

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011022\
 Data File : VD071666.D
 Acq On : 10 Jan 2022 19:17
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jan 11 04:11:35 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	7.979	168	296232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	506092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	464757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	223173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195743	51.354	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.700%			
35) Dibromofluoromethane	7.914	113	169301	50.619	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.338	98	659541	52.679	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.626	95	226710	51.388	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	113554	50.589	ug/l	97
3) Chloromethane	2.215	50	154062	52.395	ug/l	98
4) Vinyl Chloride	2.356	62	180465	48.997	ug/l	96
5) Bromomethane	2.779	94	124619	50.657	ug/l	96
6) Chloroethane	2.932	64	128281	48.873	ug/l	93
7) Trichlorofluoromethane	3.285	101	244771	46.879	ug/l	95
8) Diethyl Ether	3.715	74	69980	50.959	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	148012	48.500	ug/l	99
10) Methyl Iodide	4.309	142	159239	54.573	ug/l	99
11) Tert butyl alcohol	5.209	59	50402	269.364	ug/l	98
12) 1,1-Dichloroethene	4.079	96	129240	48.802	ug/l	93
13) Acrolein	3.926	56	72395	194.594	ug/l	99
14) Allyl chloride	4.720	41	269353	51.295	ug/l	99
15) Acrylonitrile	5.420	53	176738	243.532	ug/l	98
16) Acetone	4.156	43	223324	253.772	ug/l	94
17) Carbon Disulfide	4.420	76	326515	49.128	ug/l	100
18) Methyl Acetate	4.720	43	124290	49.176	ug/l	99
19) Methyl tert-butyl Ether	5.479	73	347996	49.781	ug/l	100
20) Methylene Chloride	4.973	84	165053	50.766	ug/l	96
21) trans-1,2-Dichloroethene	5.479	96	152101	50.294	ug/l	93
22) Diisopropyl ether	6.362	45	595782	52.691	ug/l	95
23) Vinyl Acetate	6.309	43	1402433	265.779	ug/l	98
24) 1,1-Dichloroethane	6.273	63	326323	50.561	ug/l	98
25) 2-Butanone	7.214	43	256630	246.821	ug/l #	90
26) 2,2-Dichloropropane	7.214	77	269216	49.674	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	185326	51.918	ug/l	100
28) Bromochloromethane	7.550	49	154389	49.105	ug/l	96
29) Tetrahydrofuran	7.562	42	146988	245.742	ug/l	98
30) Chloroform	7.714	83	343409	52.033	ug/l	94
31) Cyclohexane	7.991	56	262906	49.828	ug/l	97
32) 1,1,1-Trichloroethane	7.903	97	288564	49.607	ug/l	100
36) 1,1-Dichloropropene	8.114	75	235785	49.420	ug/l	99
37) Ethyl Acetate	7.291	43	104965	47.403	ug/l	97
38) Carbon Tetrachloride	8.097	117	243509	50.399	ug/l	97
39) Methylcyclohexane	9.356	83	257315	49.931	ug/l	95
40) Benzene	8.350	78	668780	50.876	ug/l	100

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	67452	49.421	ug/l	96
42) 1,2-Dichloroethane	8.426	62	220613	49.579	ug/l	100
43) Isopropyl Acetate	8.450	43	211644	50.776	ug/l	99
44) Trichloroethene	9.108	130	168978	49.950	ug/l	95
45) 1,2-Dichloropropane	9.385	63	181171	50.984	ug/l	99
46) Dibromomethane	9.473	93	91327	50.211	ug/l	98
47) Bromodichloromethane	9.661	83	260161	52.098	ug/l	99
48) Methyl methacrylate	9.450	41	108256	51.395	ug/l	94
49) 1,4-Dioxane	9.461	88	18238	1000.158	ug/l #	72
51) 4-Methyl-2-Pentanone	10.226	43	554505	251.852	ug/l	99
52) Toluene	10.403	92	437459	52.869	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	226856	51.788	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	258693	50.086	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	125670	52.705	ug/l	97
56) Ethyl methacrylate	10.655	69	155785	53.301	ug/l	97
57) 1,3-Dichloropropane	10.938	76	225717	51.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	387314	240.051	ug/l	100
59) 2-Hexanone	10.979	43	399199	259.594	ug/l	99
60) Dibromochloromethane	11.138	129	157880	52.019	ug/l	96
61) 1,2-Dibromoethane	11.244	107	116460	51.050	ug/l	98
64) Tetrachloroethene	10.873	164	138924	50.887	ug/l	95
65) Chlorobenzene	11.667	112	450062	50.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	172687	51.209	ug/l	97
67) Ethyl Benzene	11.738	91	859320	52.631	ug/l	100
68) m/p-Xylenes	11.850	106	650101	107.057	ug/l	98
69) o-Xylene	12.173	106	304153	52.918	ug/l	99
70) Styrene	12.191	104	529692	53.767	ug/l	99
71) Bromoform	12.355	173	86412	52.479	ug/l #	98
73) Isopropylbenzene	12.473	105	821335	51.212	ug/l	97
74) N-amyl acetate	12.279	43	199714	50.765	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	138932	48.886	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	97883m	45.390	ug/l	
77) Bromobenzene	12.755	156	177513	51.240	ug/l	99
78) n-propylbenzene	12.814	91	1048405	51.978	ug/l	99
79) 2-Chlorotoluene	12.897	91	589199	51.828	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	689883	51.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	35464	45.848	ug/l	98
82) 4-Chlorotoluene	12.997	91	610823	51.791	ug/l	100
83) tert-Butylbenzene	13.214	119	586341	51.207	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	699357	52.775	ug/l	100
85) sec-Butylbenzene	13.391	105	913128	52.066	ug/l	100
86) p-Isopropyltoluene	13.502	119	765628	53.172	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	372558	52.111	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	363085	49.780	ug/l	98
89) n-Butylbenzene	13.832	91	754049	52.291	ug/l	99
90) Hexachloroethane	14.102	117	147534	51.787	ug/l	99
91) 1,2-Dichlorobenzene	13.879	146	314928	51.398	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	21835	47.803	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	187975	53.234	ug/l	98
94) Hexachlorobutadiene	15.255	225	103229	49.867	ug/l	97
95) Naphthalene	15.385	128	324398	51.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	157679	52.404	ug/l	100

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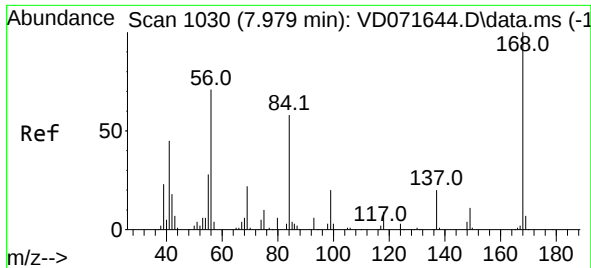
Manual Integrations
APPROVED

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

Quant Time: Jan 11 04:11:35 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

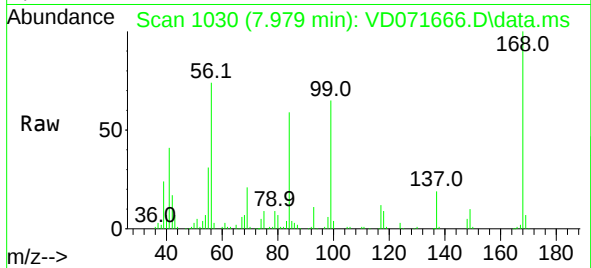
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

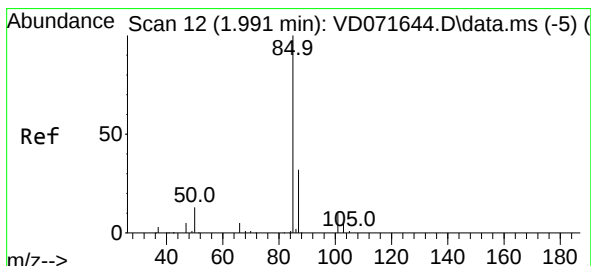
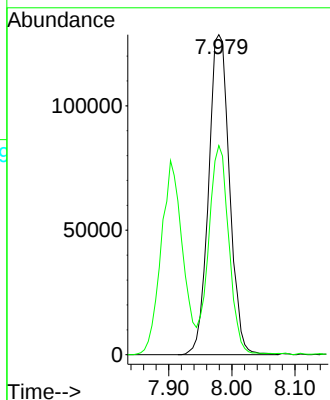
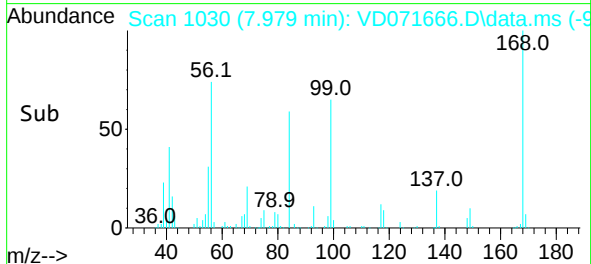
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 29623
Ion Ratio Lower Upper
168 100
99 64.9 51.8 77.6

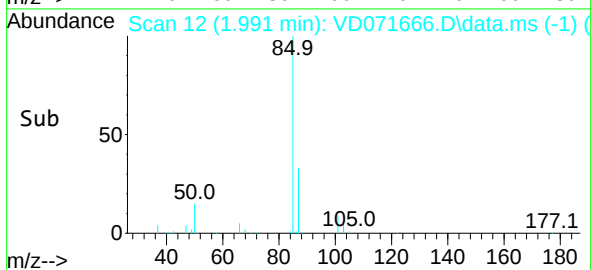
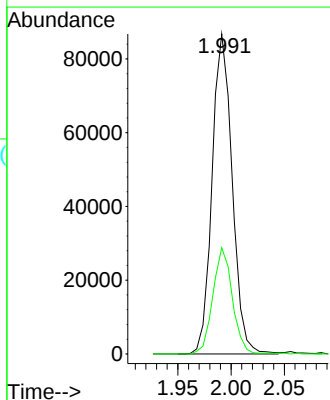
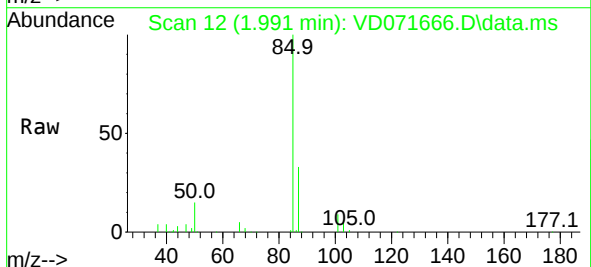
Manual Integrations
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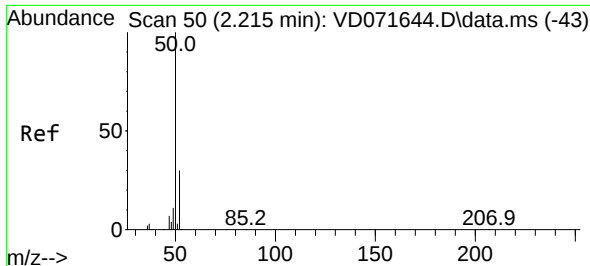
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#2
Dichlorodifluoromethane
Concen: 50.589 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

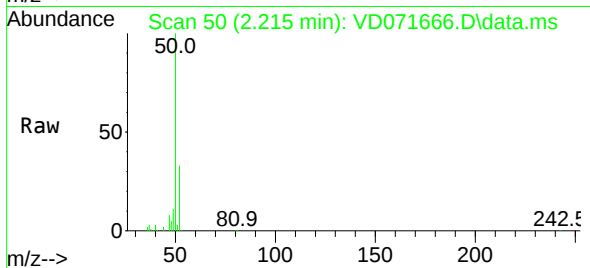
Tgt Ion: 85 Resp: 113554
Ion Ratio Lower Upper
85 100
87 33.2 15.9 47.6





#3
Chloromethane
Concen: 52.395 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

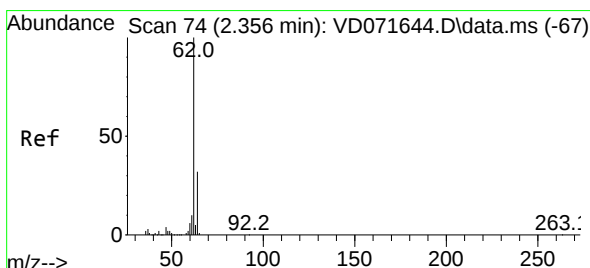
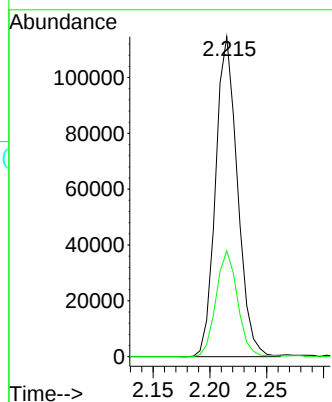
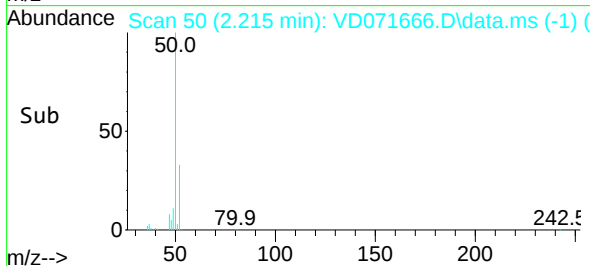
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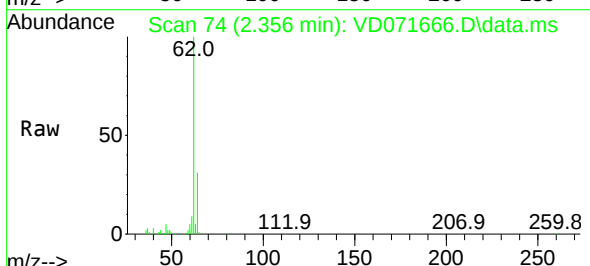
Tgt Ion: 50 Resp: 154062
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.0

Manual Integrations
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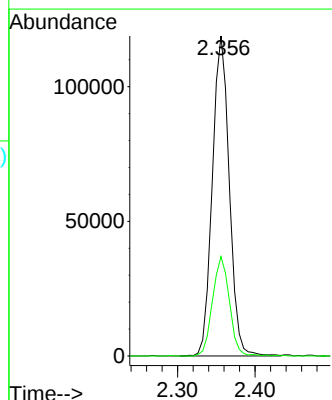
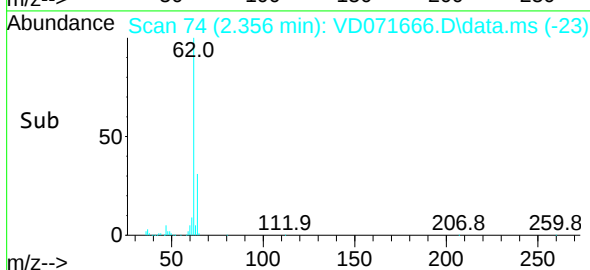
Reviewed By :John Carlone 01/12/2022
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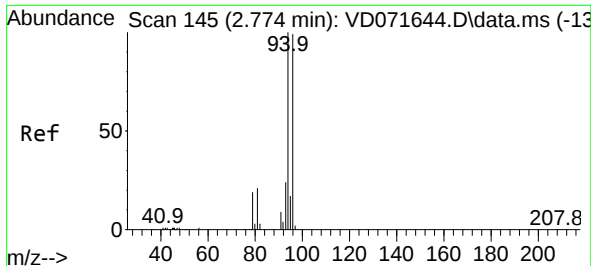


