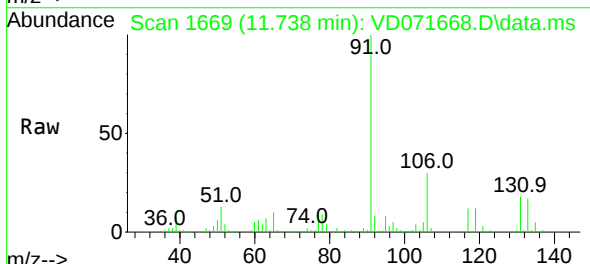
Tgt Ion:112 Resp: 455028
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2

Manual Integrations
APPROVED

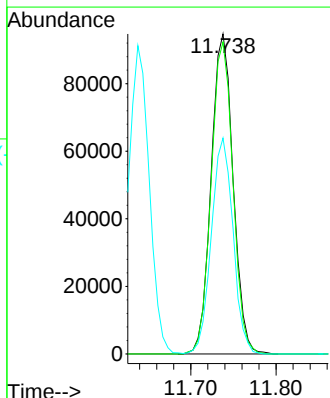
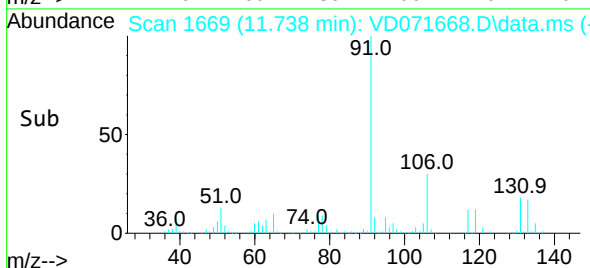
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

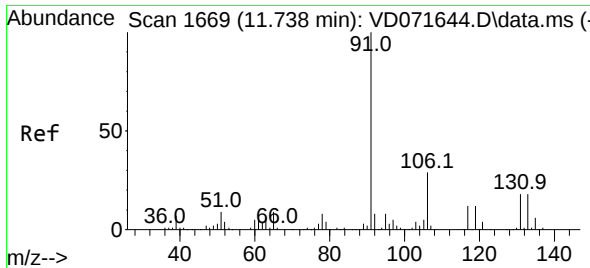


#66
1,1,1,2-Tetrachloroethane
Concen: 47.547 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion:131 Resp: 169384
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 66.7 33.8 101.4





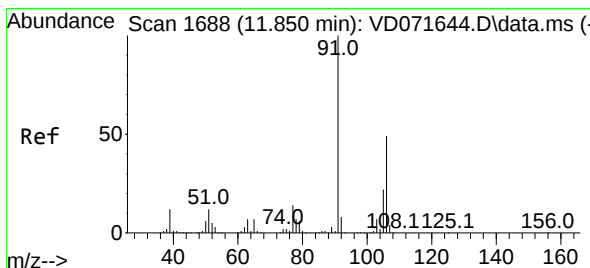
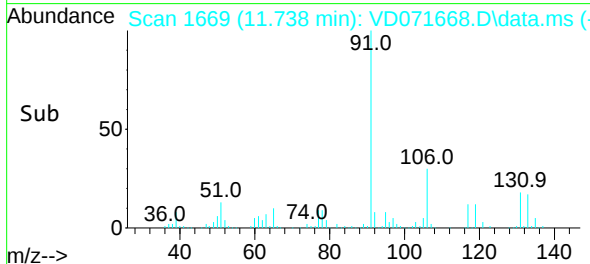
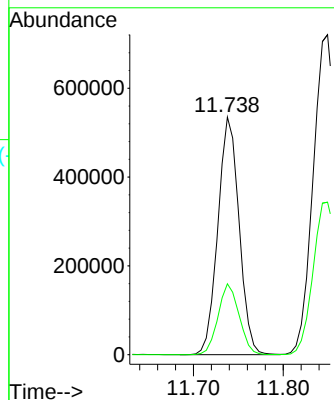
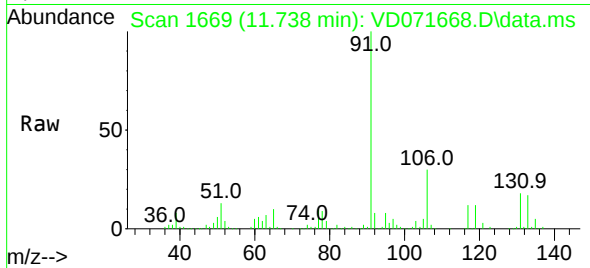
#67
Ethyl Benzene
Concen: 50.911 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 878134
Ion Ratio Lower Upper
91 100
106 29.8 23.6 35.4

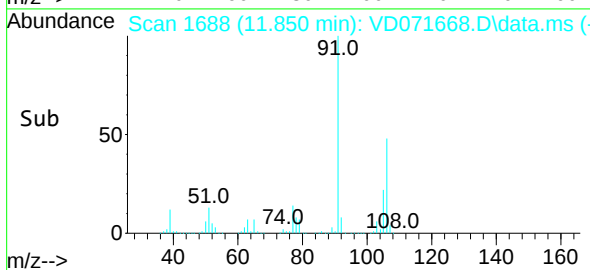
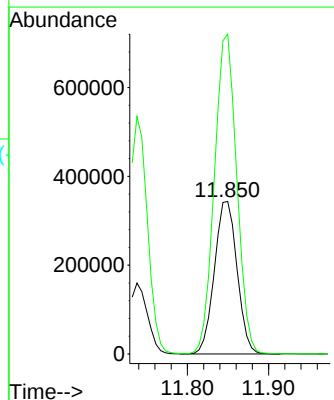
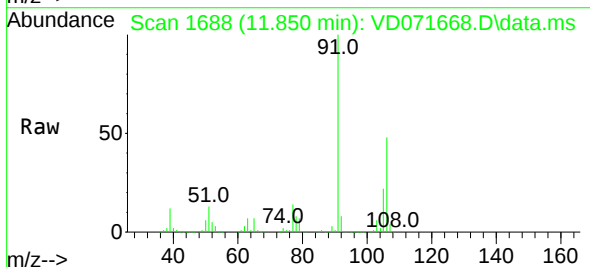
Manual Integrations
APPROVED

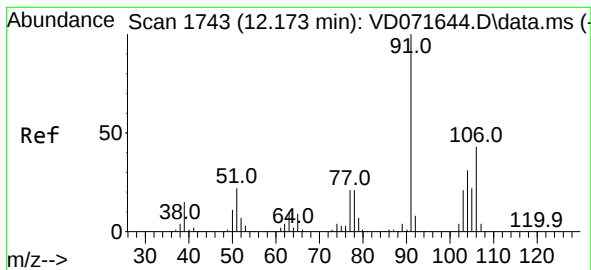
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 103.952 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Tgt Ion:106 Resp: 666863
Ion Ratio Lower Upper
106 100
91 206.7 168.6 252.8





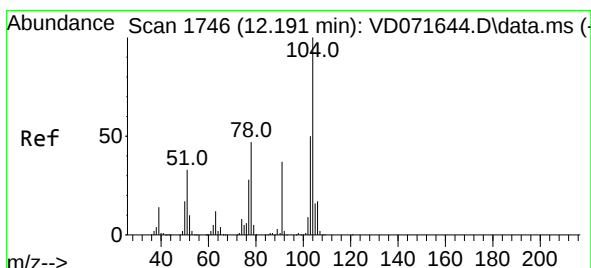
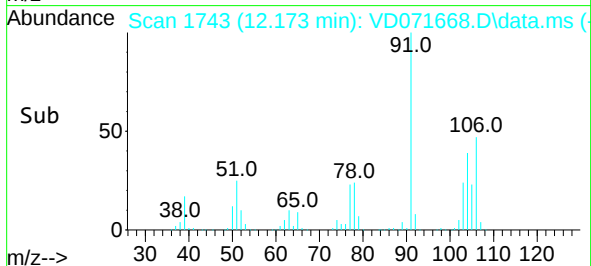
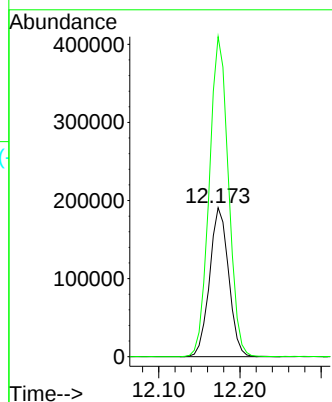
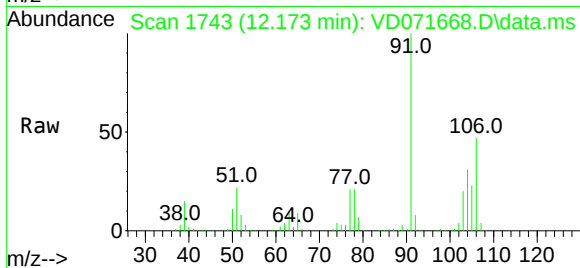
#69
o-Xylene
Concen: 51.087 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 31019
Ion Ratio Lower Upper
106 100
91 216.8 110.9 332.9