#4
Vinyl Chloride
Concen: 48.997 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



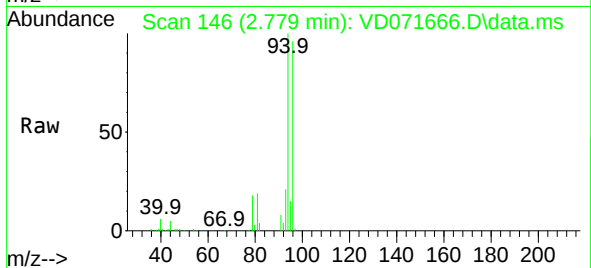
Tgt Ion: 62 Resp: 180465
Ion Ratio Lower Upper
62 100
64 31.1 23.2 34.8





#5
Bromomethane
Concen: 50.657 ug/l
RT: 2.779 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

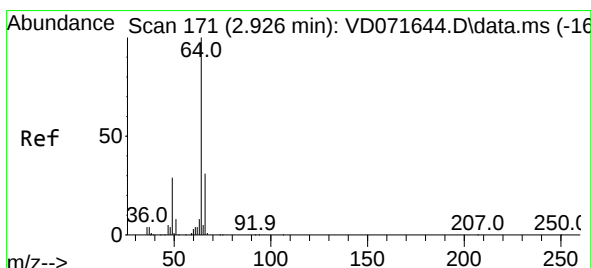
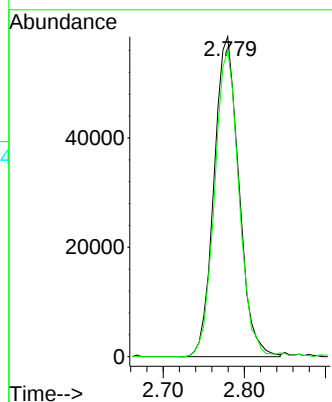
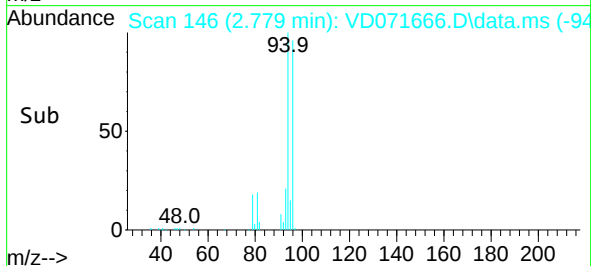
Instrument :
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Tgt Ion: 94 Resp: 124619
Ion Ratio Lower Upper
94 100
96 96.0 73.7 110.5

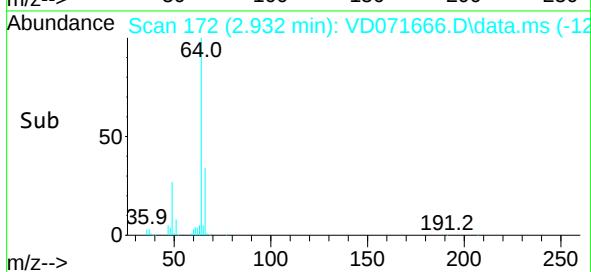
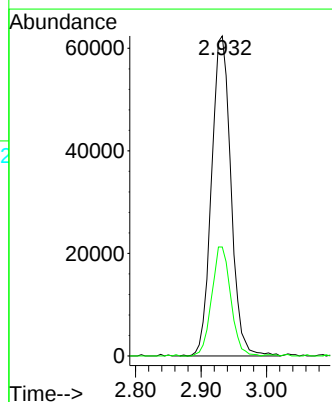
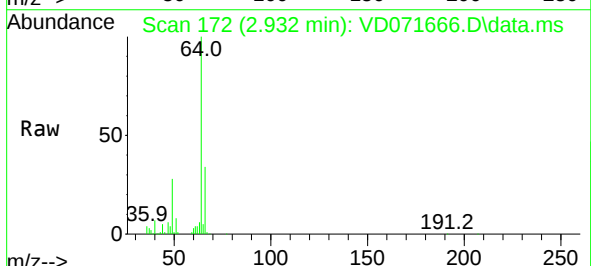
Manual Integrations
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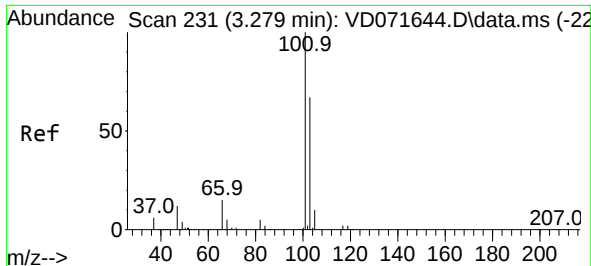
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#6
Chloroethane
Concen: 48.873 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

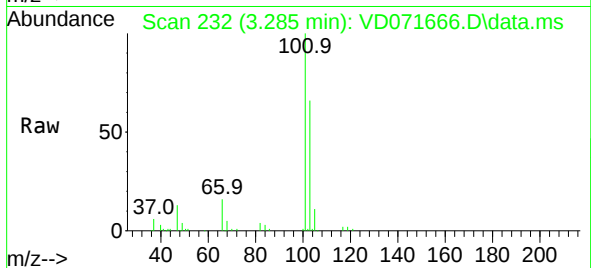
Tgt Ion: 64 Resp: 128281
Ion Ratio Lower Upper
64 100
66 34.0 24.2 36.2





#7
Trichlorofluoromethane
Concen: 46.879 ug/l
RT: 3.285 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

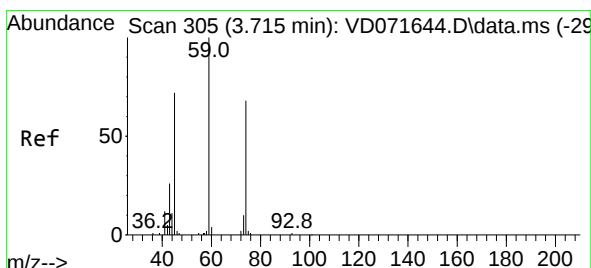
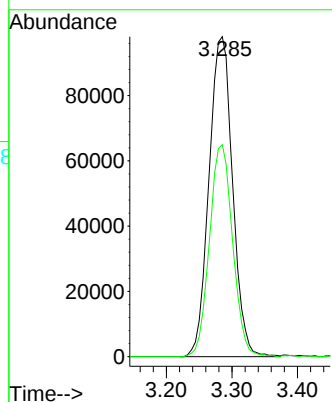
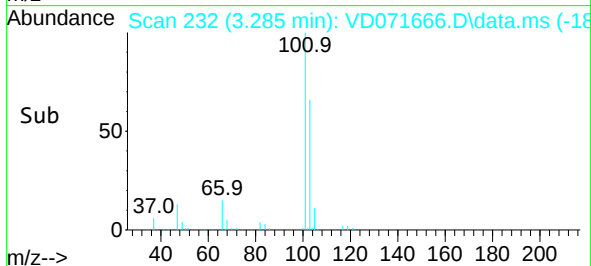
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 24477
Ion Ratio Lower Upper
101 100
103 66.2 49.8 74.6

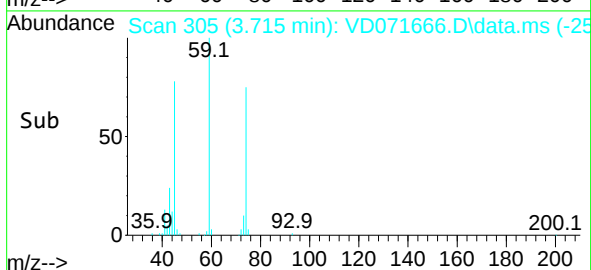
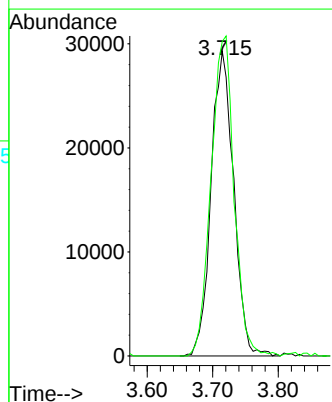
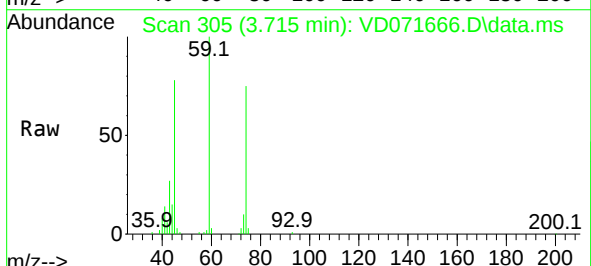
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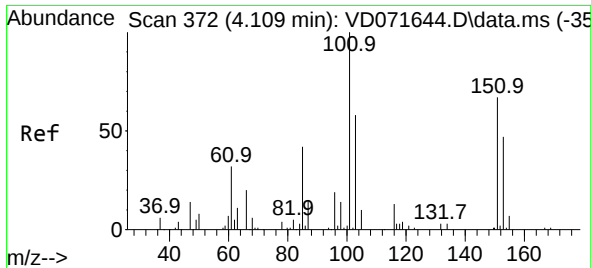
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#8
Diethyl Ether
Concen: 50.959 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Tgt Ion: 74 Resp: 69980
Ion Ratio Lower Upper
74 100
45 107.3 56.5 169.5





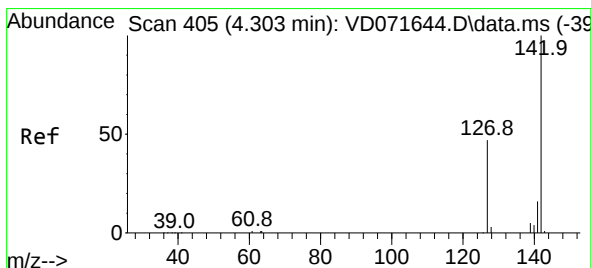
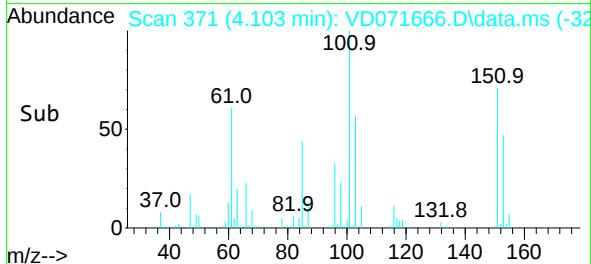
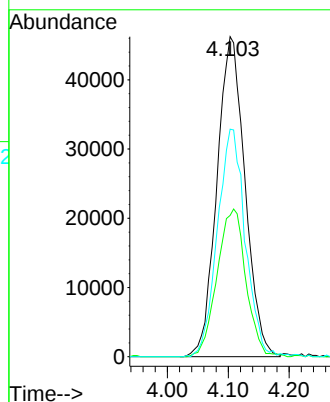
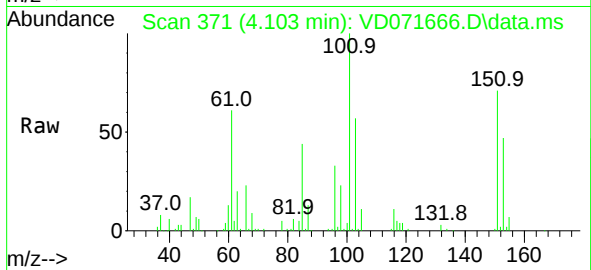
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.500 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14801
Ion Ratio Lower Upper
101 100
85 47.4 38.7 58.1
151 70.6 56.2 84.2

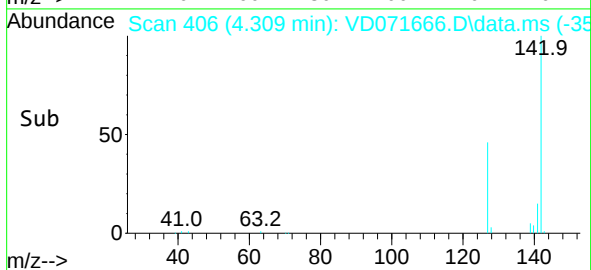
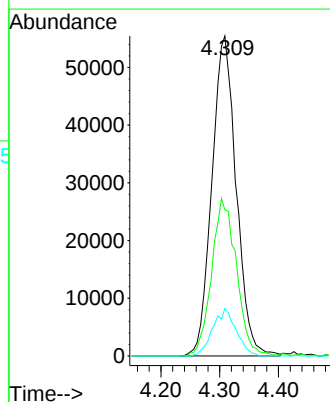
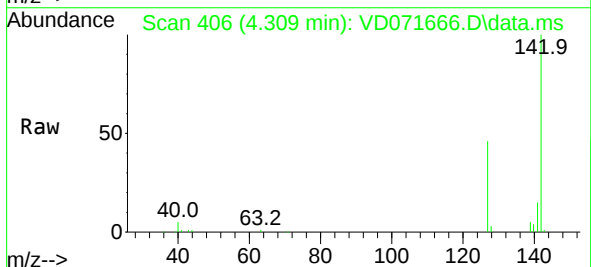
Manual Integrations
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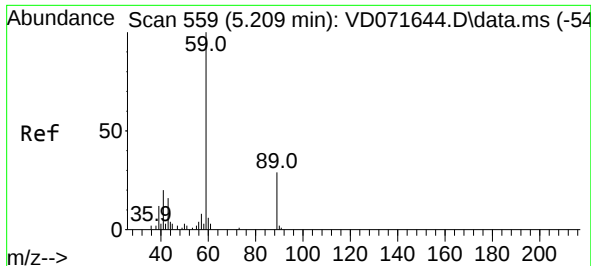
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#10
Methyl Iodide
Concen: 54.573 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.007 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Tgt Ion:142 Resp: 159239
Ion Ratio Lower Upper
142 100
127 50.1 39.4 59.2
141 14.3 11.9 17.9





#11

Tert butyl alcohol

Concen: 269.364 ug/l

RT: 5.209 min Scan# 51

Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 5040

Ion Ratio Lower Upper

59 100

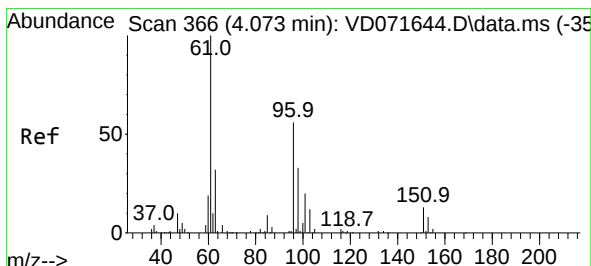
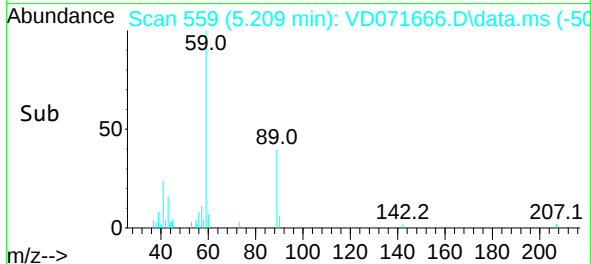
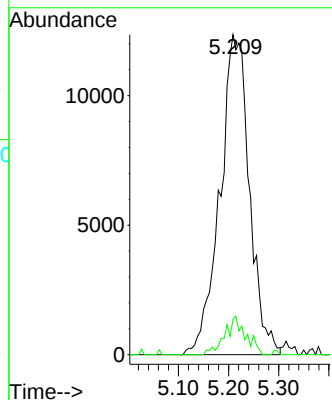
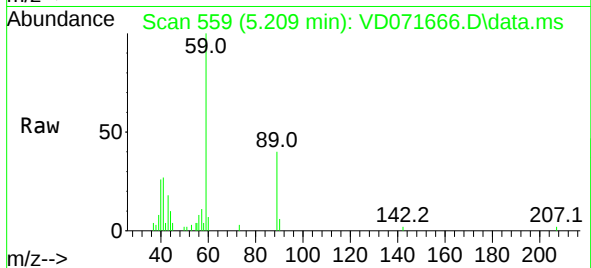
57 8.5 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#12

1,1-Dichloroethene

Concen: 48.802 ug/l

RT: 4.079 min Scan# 367

Delta R.T. 0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

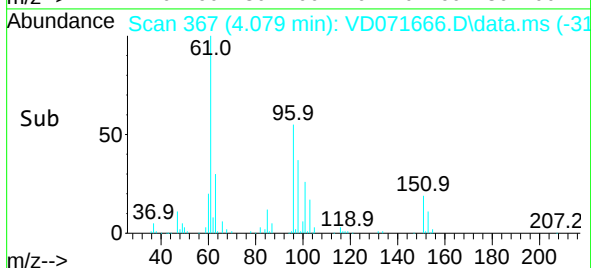
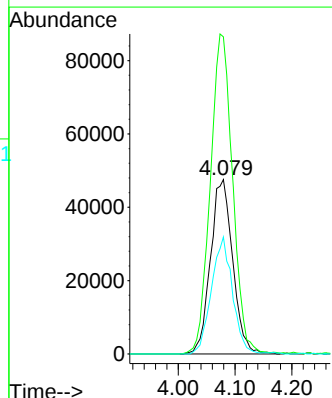
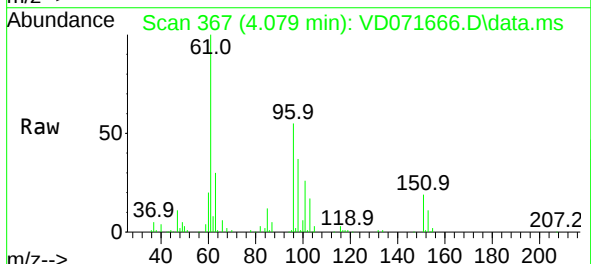
Tgt Ion: 96 Resp: 129240

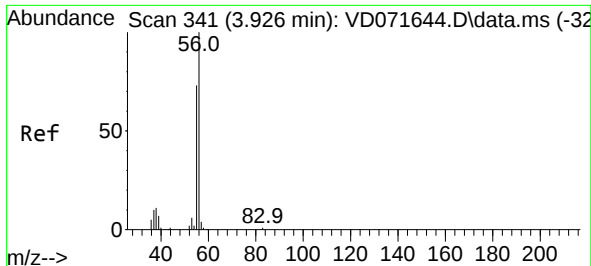
Ion Ratio Lower Upper

96 100

61 181.7 137.8 206.8

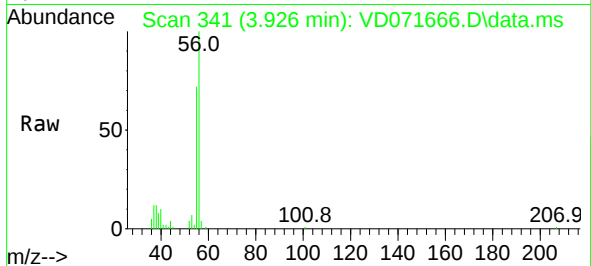
98 67.0 48.3 72.5





#13
Acrolein
Concen: 194.594 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

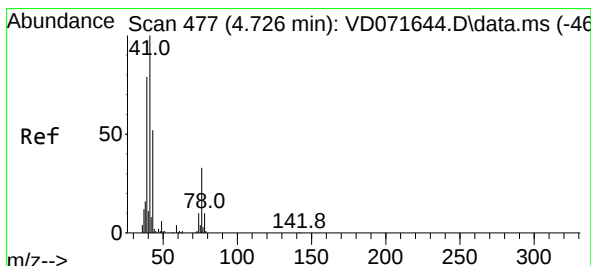
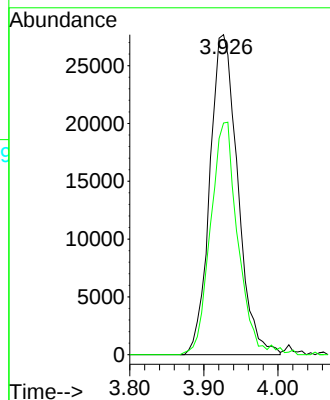
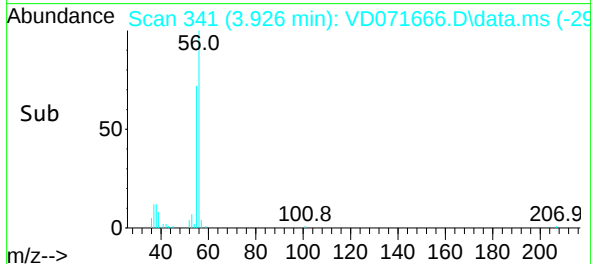
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



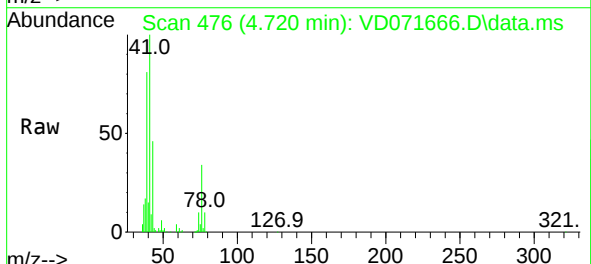
Tgt Ion: 56 Resp: 72395
Ion Ratio Lower Upper
56 100
55 70.2 56.9 85.3

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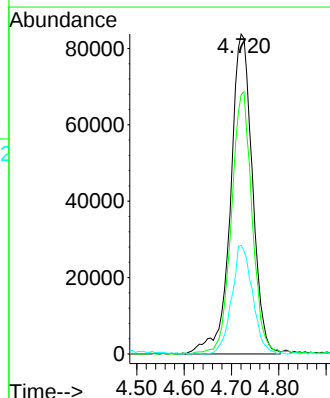
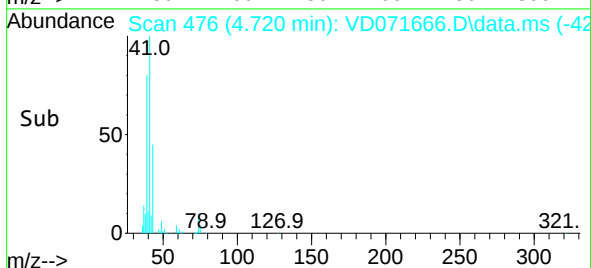
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

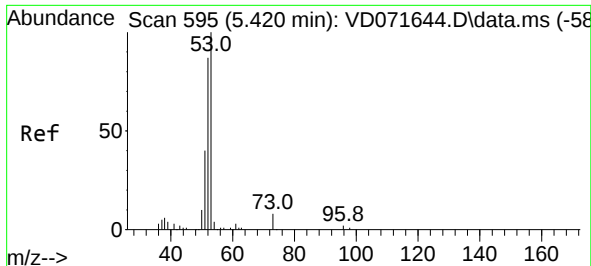


#14
Allyl chloride
Concen: 51.295 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



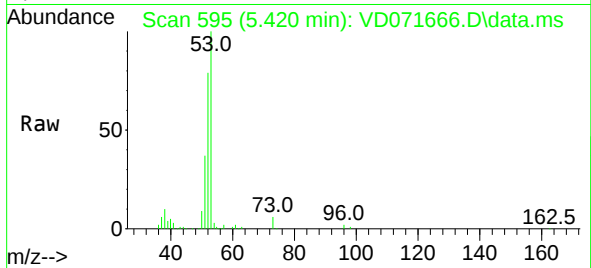
Tgt Ion: 41 Resp: 269353
Ion Ratio Lower Upper
41 100
39 78.0 63.2 94.8
76 32.3 25.8 38.6





#15
Acrylonitrile
Concen: 243.532 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

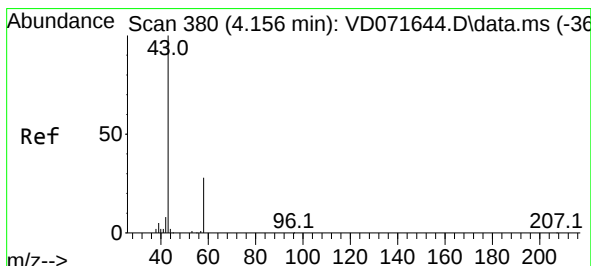
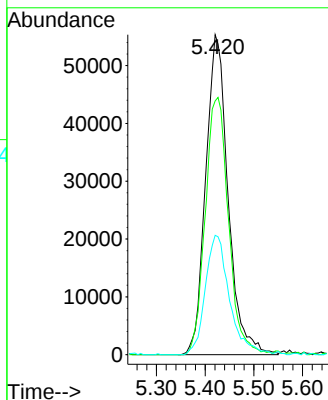
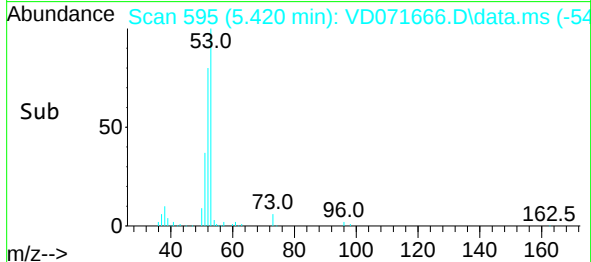
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



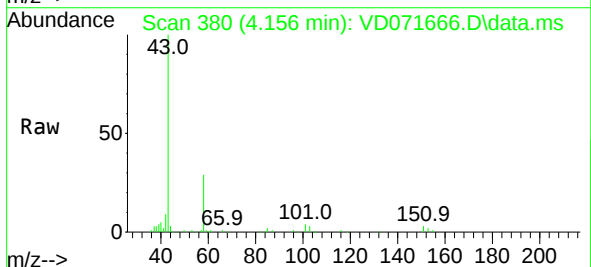
Tgt Ion: 53 Resp: 176738
Ion Ratio Lower Upper
53 100
52 83.5 65.6 98.4
51 40.2 31.2 46.8

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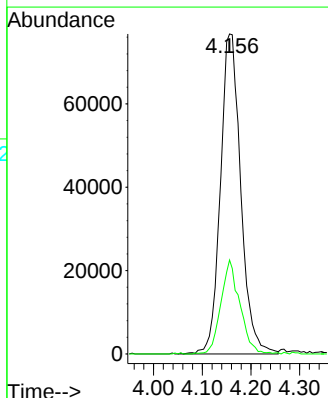
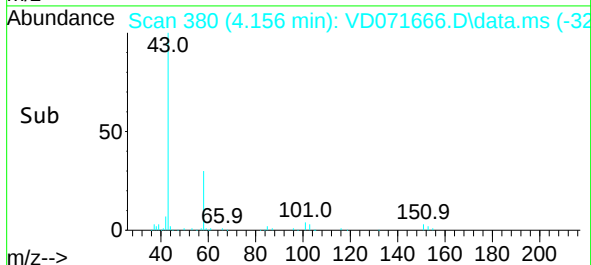
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

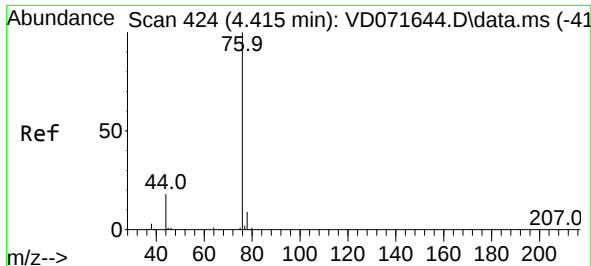


#16
Acetone
Concen: 253.772 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



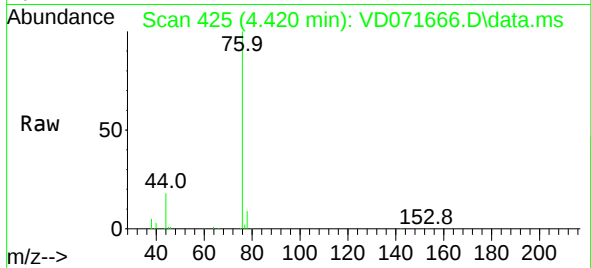
Tgt Ion: 43 Resp: 223324
Ion Ratio Lower Upper
43 100
58 29.3 21.0 31.6





#17
Carbon Disulfide
Concen: 49.128 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

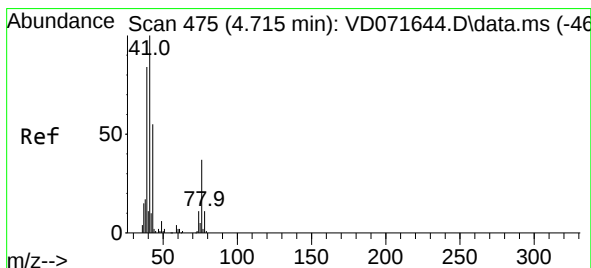
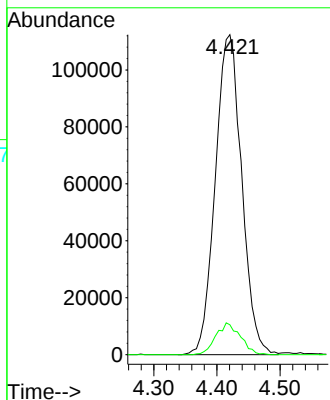
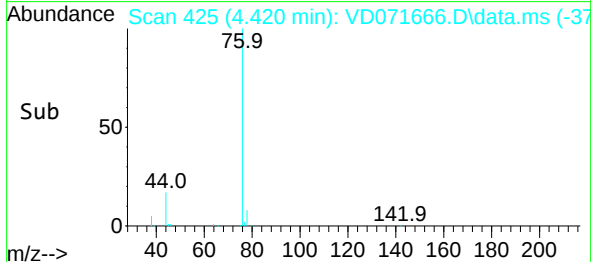
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 32651
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