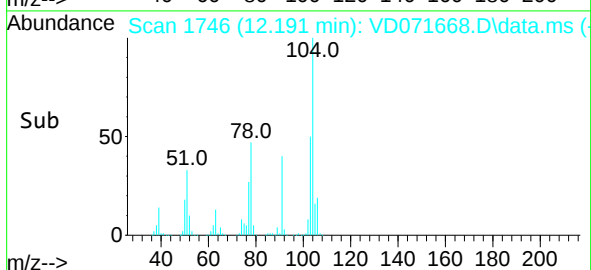
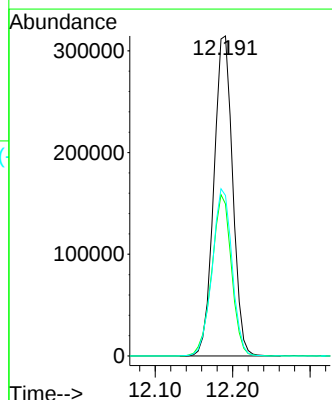
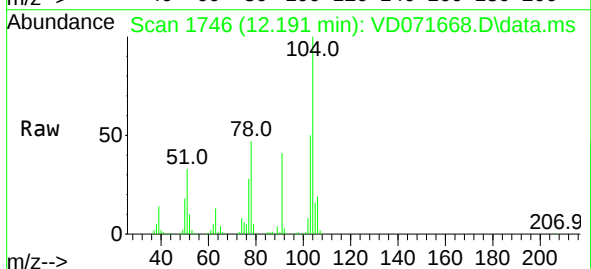
Manual Integrations
APPROVED

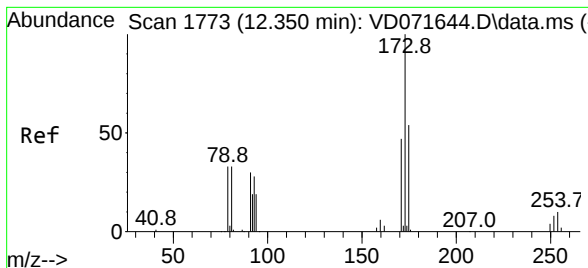
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 50.919 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

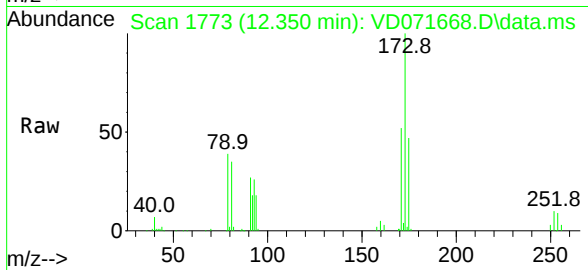
Tgt Ion:104 Resp: 529943
Ion Ratio Lower Upper
104 100
78 52.7 42.8 64.2
103 55.2 43.6 65.4





#71
Bromoform
Concen: 48.471 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. -0.005 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

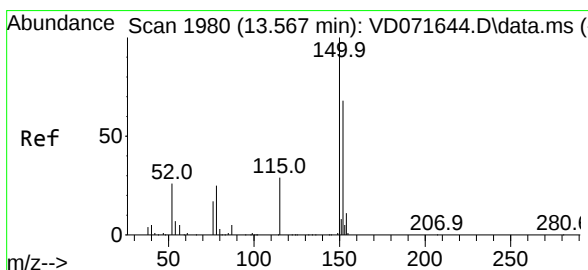
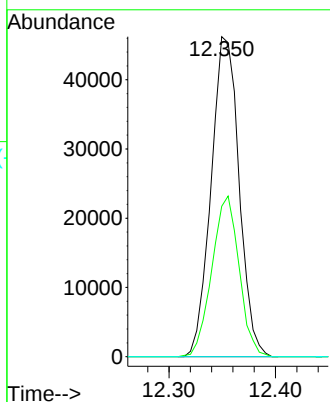
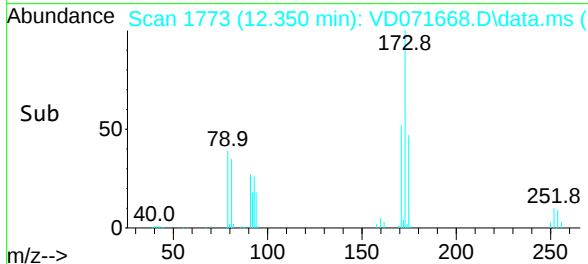
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



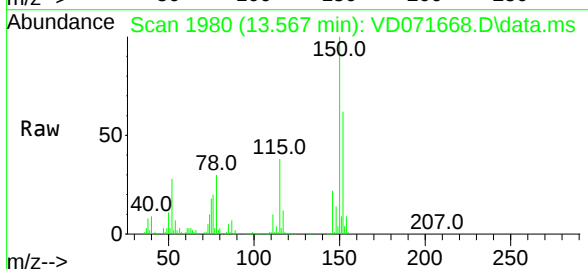
Tgt Ion:173 Resp: 8431
Ion Ratio Lower Upper
173 100
175 48.8 24.4 73.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

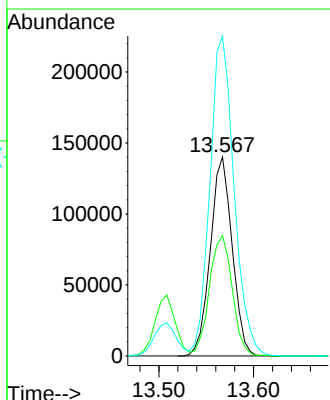
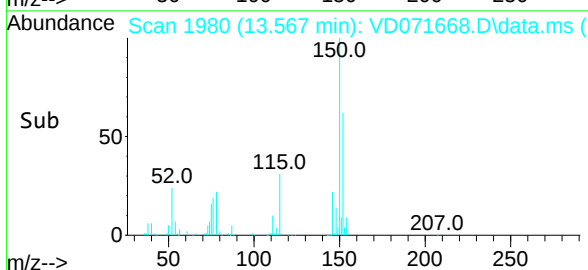
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

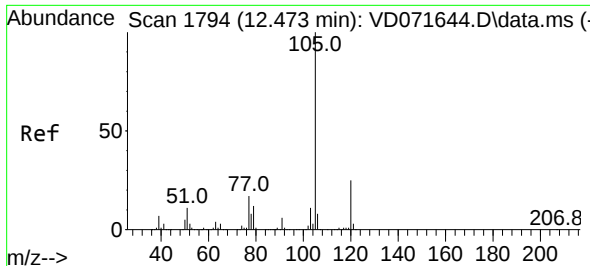


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



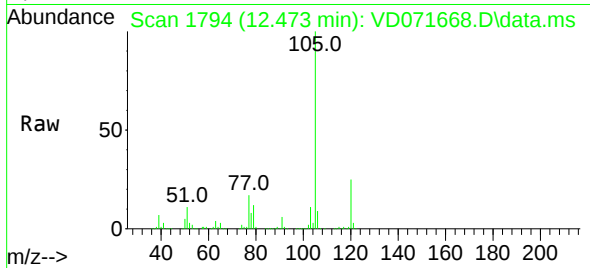
Tgt Ion:152 Resp: 224400
Ion Ratio Lower Upper
152 100
115 63.4 31.5 94.5
150 177.8 0.0 348.0





#73
Isopropylbenzene
Concen: 53.356 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

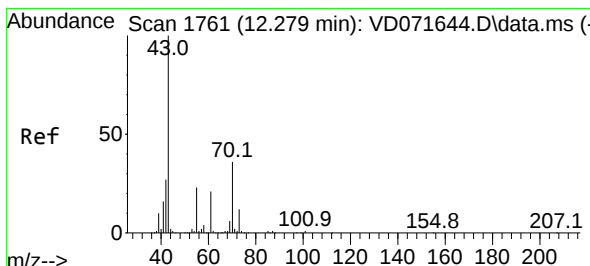
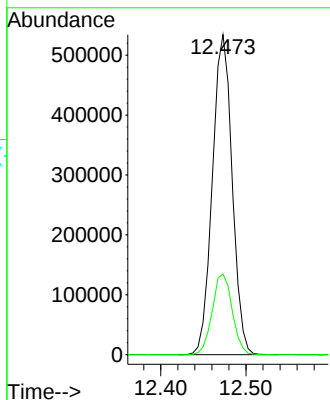
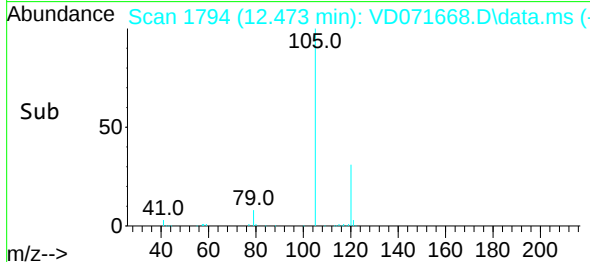
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 86043
Ion Ratio Lower Upper
105 100
120 25.5 12.5 37.5