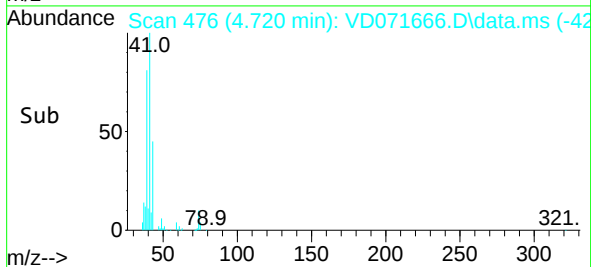
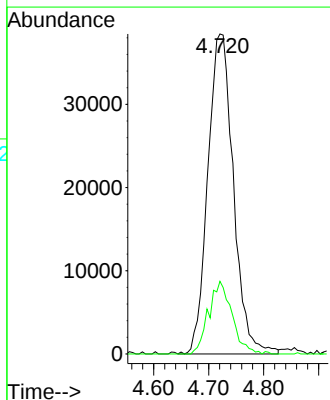
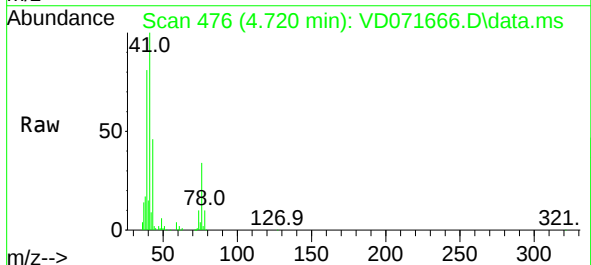
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 49.176 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

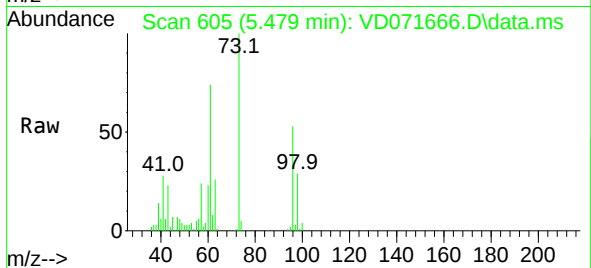
Tgt Ion: 43 Resp: 124290
Ion Ratio Lower Upper
43 100
74 20.7 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 49.781 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

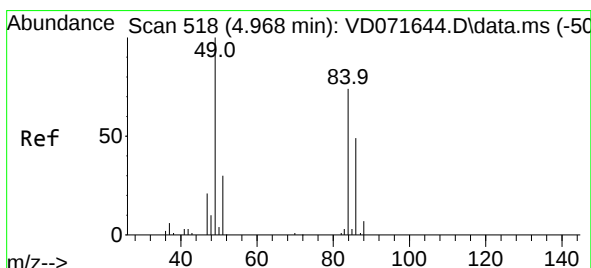
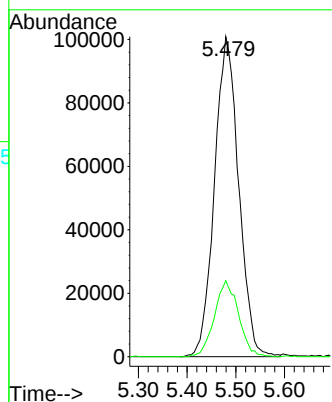
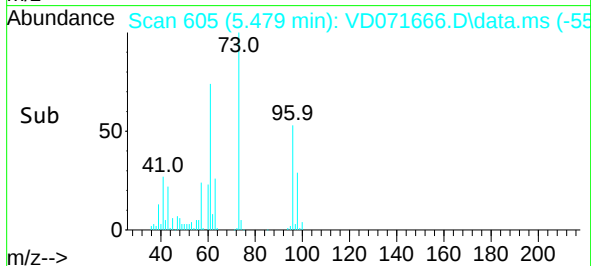
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 347990
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8

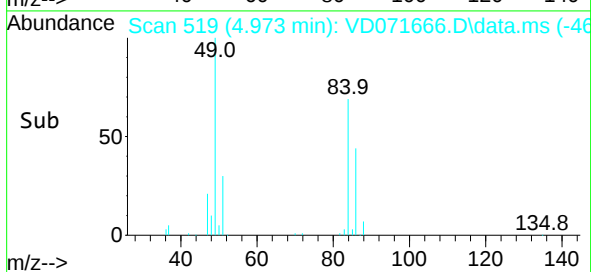
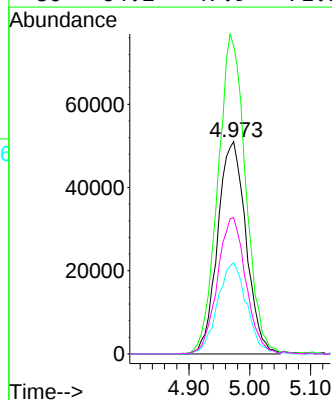
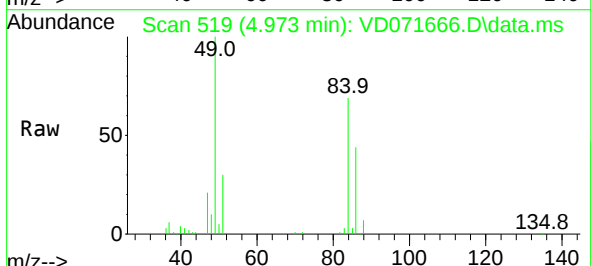
Manual Integrations
APPROVED

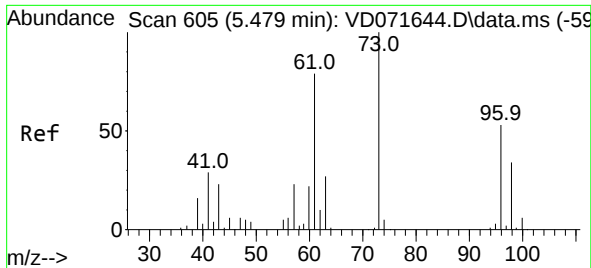
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#20
Methylene Chloride
Concen: 50.766 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

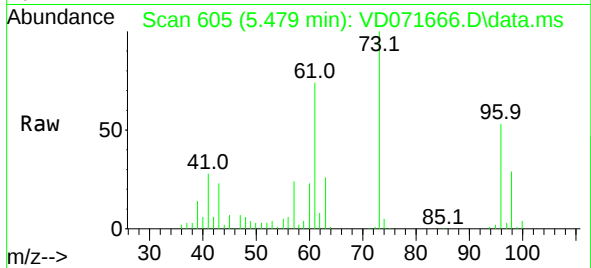
Tgt Ion: 84 Resp: 165053
Ion Ratio Lower Upper
84 100
49 145.2 118.6 178.0
51 43.0 37.8 56.6
86 64.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 50.294 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

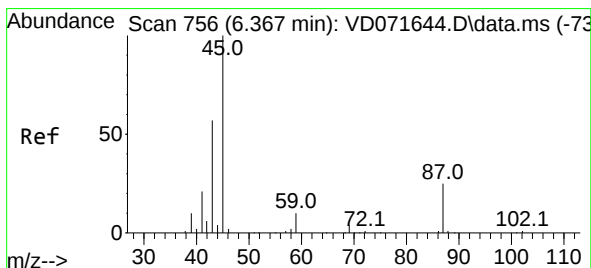
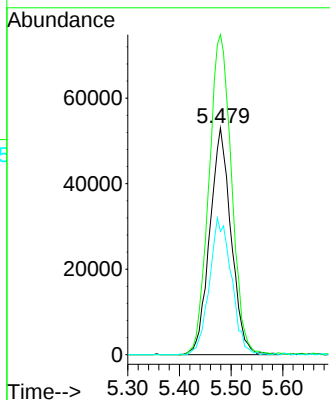
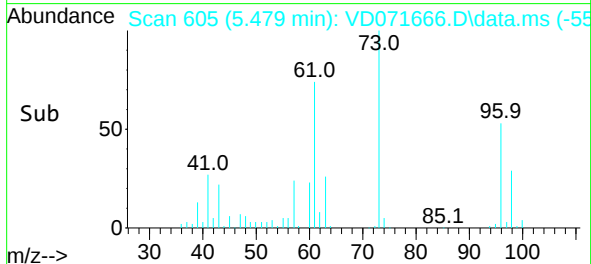
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 15210
Ion Ratio Lower Upper
96 100
61 141.1 119.4 179.0
98 54.3 49.3 73.9

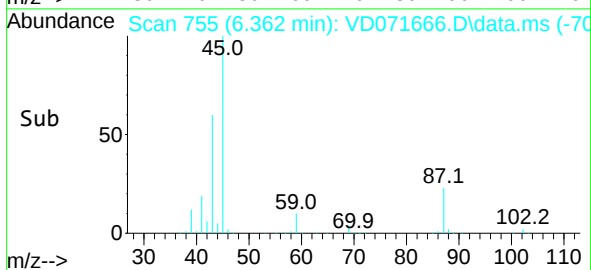
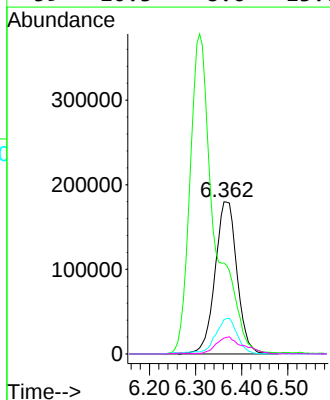
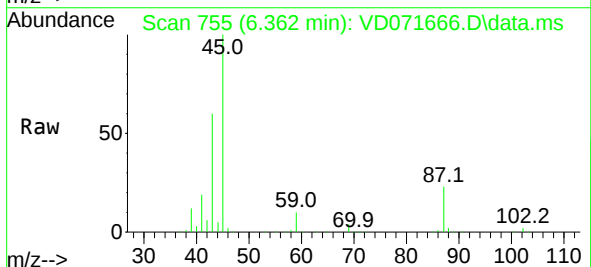
Manual Integrations
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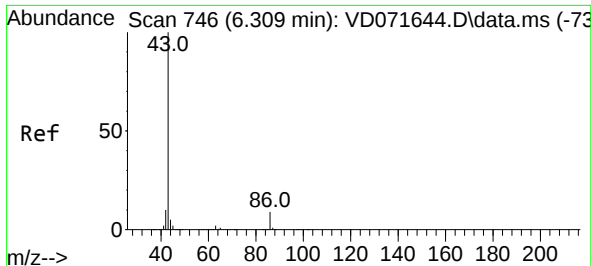
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#22
Diisopropyl ether
Concen: 52.691 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

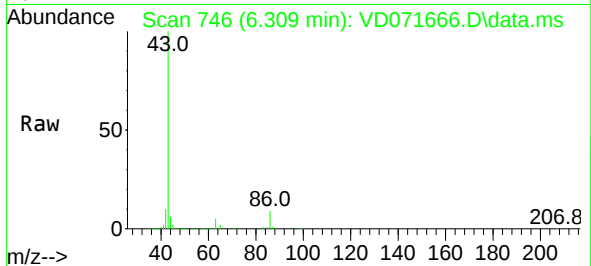
Tgt Ion: 45 Resp: 595782
Ion Ratio Lower Upper
45 100
43 59.0 43.0 64.6
87 22.3 19.0 28.4
59 10.3 8.6 13.0





#23
 Vinyl Acetate
 Concen: 265.779 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17

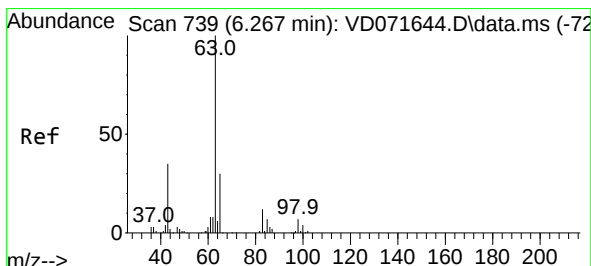
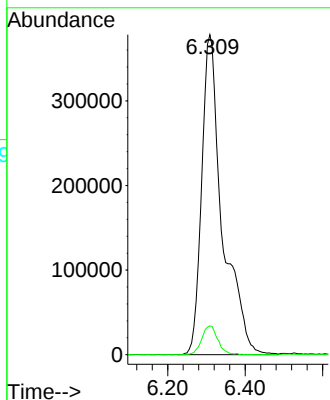
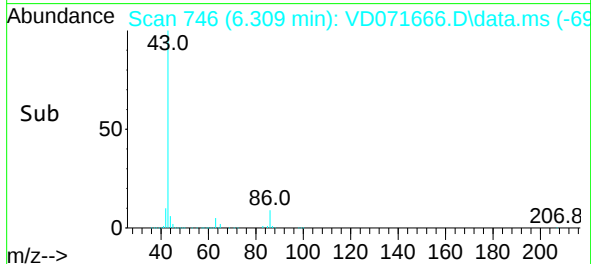
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



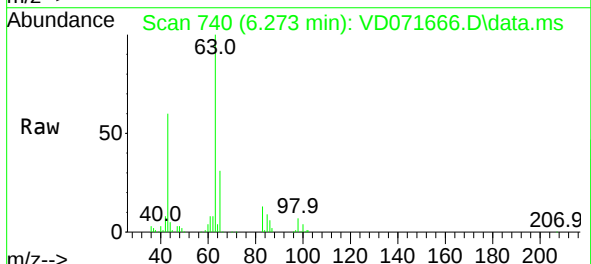
Tgt Ion: 43 Resp: 140243
 Ion Ratio Lower Upper
 43 100
 86 9.0 6.7 10.1

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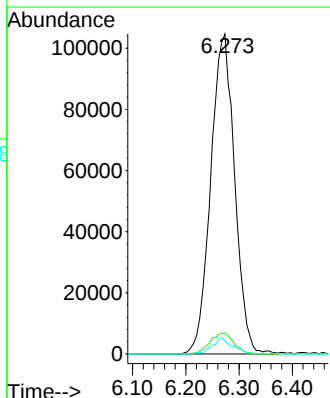
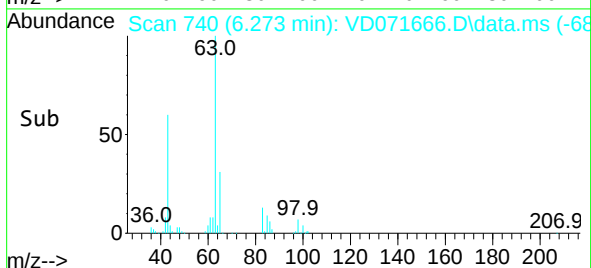
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

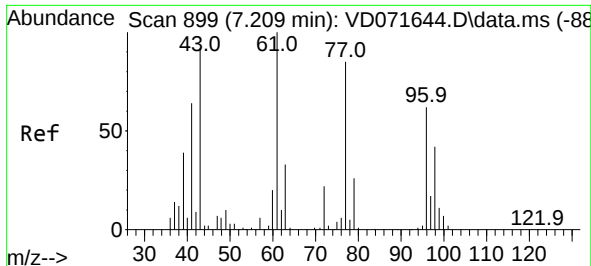


#24
 1,1-Dichloroethane
 Concen: 50.561 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17



Tgt Ion: 63 Resp: 326323
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.1
 100 4.0 2.5 7.5





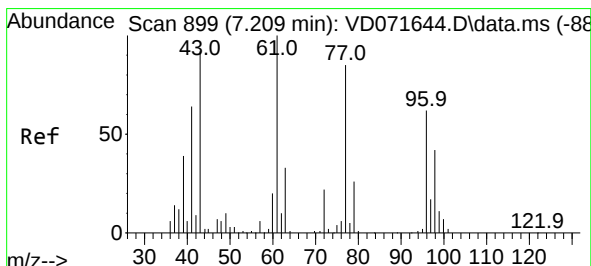
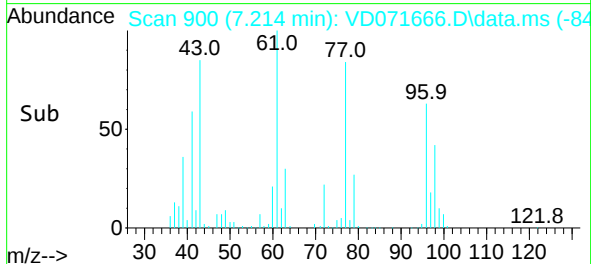
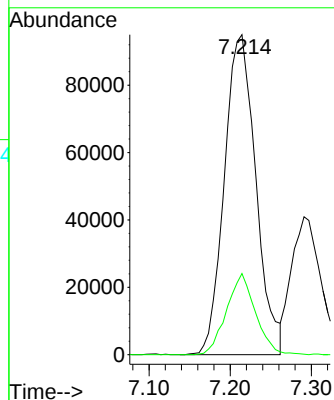
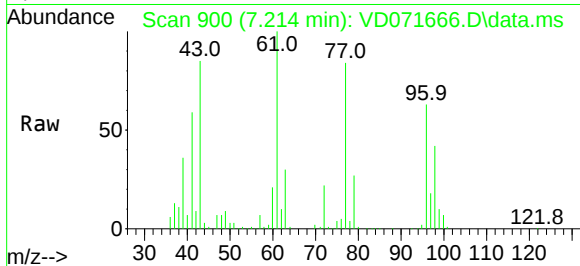
#25
2-Butanone
Concen: 246.821 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 256630
Ion Ratio Lower Upper
43 100
72 25.3 16.4 24.6

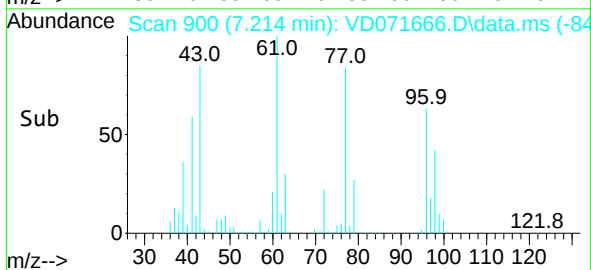
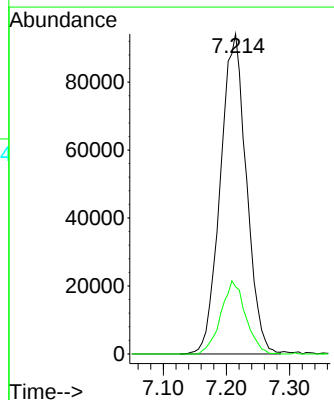
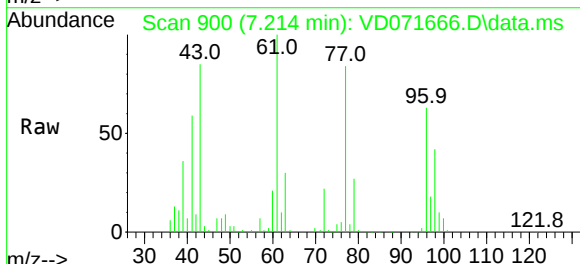
Manual Integrations
APPROVED

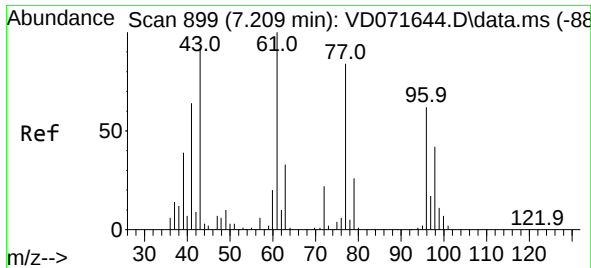
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#26
2,2-Dichloropropane
Concen: 49.674 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

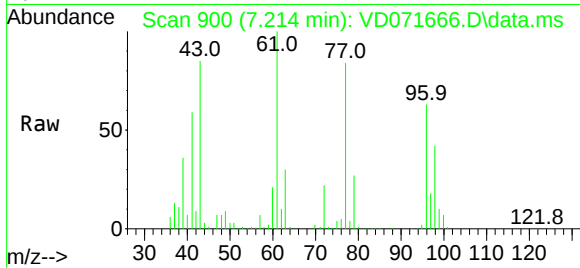
Tgt Ion: 77 Resp: 269216
Ion Ratio Lower Upper
77 100
97 21.7 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 51.918 ug/l
 RT: 7.214 min Scan# 900
 Delta R.T. 0.000 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17

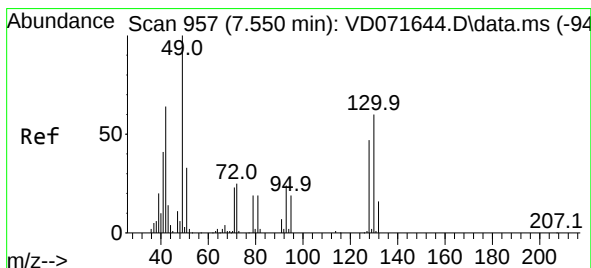
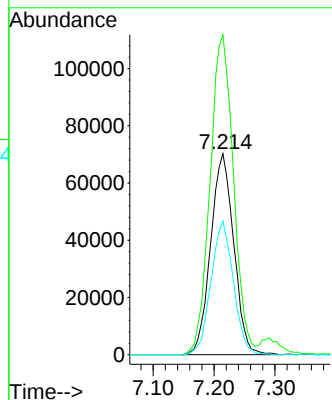
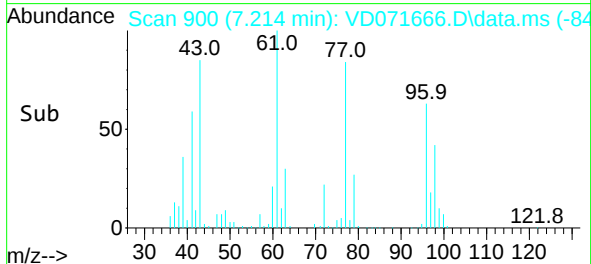
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



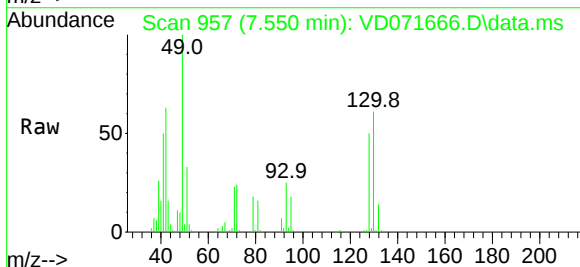
Tgt Ion: 96 Resp: 185320
 Ion Ratio Lower Upper
 96 100
 61 161.2 0.0 322.8
 98 64.3 0.0 130.8

Manual Integrations
 APPROVED

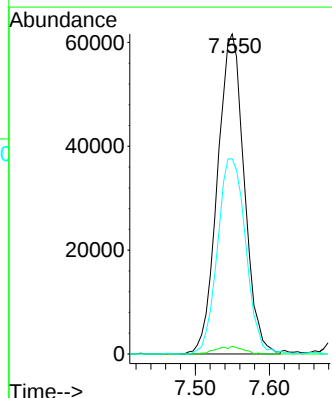
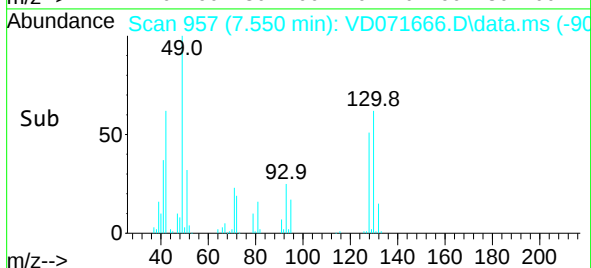
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022

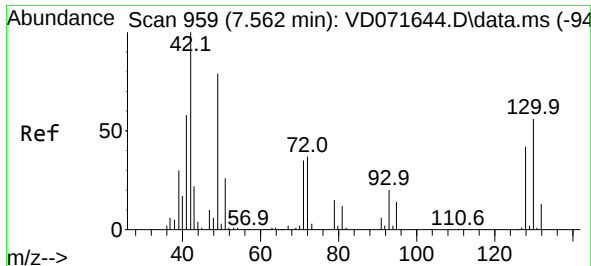


#28
 Bromochloromethane
 Concen: 49.105 ug/l
 RT: 7.550 min Scan# 957
 Delta R.T. 0.001 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17



Tgt Ion: 49 Resp: 154389
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 64.2 48.9 73.3





#29

Tetrahydrofuran

Concen: 245.742 ug/l

RT: 7.562 min Scan# 91

Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 146988

Ion Ratio Lower Upper

42 100

72 37.5 29.6 44.4

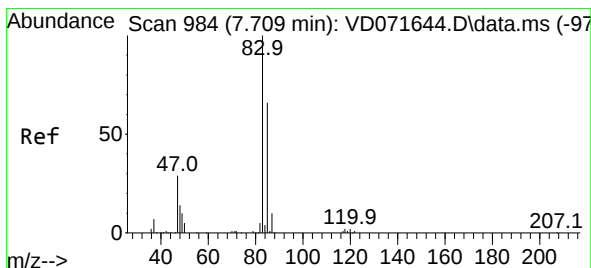
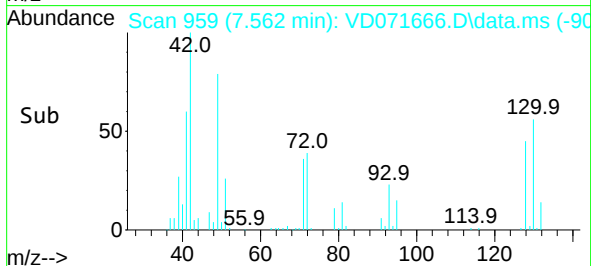
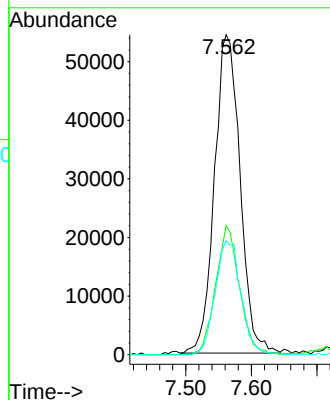
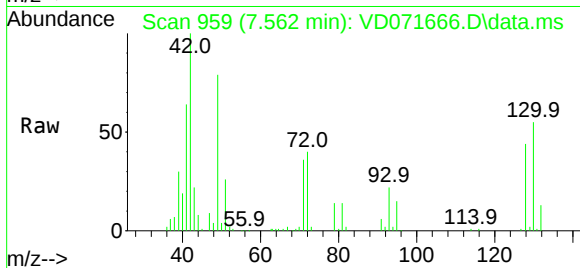
71 35.9 27.3 40.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#30

Chloroform

Concen: 52.033 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.000 min

Lab File: VD071666.D

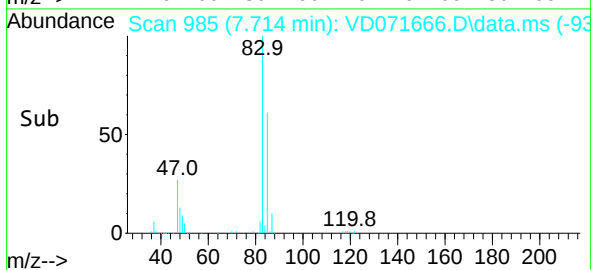
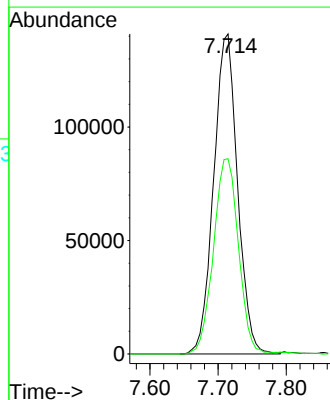
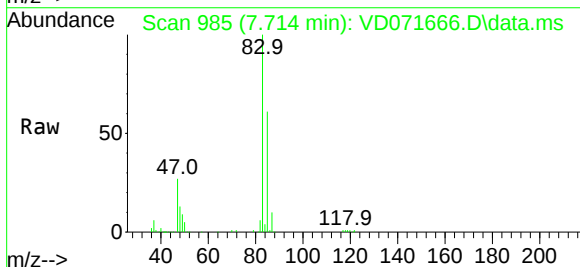
Acq: 10 Jan 2022 19:17