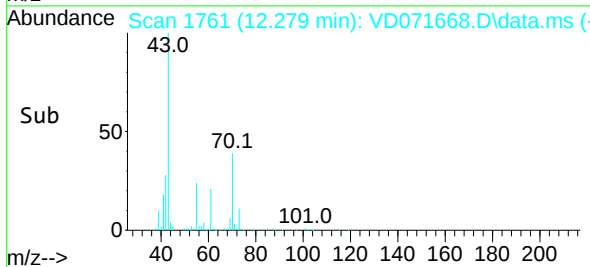
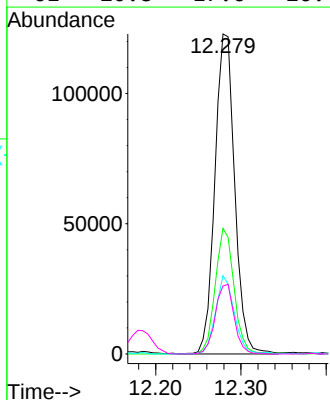
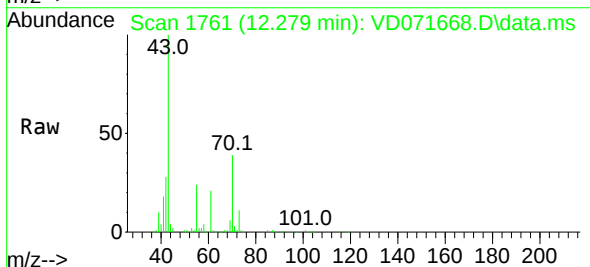
Manual Integrations
APPROVED

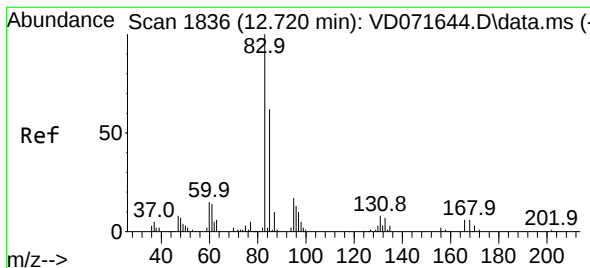
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#74
N-ethyl acetate
Concen: 50.279 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

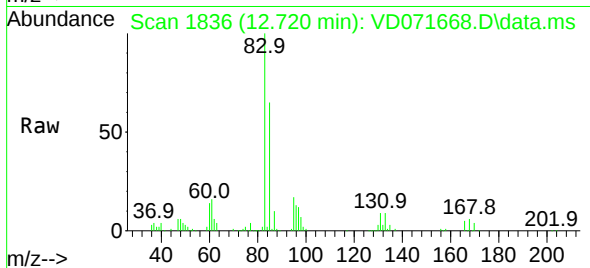
Tgt Ion: 43 Resp: 198887
Ion Ratio Lower Upper
43 100
70 37.3 29.5 44.3
55 23.1 19.1 28.7
61 20.8 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.817 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

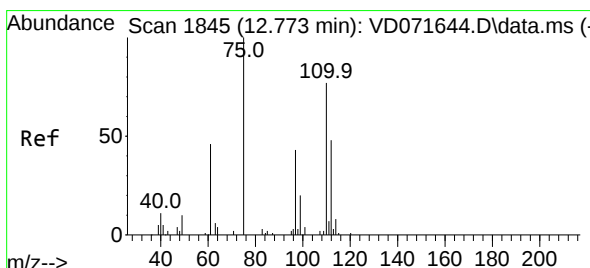
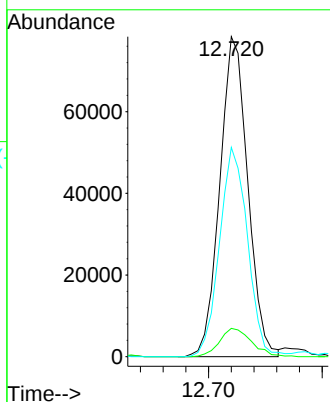
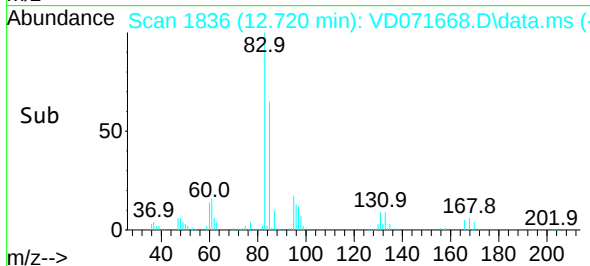
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



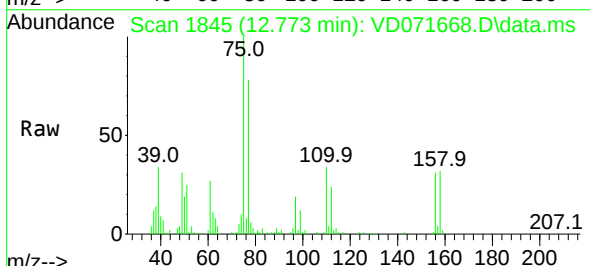
Tgt Ion: 83 Resp: 133782
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 65.5 32.2 96.6

Manual Integrations
APPROVED

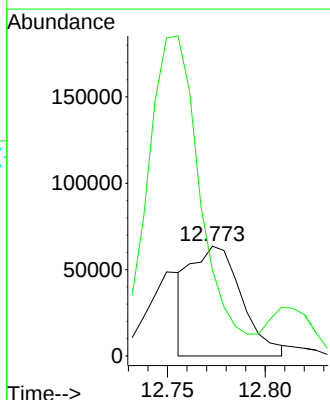
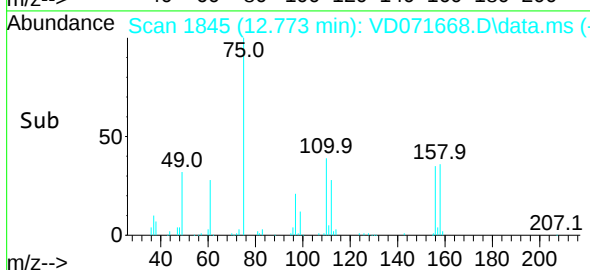
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

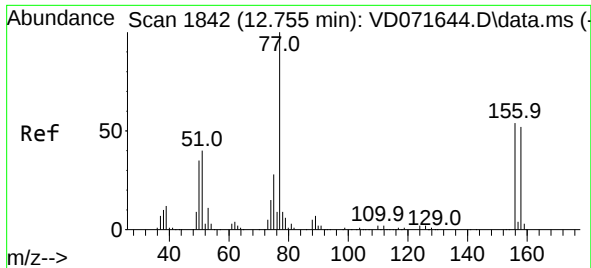


#76
1,2,3-Trichloropropane
Concen: 53.466 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



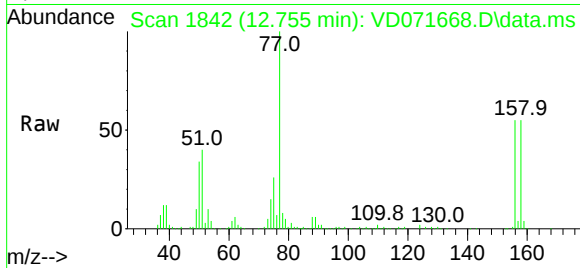
Tgt Ion: 75 Resp: 115932
Ion Ratio Lower Upper
75 100
77 303.1 0.0 0.0#





#77
Bromobenzene
Concen: 50.318 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