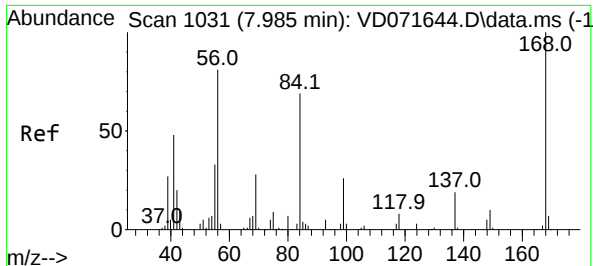
Tgt Ion: 83 Resp: 343409

Ion Ratio Lower Upper

83 100

85 61.0 52.4 78.6





#31

Cyclohexane

Concen: 49.828 ug/l

RT: 7.991 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 262900

Ion Ratio Lower Upper

56 100

69 32.0 21.7 32.5

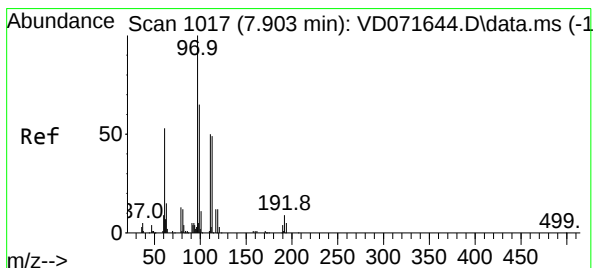
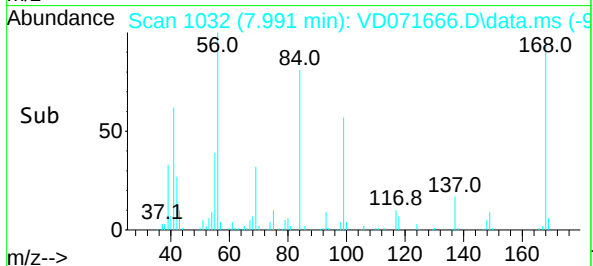
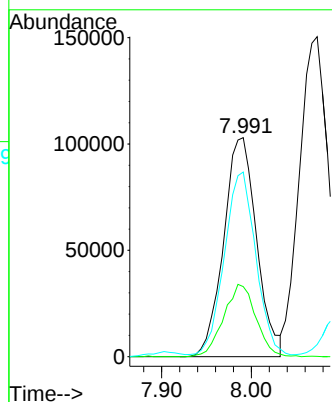
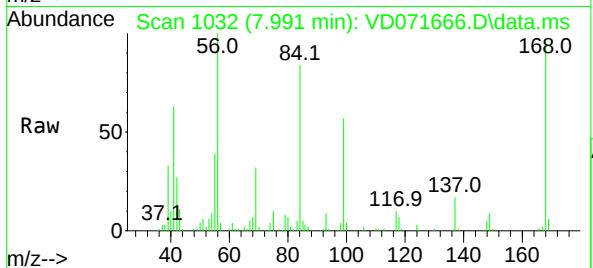
84 83.0 65.7 98.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#32

1,1,1-Trichloroethane

Concen: 49.607 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

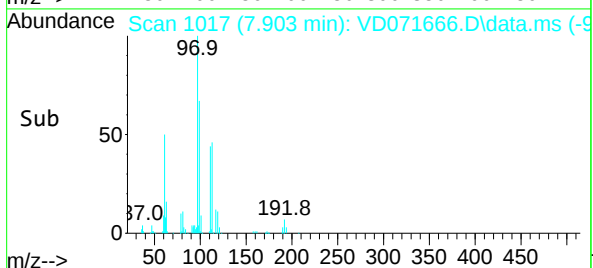
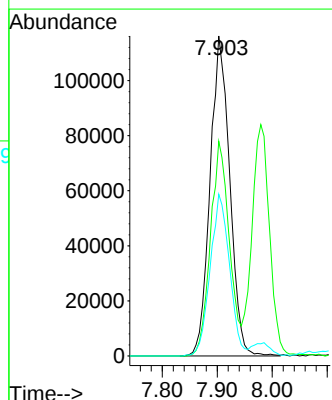
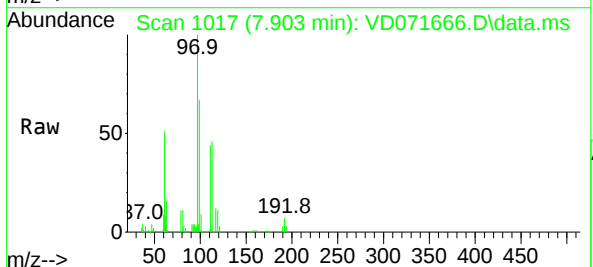
Tgt Ion: 97 Resp: 288564

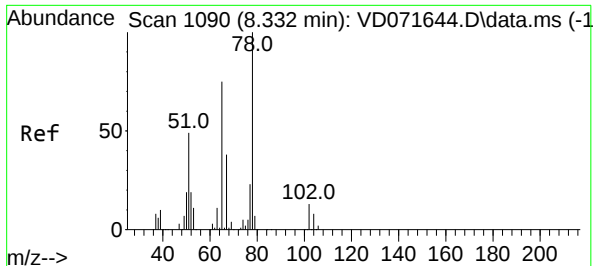
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 49.9 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 51.354 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19574

Ion Ratio Lower Upper

65 100

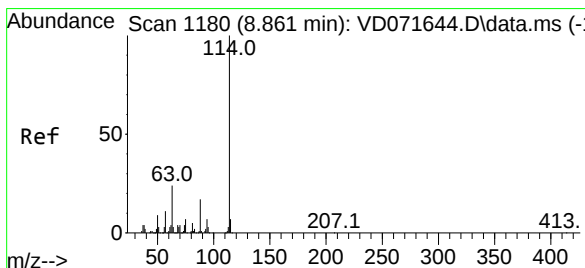
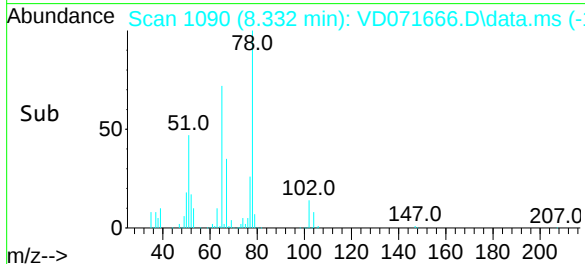
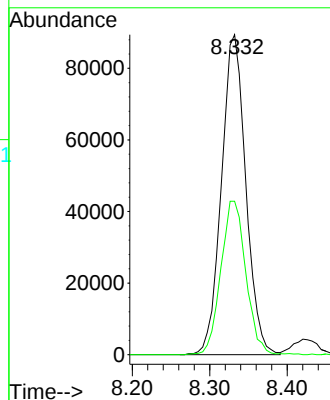
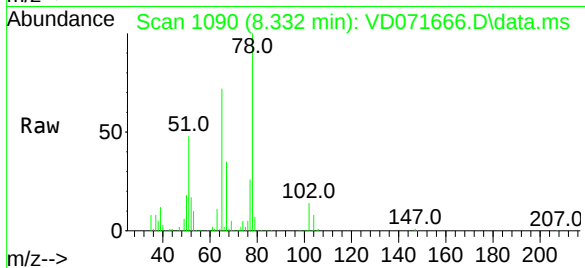
67 49.3 0.0 101.2

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: VD071666.D

Acq: 10 Jan 2022 19:17

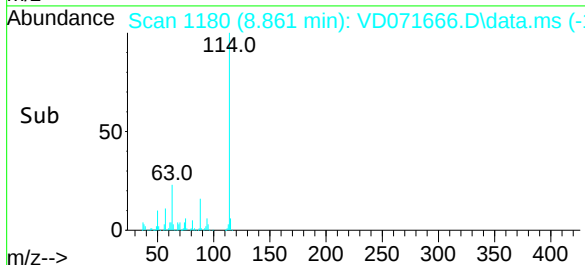
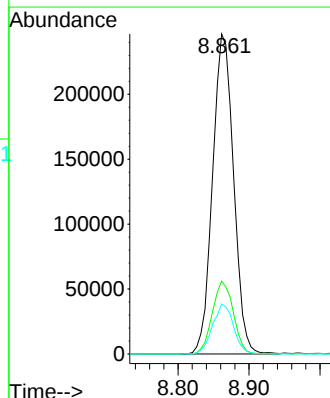
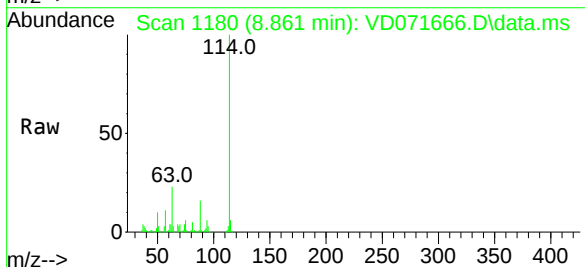
Tgt Ion:114 Resp: 506092

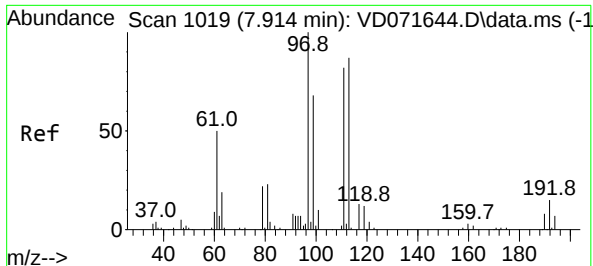
Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.619 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071666.D

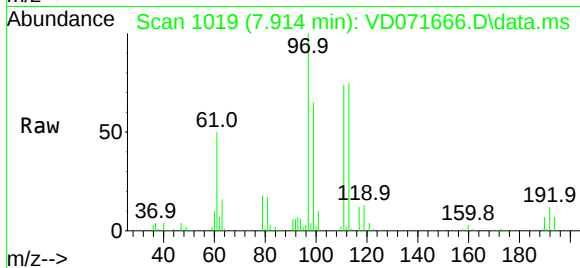
Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



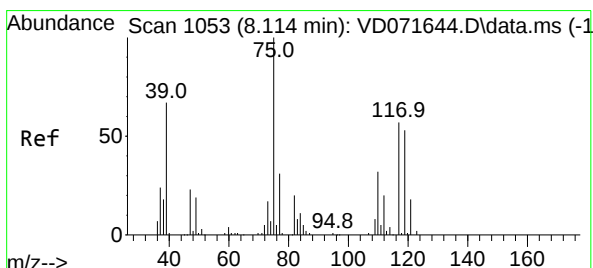
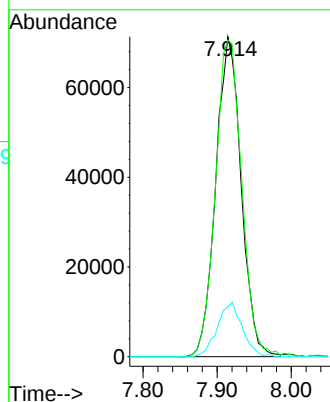
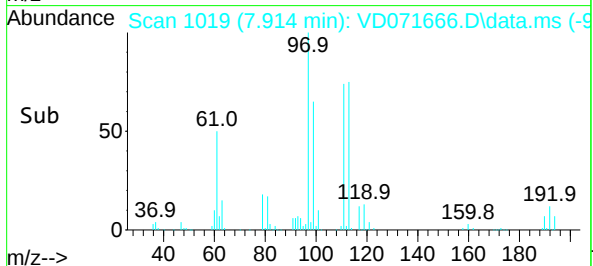
Tgt Ion:	113	Resp:	16930
Ion Ratio	Lower	Upper	
113	100		
111	103.0	82.2	123.4
192	16.8	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#36

1,1-Dichloropropene

Concen: 49.420 ug/l

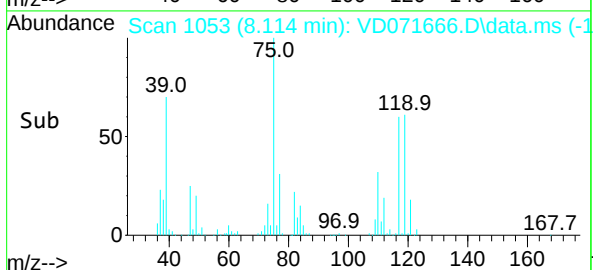
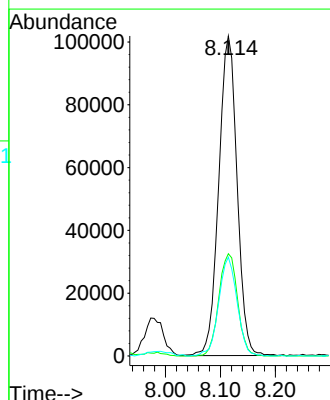
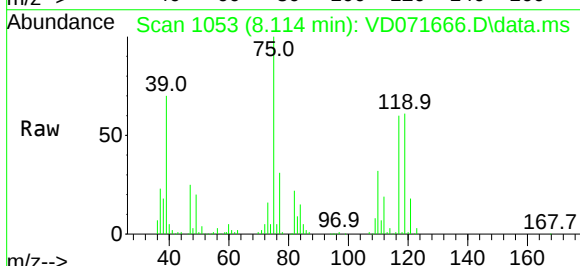
RT: 8.114 min Scan# 1053

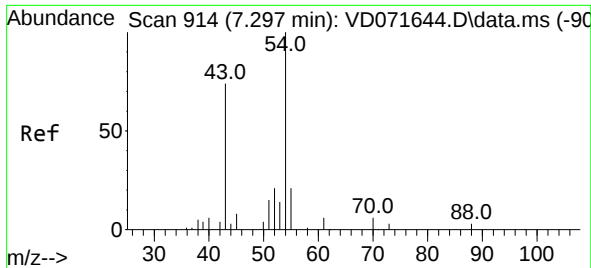
Delta R.T. 0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Tgt Ion:	75	Resp:	235785
Ion Ratio	Lower	Upper	
75	100		
110	32.8	16.0	48.0
77	31.0	24.5	36.7





#37

Ethyl Acetate

Concen: 47.403 ug/l

RT: 7.291 min Scan# 914

Delta R.T. -0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

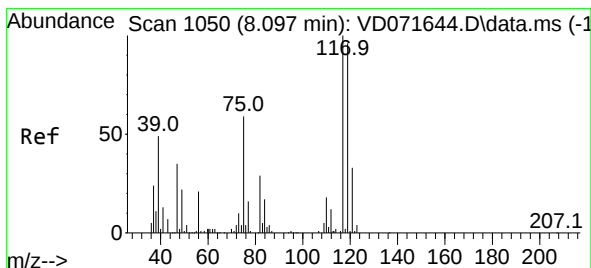
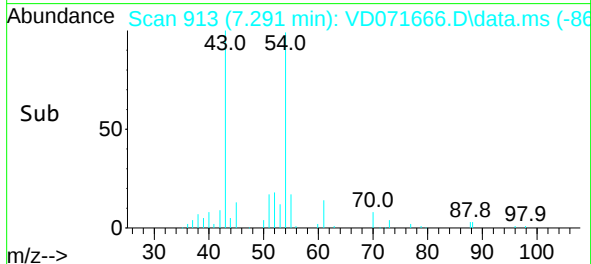
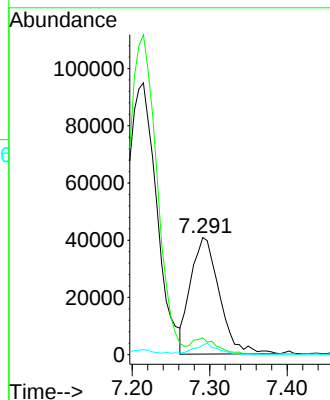
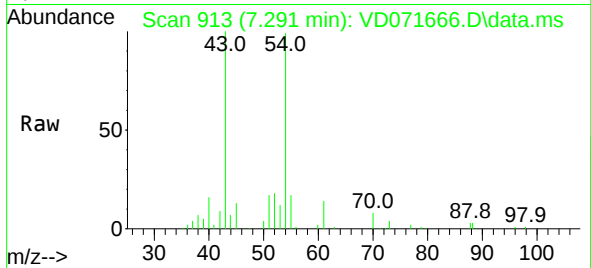
VSTDCCC050EC

Tgt Ion: 43 Resp: 10496

Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.0	16.4
70	8.0	7.4	11.2

Manual Integrations
APPROVED

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



#38

Carbon Tetrachloride

Concen: 50.399 ug/l

RT: 8.097 min Scan# 1050

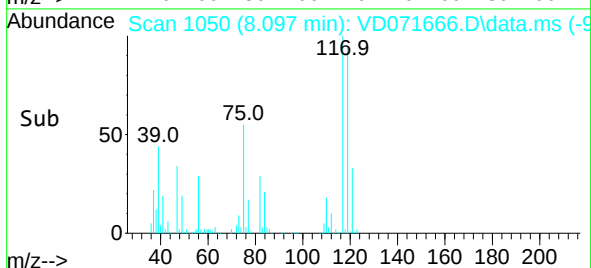
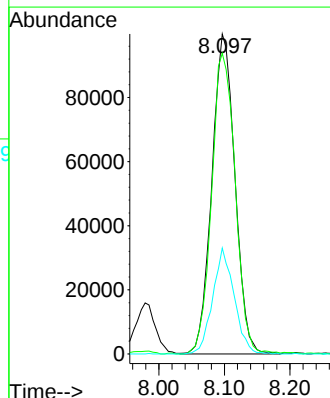
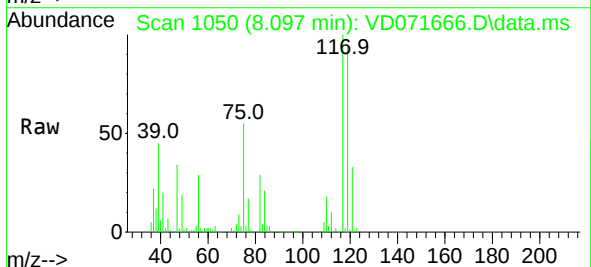
Delta R.T. 0.001 min

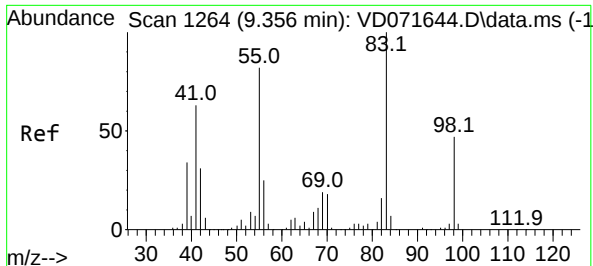
Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Tgt Ion:117 Resp: 243509

Ion	Ratio	Lower	Upper
117	100		
119	93.9	73.4	110.2
121	33.1	23.9	35.9





#39

Methylcyclohexane

Concen: 49.931 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 25731

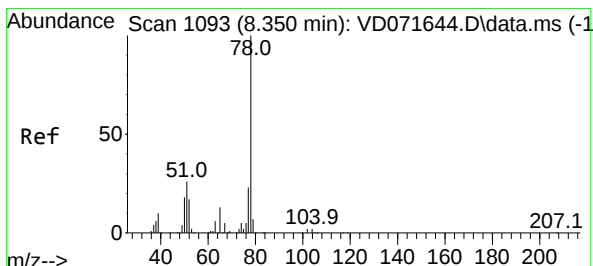
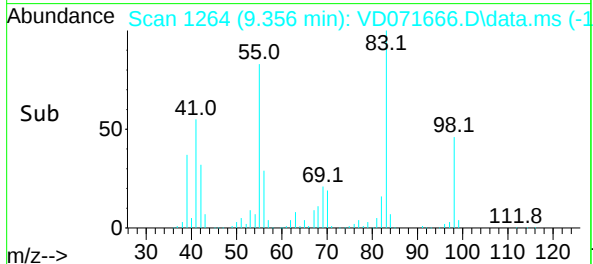
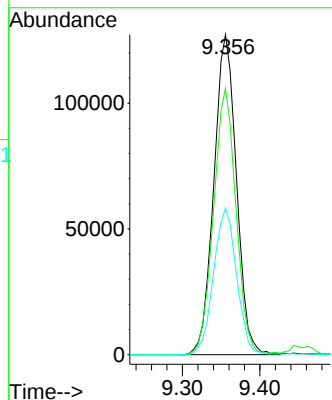
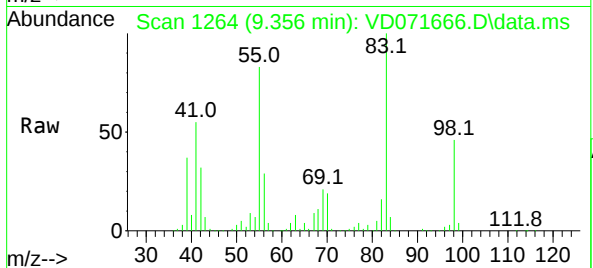
Ion	Ratio	Lower	Upper
83	100		
55	83.2	70.1	105.1
98	45.8	39.2	58.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#40

Benzene

Concen: 50.876 ug/l

RT: 8.350 min Scan# 1093

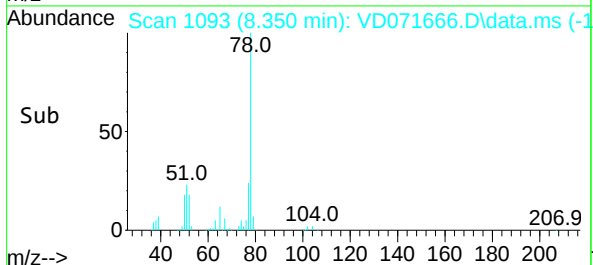
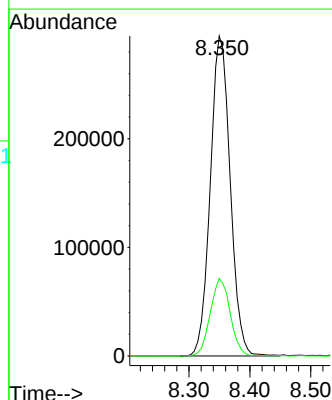
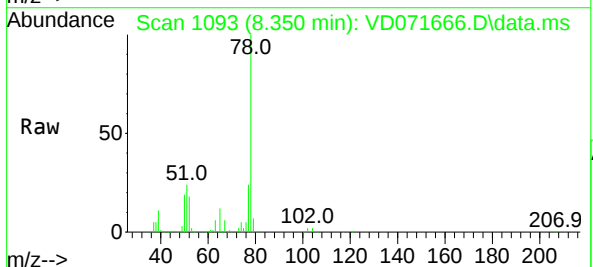
Delta R.T. 0.001 min

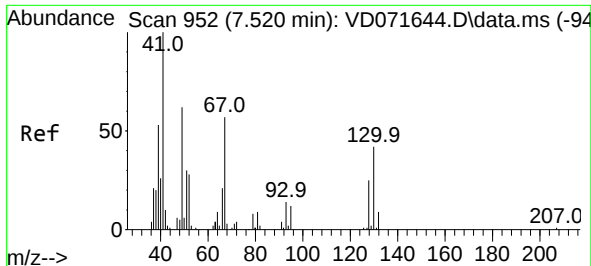
Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Tgt Ion: 78 Resp: 668780

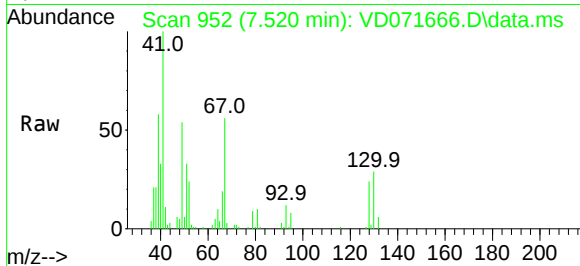
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 49.421 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

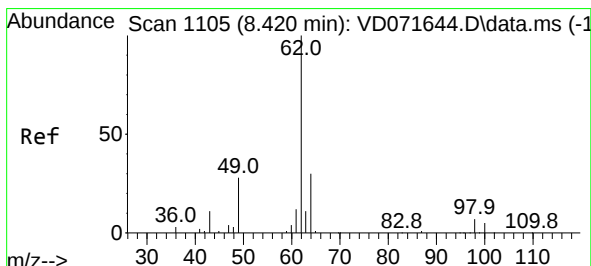
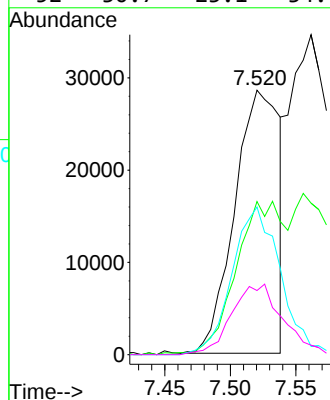
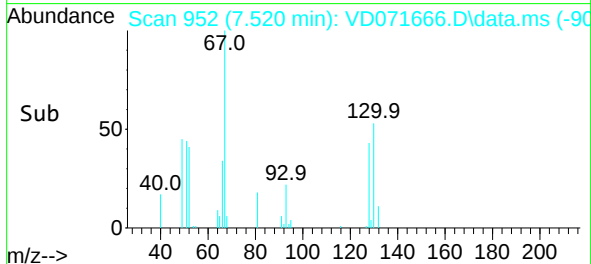
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



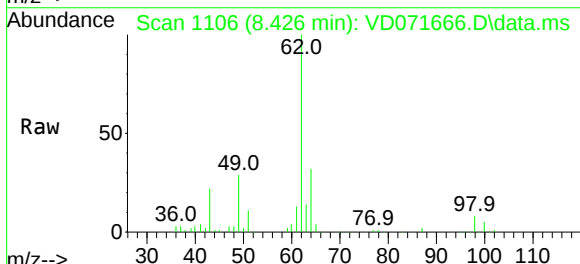
Tgt Ion:	41	Resp:	6745
Ion Ratio	100	Lower	Upper
39	64.6	46.9	70.3
67	61.2	49.3	73.9
52	30.7	23.1	34.7

Manual Integrations
APPROVED

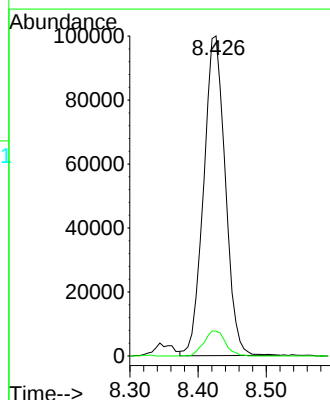
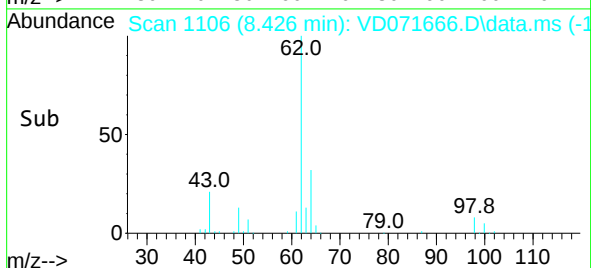
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

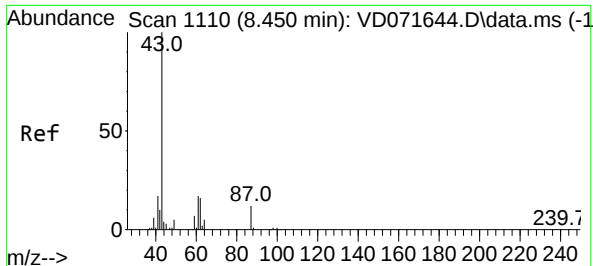


#42
1,2-Dichloroethane
Concen: 49.579 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



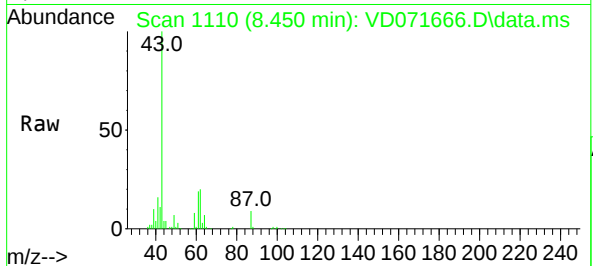
Tgt Ion:	62	Resp:	220613
Ion Ratio	100	Lower	Upper
98	7.8	0.0	15.4





#43
Isopropyl Acetate
Concen: 50.776 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

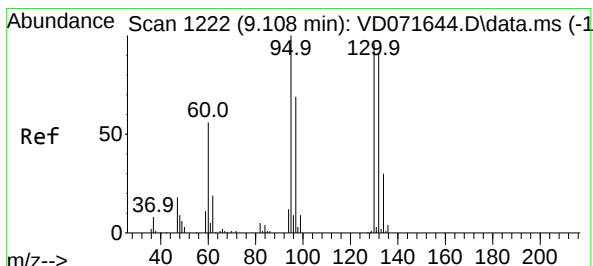
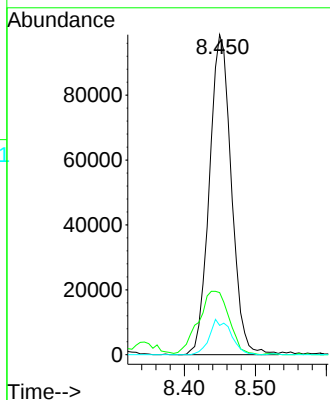
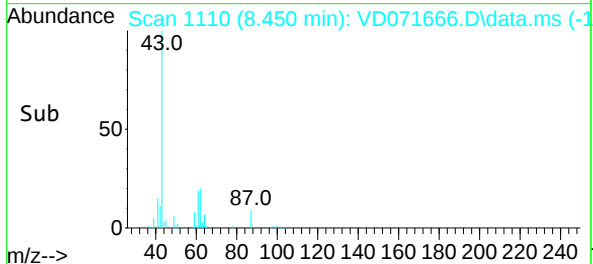
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 211644
Ion Ratio Lower Upper
43 100
61 27.8 21.9 32.9
87 10.8 8.9 13.3