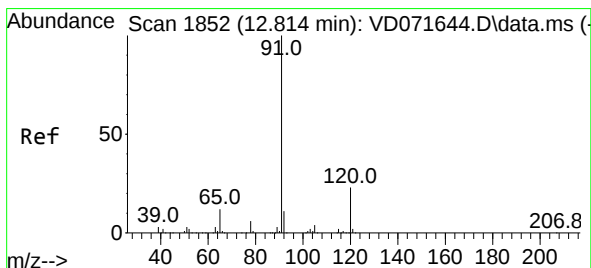
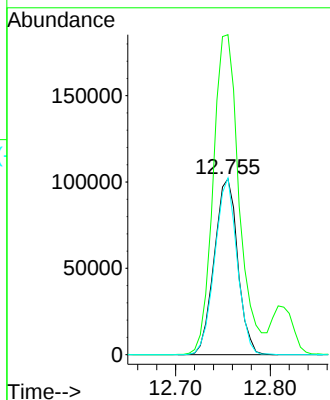
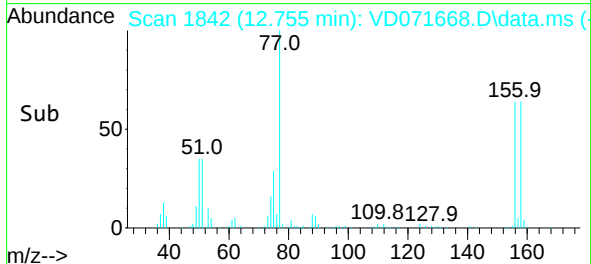
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



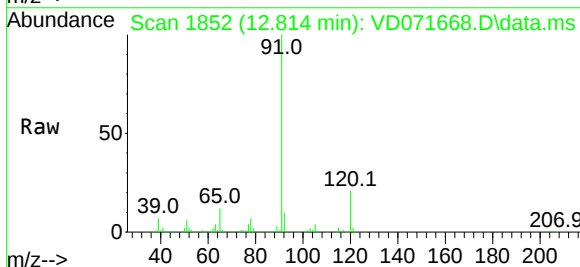
Tgt Ion:156 Resp: 175270
Ion Ratio Lower Upper
156 100
77 200.5 101.4 304.2
158 95.7 46.8 140.3

Manual Integrations
APPROVED

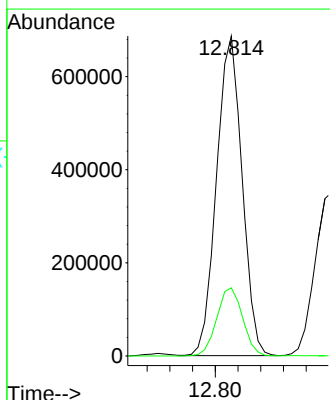
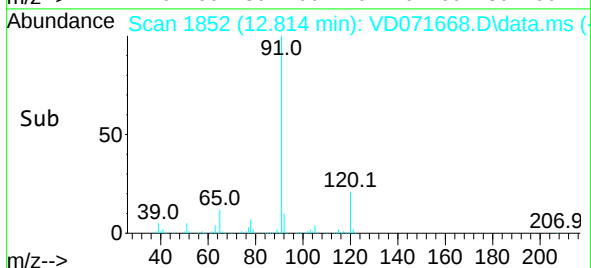
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

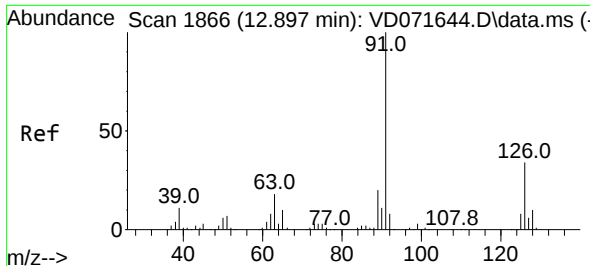


#78
n-propylbenzene
Concen: 52.810 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion: 91 Resp: 1071045
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.7





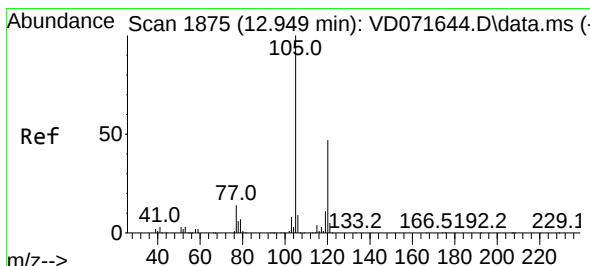
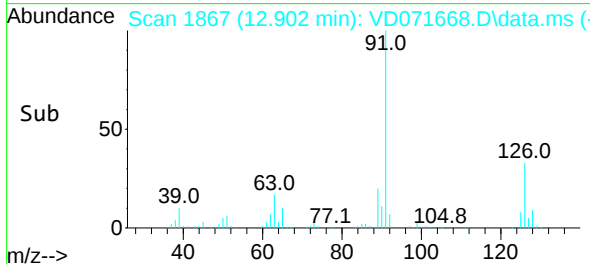
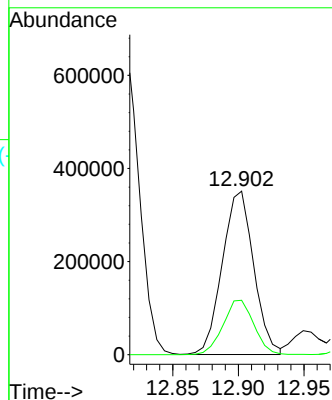
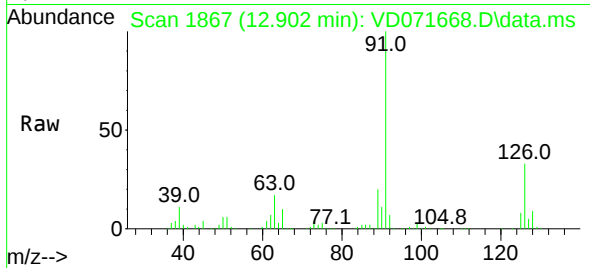
#79
2-Chlorotoluene
Concen: 51.210 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 58537
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.0

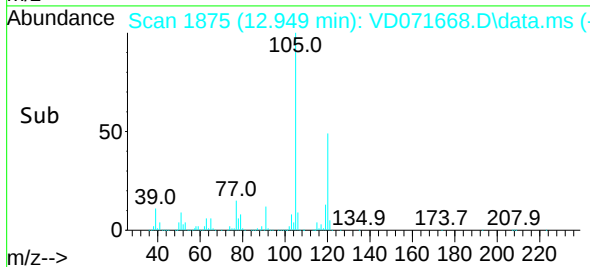
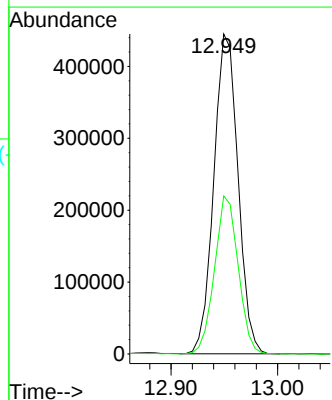
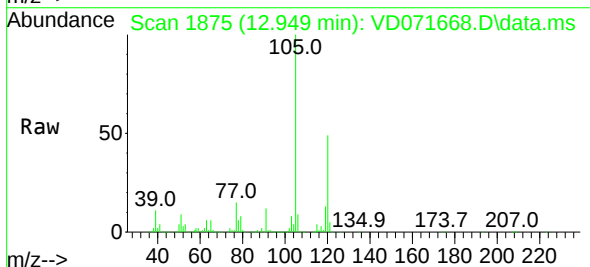
Manual Integrations
APPROVED

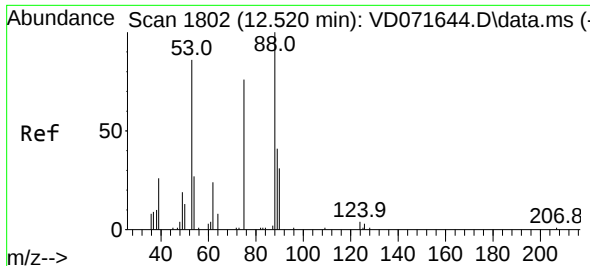
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.060 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

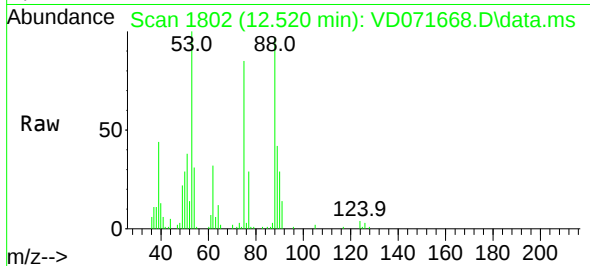
Tgt Ion:105 Resp: 701459
Ion Ratio Lower Upper
105 100
120 48.3 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.329 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

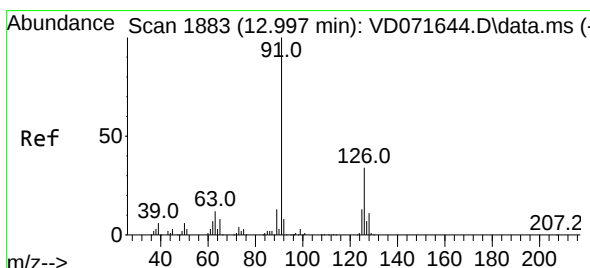
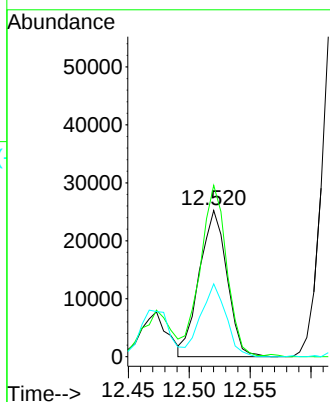
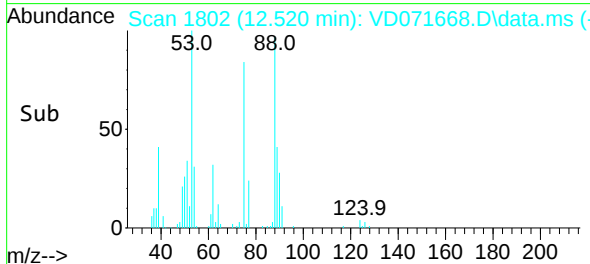
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



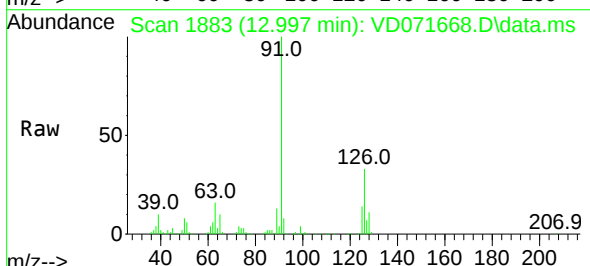
Tgt Ion: 75 Resp: 3992
Ion Ratio Lower Upper
75 100
53 111.0 95.4 143.0
89 45.1 37.2 55.8

Manual Integrations
APPROVED

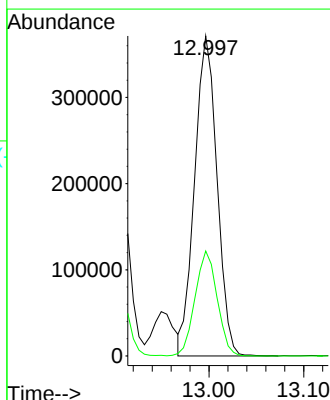
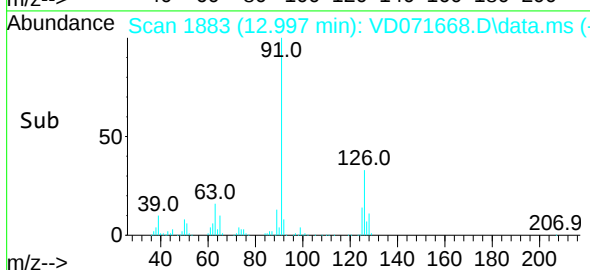
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

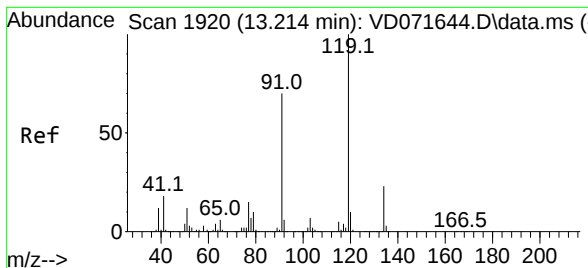


#82
4-Chlorotoluene
Concen: 51.410 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



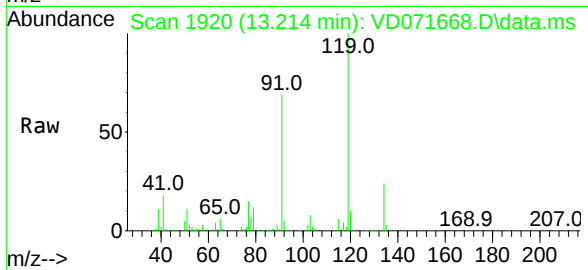
Tgt Ion: 91 Resp: 609670
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.3





#83
tert-Butylbenzene
Concen: 52.448 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

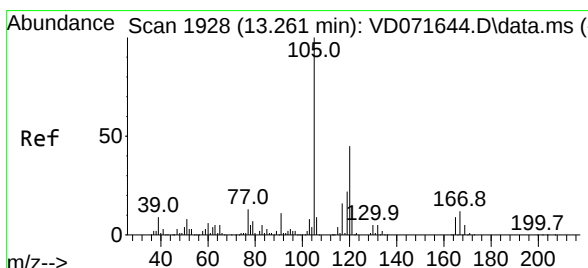
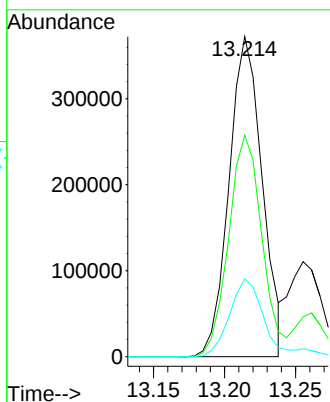
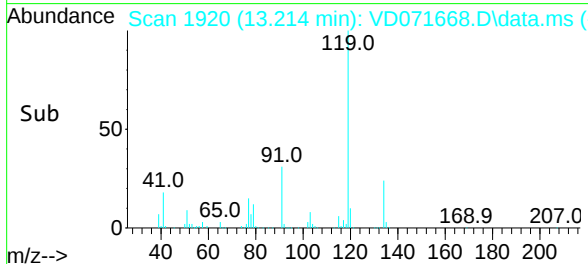
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



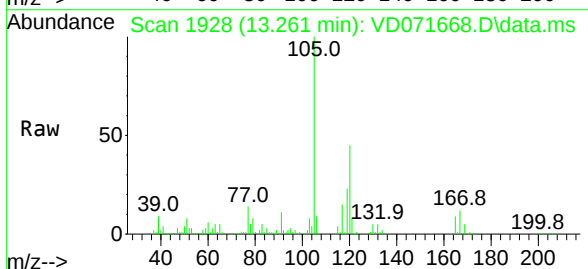
Tgt Ion:119 Resp: 603850
Ion Ratio Lower Upper
119 100
91 69.8 35.6 106.8
134 26.0 13.5 40.5

Manual Integrations
APPROVED

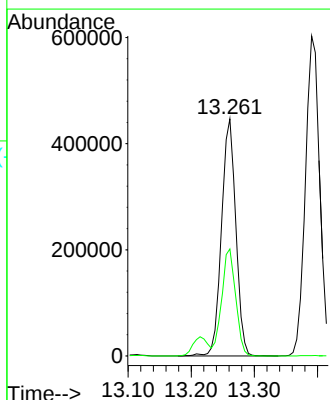
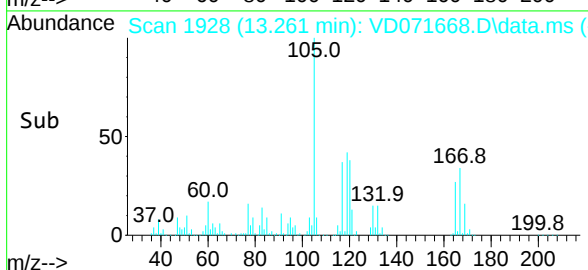
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

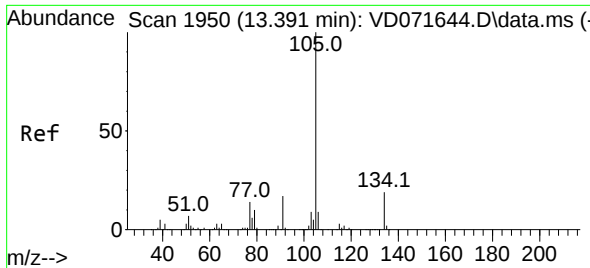


#84
1,2,4-Trimethylbenzene
Concen: 52.699 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion:105 Resp: 702192
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.9





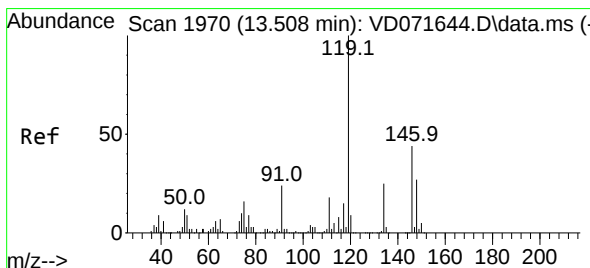
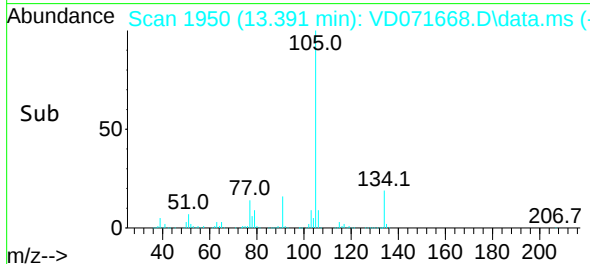
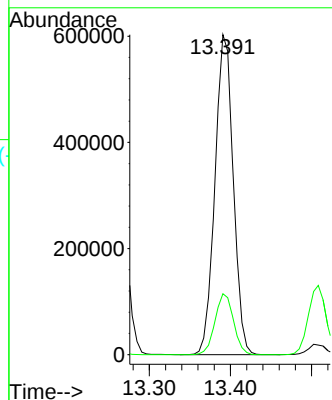
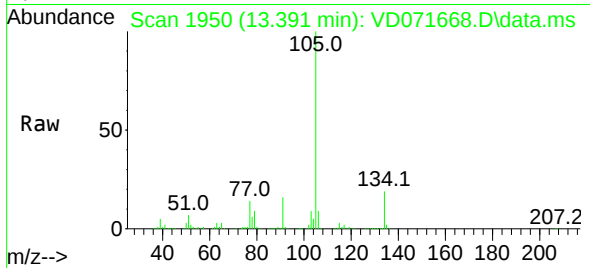
#85
 sec-Butylbenzene
 Concen: 53.623 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 945607
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

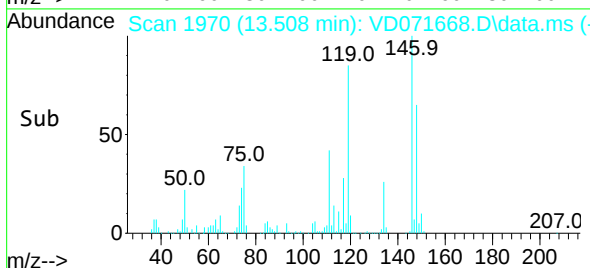
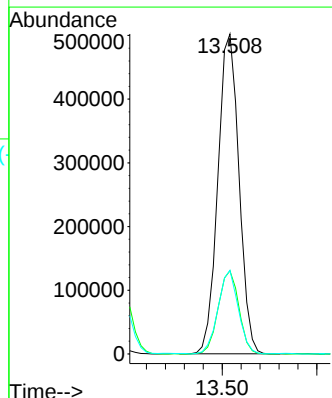
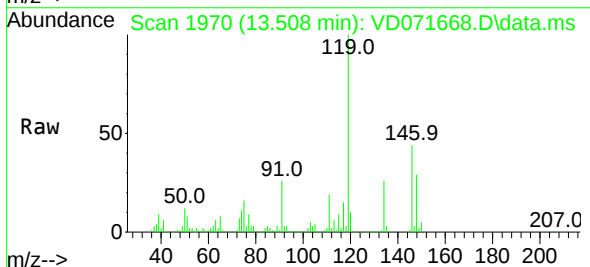
Manual Integrations
 APPROVED

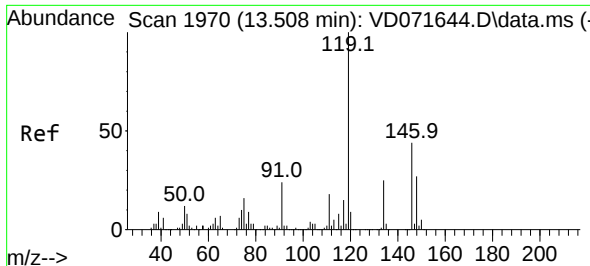
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 53.739 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36

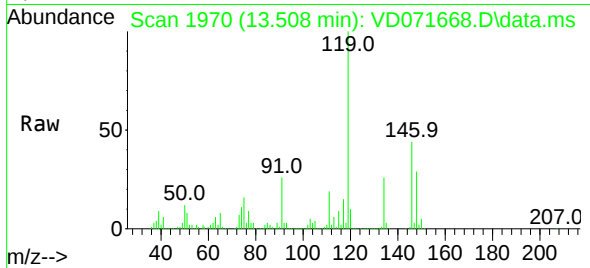
Tgt Ion:119 Resp: 778048
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.1
 91 25.2 12.4 37.2





#87
 1,3-Dichlorobenzene
 Concen: 50.510 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36

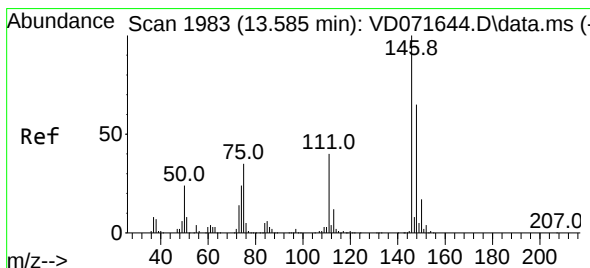
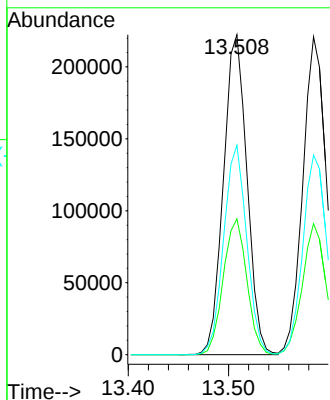
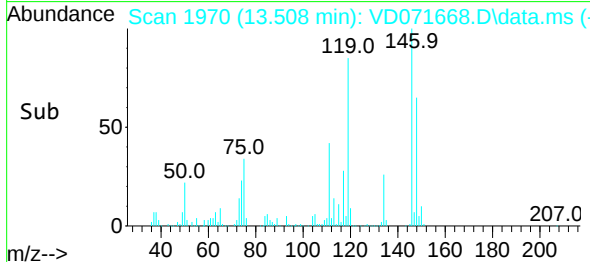
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



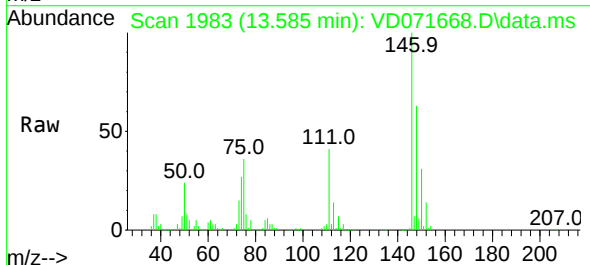
Tgt Ion:146 Resp: 363097
 Ion Ratio Lower Upper
 146 100
 111 42.5 20.8 62.5
 148 64.3 31.3 93.8

Manual Integrations
 APPROVED

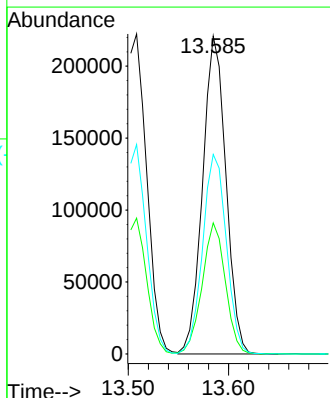
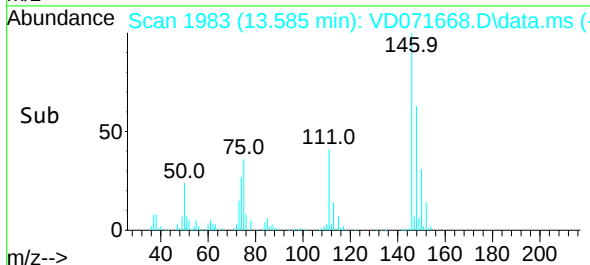
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

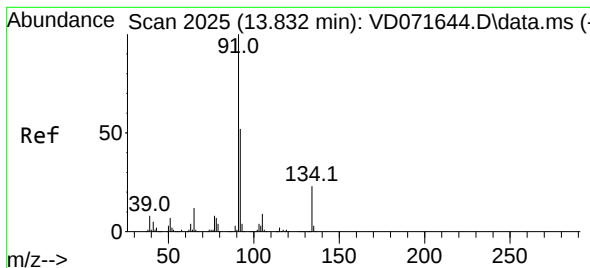


#88
 1,4-Dichlorobenzene
 Concen: 48.787 ug/l
 RT: 13.585 min Scan# 1983
 Delta R.T. 0.001 min
 Lab File: VD071668.D
 Acq: 11 Jan 2022 10:36



Tgt Ion:146 Resp: 357799
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.7 62.1
 148 63.9 32.3 96.9





#89

n-Butylbenzene

Concen: 53.348 ug/l

RT: 13.832 min Scan# 2025

Delta R.T. 0.001 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 773508

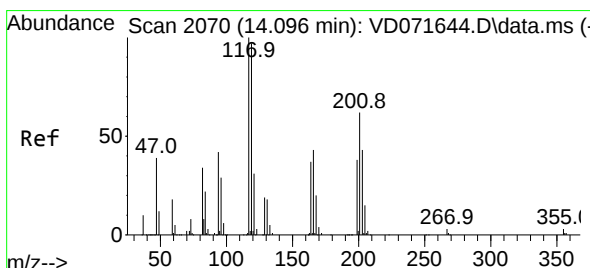
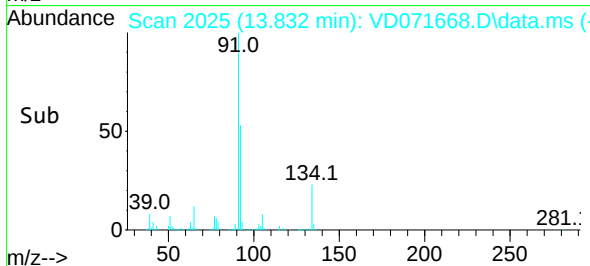
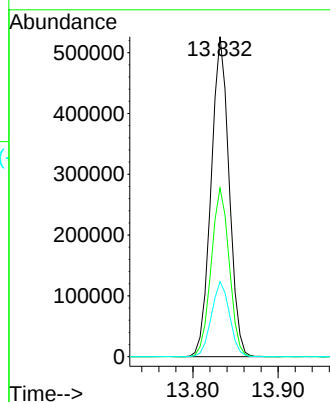
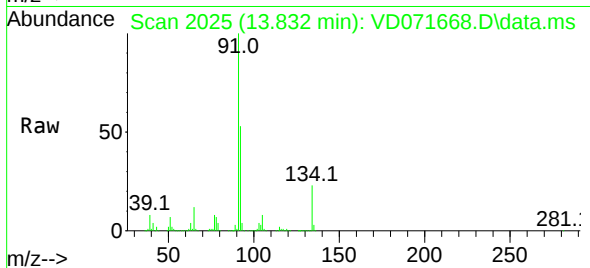
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.6	79.8
134	23.6	12.1	36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#90

Hexachloroethane

Concen: 53.048 ug/l

RT: 14.096 min Scan# 2070

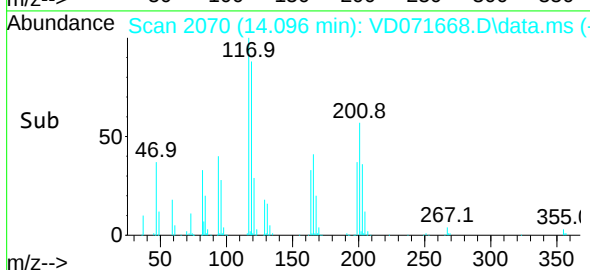
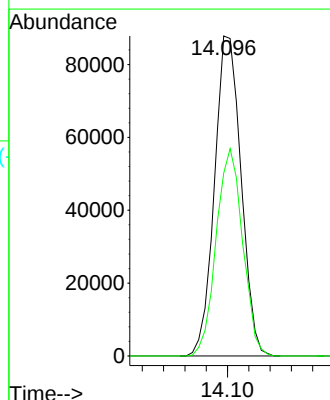
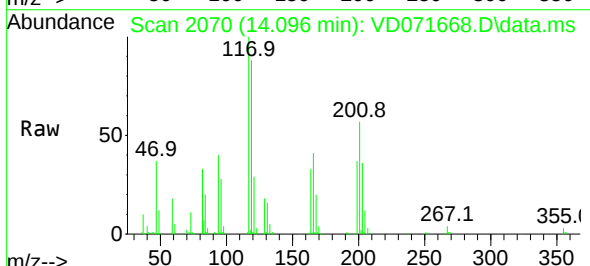
Delta R.T. -0.006 min

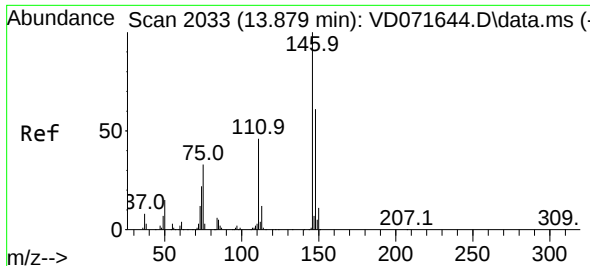
Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

Tgt Ion:117 Resp: 151956

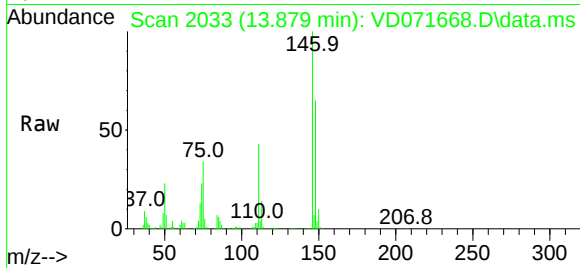
Ion	Ratio	Lower	Upper
117	100		
201	64.5	32.1	96.5





#91
1,2-Dichlorobenzene
Concen: 49.886 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

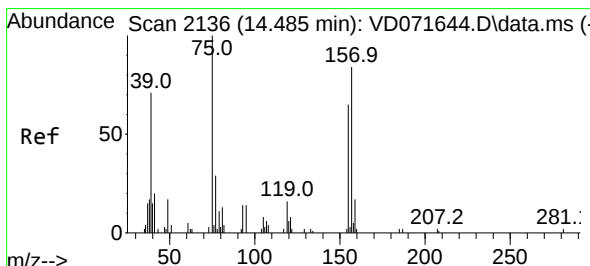
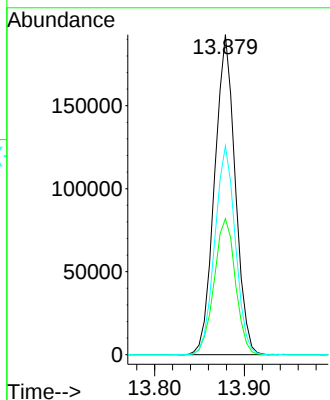
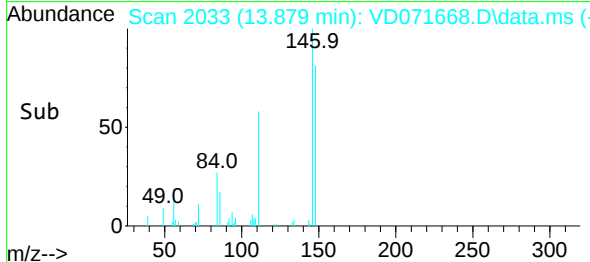
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



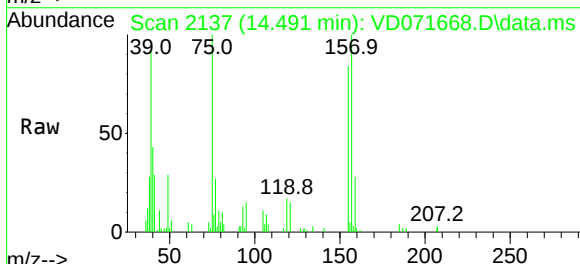
Tgt Ion:146 Resp: 30734
Ion Ratio Lower Upper
146 100
111 43.9 21.8 65.3
148 65.0 31.3 93.8

Manual Integrations
APPROVED

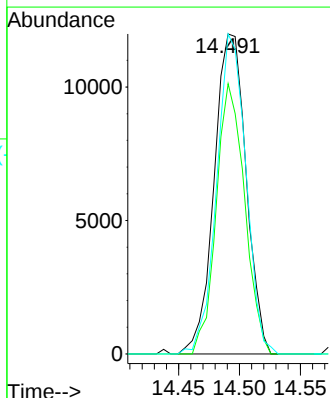
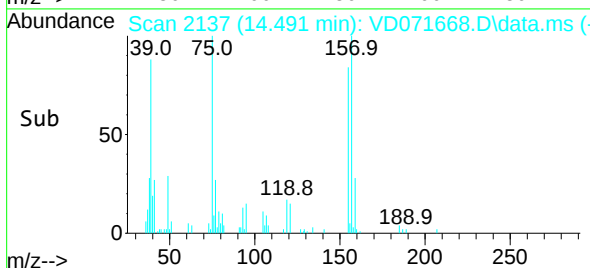
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

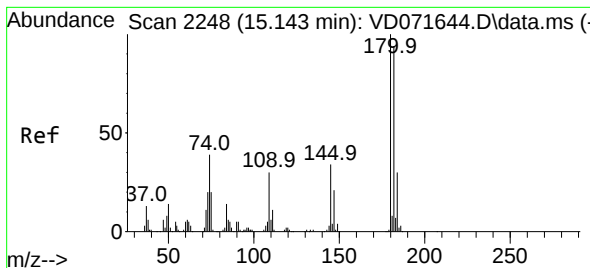


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.698 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion: 75 Resp: 21907
Ion Ratio Lower Upper
75 100
155 75.0 35.4 106.1
157 91.4 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 51.446 ug/l

RT: 15.149 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VD071668.D

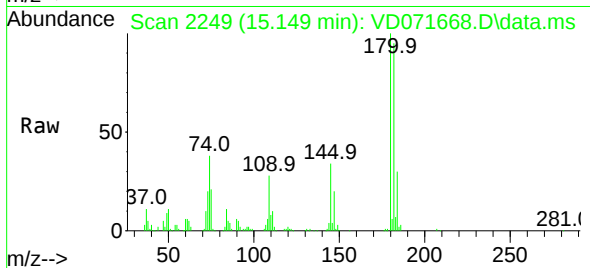
Acq: 11 Jan 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 18266

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

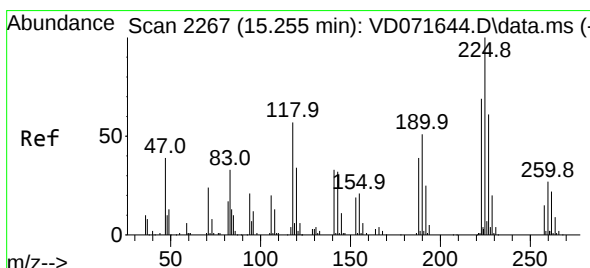
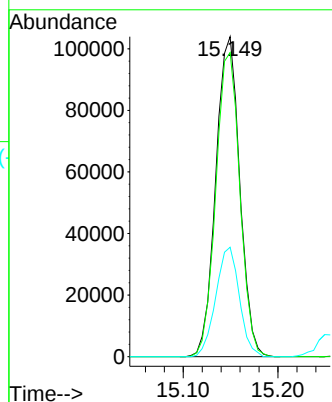
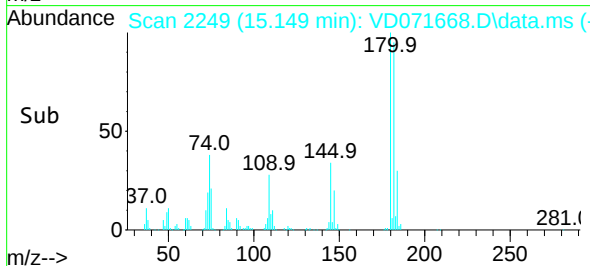
145 33.6 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#94

Hexachlorobutadiene

Concen: 51.267 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071668.D

Acq: 11 Jan 2022 10:36

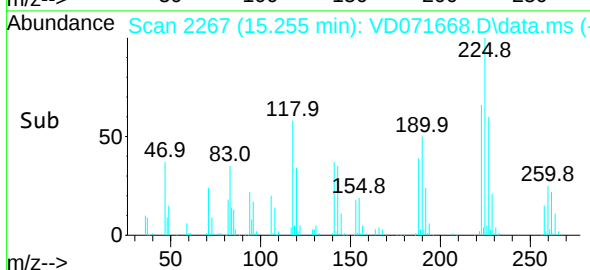
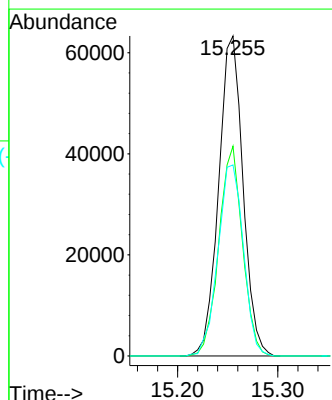
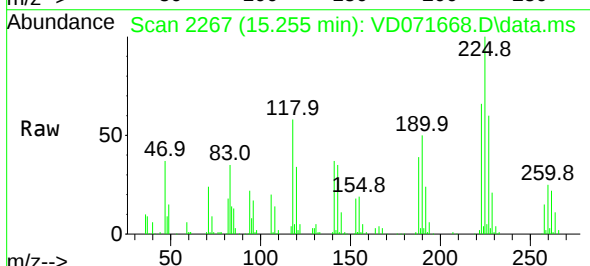
Tgt Ion:225 Resp: 106711

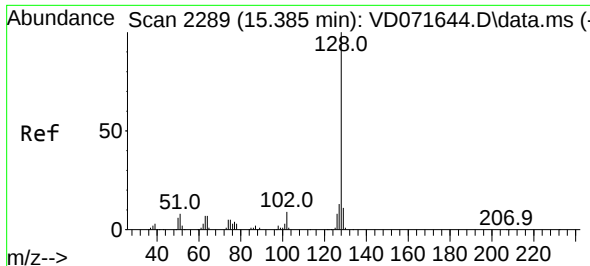
Ion Ratio Lower Upper

225 100

223 63.5 31.3 93.9

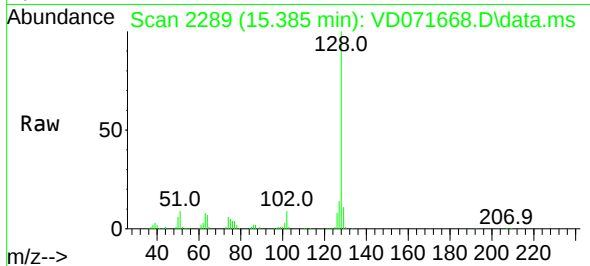
227 62.5 31.4 94.3





#95
Naphthalene
Concen: 51.582 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36

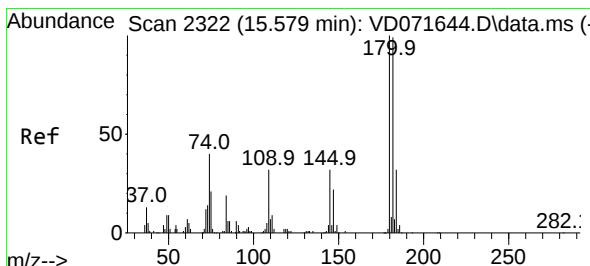
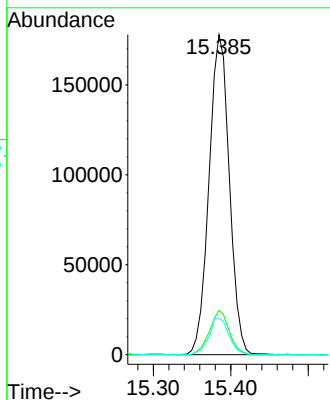
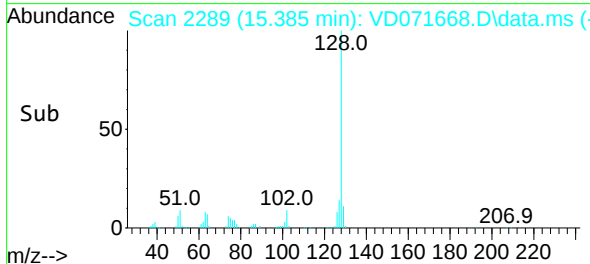
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



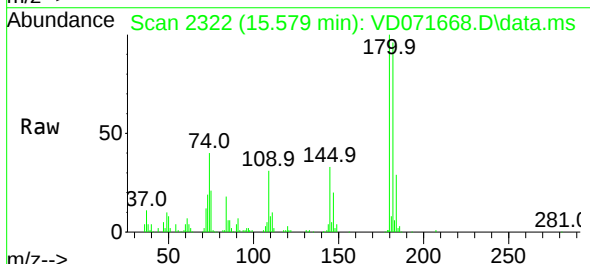
Tgt Ion:128 Resp: 324262
Ion Ratio Lower Upper
128 100
127 13.5 10.9 16.3
129 11.2 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.608 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071668.D
Acq: 11 Jan 2022 10:36



Tgt Ion:180 Resp: 156137
Ion Ratio Lower Upper
180 100
182 92.8 47.0 141.2
145 33.7 16.4 49.2