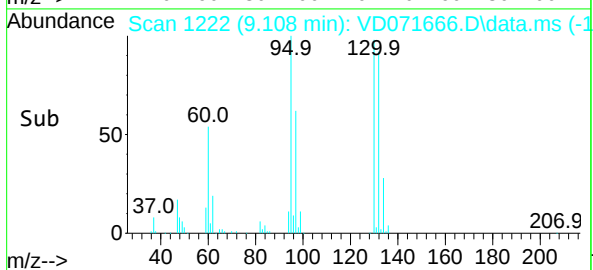
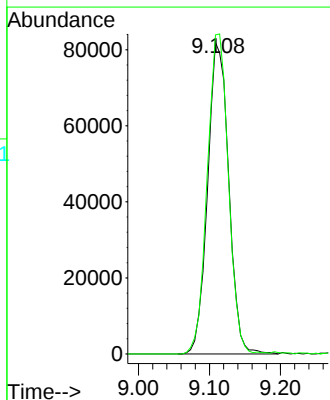
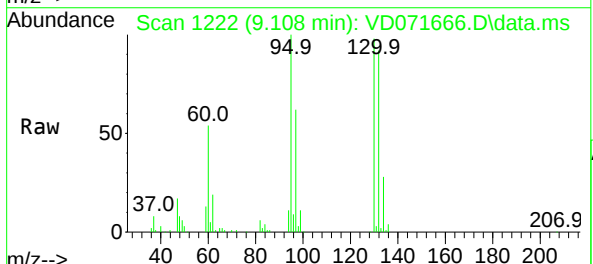
Manual Integrations
APPROVED

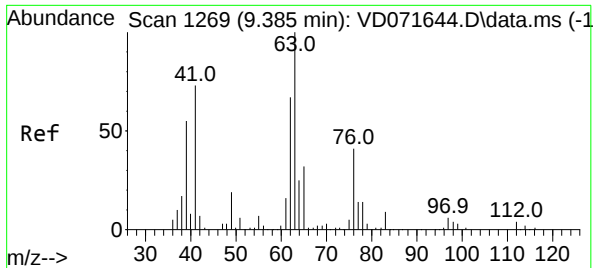
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#44
Trichloroethene
Concen: 49.950 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Tgt Ion:130 Resp: 168978
Ion Ratio Lower Upper
130 100
95 102.4 0.0 214.4





#45

1,2-Dichloropropane

Concen: 50.984 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 18117

Ion Ratio Lower Upper

63 100

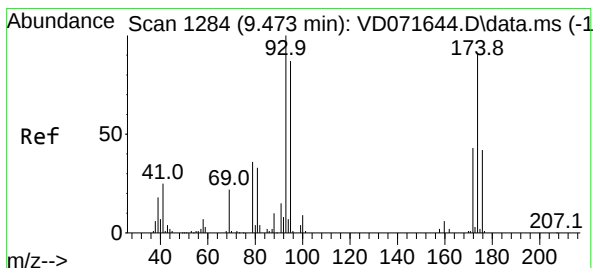
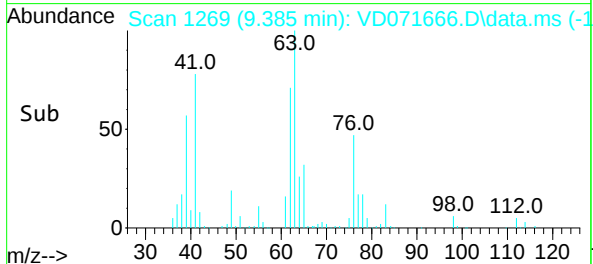
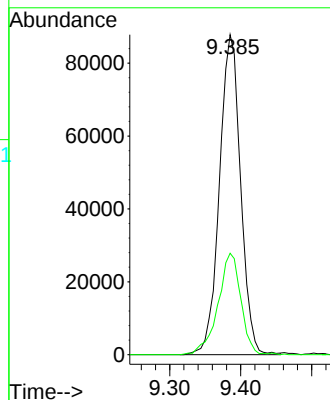
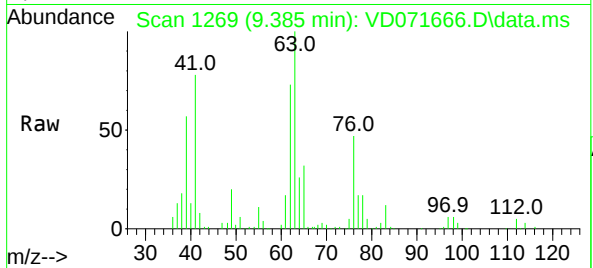
65 31.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#46

Dibromomethane

Concen: 50.211 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

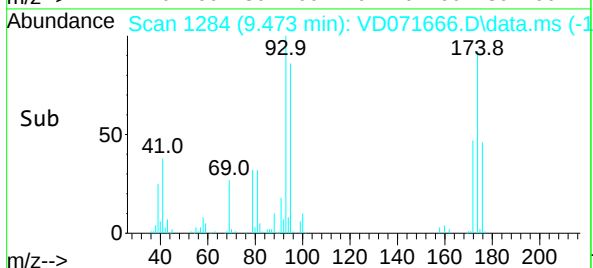
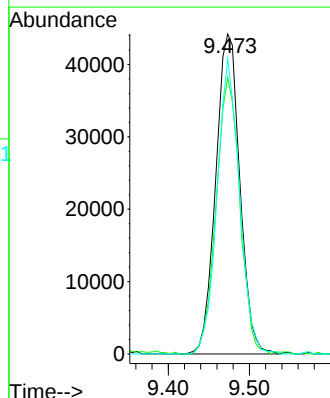
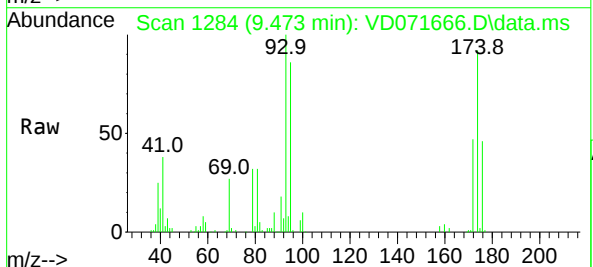
Tgt Ion: 93 Resp: 91327

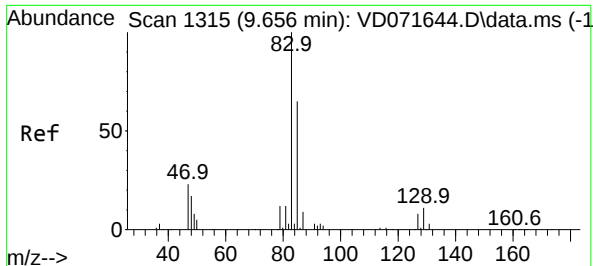
Ion Ratio Lower Upper

93 100

95 84.4 65.1 97.7

174 86.2 68.1 102.1





#47

Bromodichloromethane

Concen: 52.098 ug/l

RT: 9.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 26016

Ion Ratio Lower Upper

83 100

85 63.6 50.6 75.8

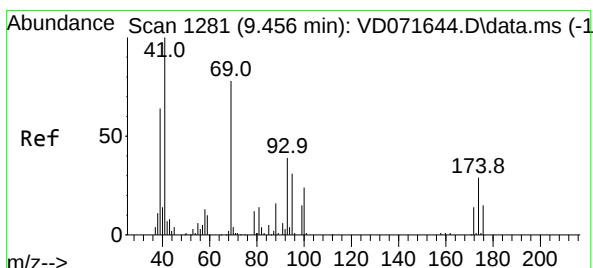
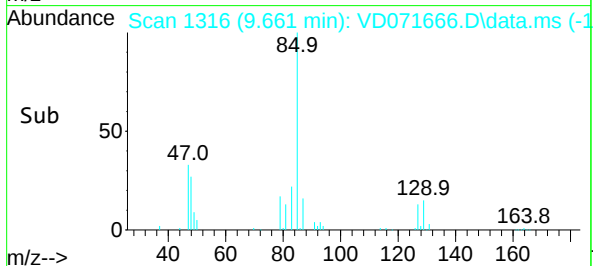
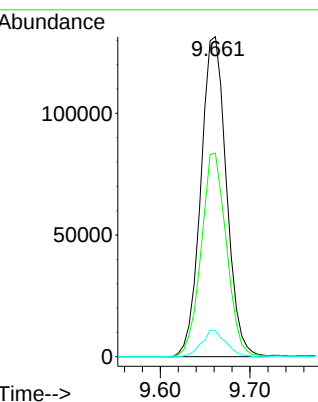
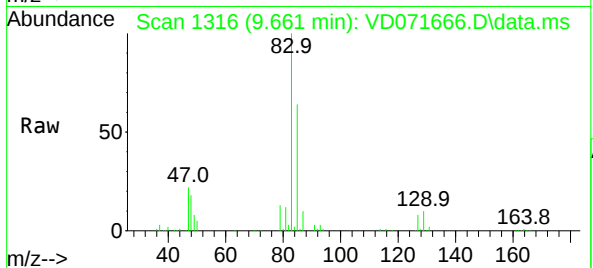
127 8.1 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#48

Methyl methacrylate

Concen: 51.395 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.005 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

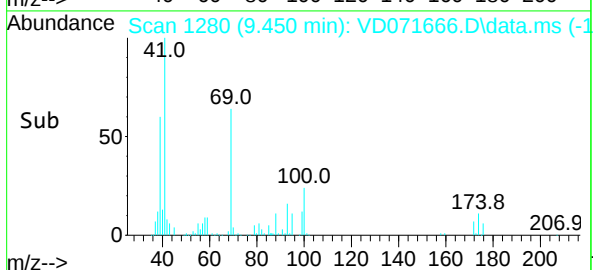
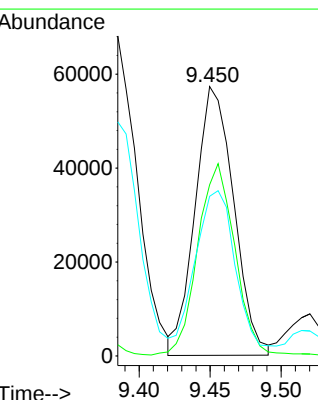
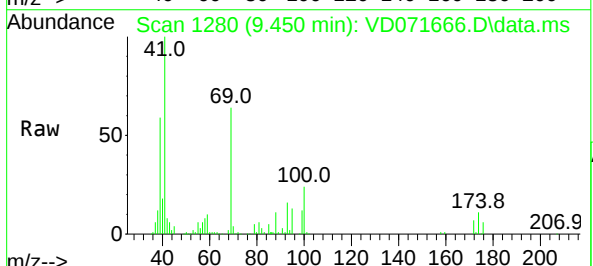
Tgt Ion: 41 Resp: 108256

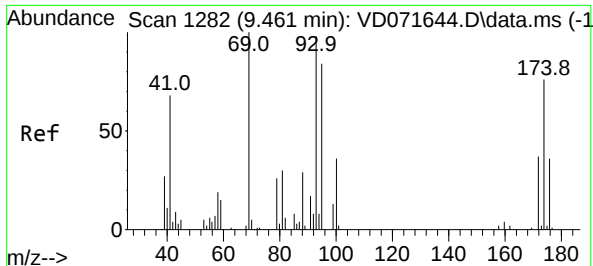
Ion Ratio Lower Upper

41 100

69 68.7 59.5 89.3

39 65.2 56.0 84.0





#49

1,4-Dioxane

Concen: 1000.158 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.006 min

Lab File: VD071666.D

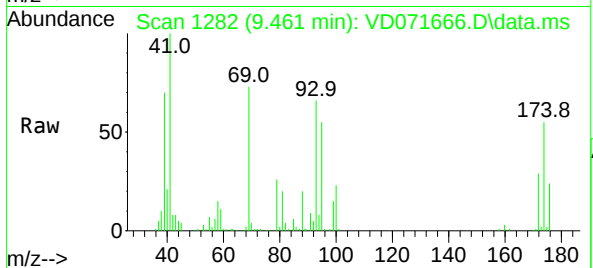
Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



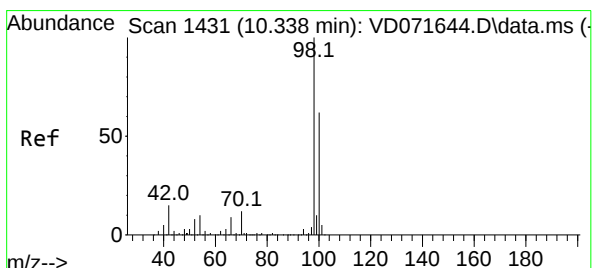
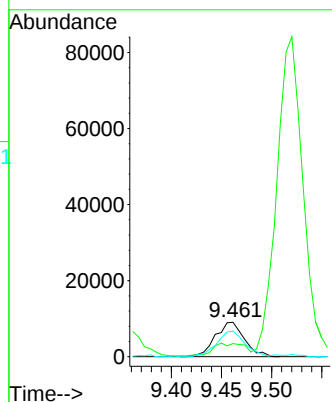
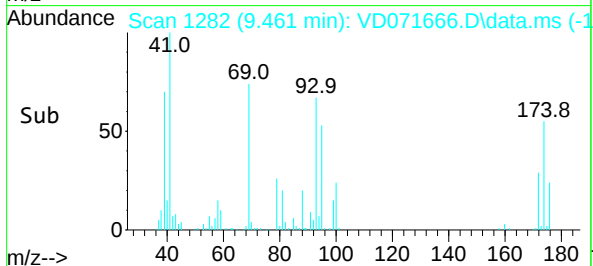
Tgt Ion:	88	Resp:	18238
Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.6	52.0
58	72.3	62.0	93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#50

Toluene-d8

Concen: 52.679 ug/l

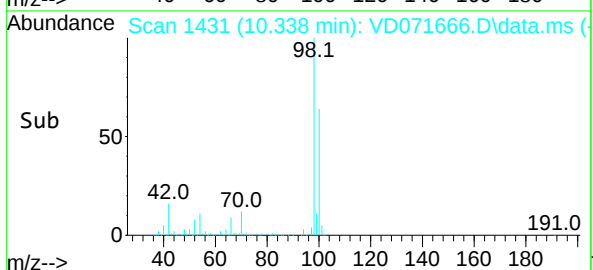
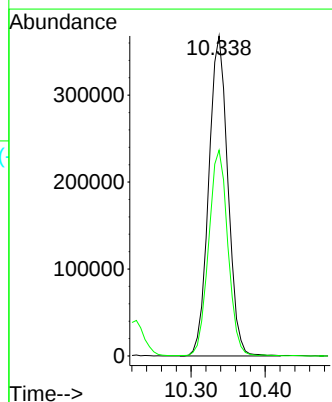
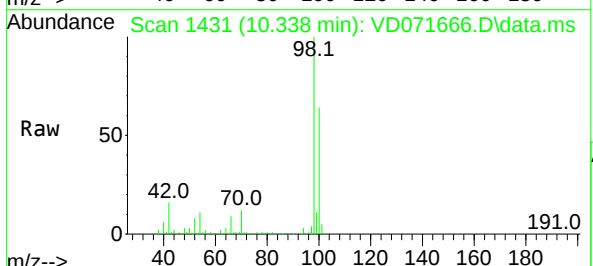
RT: 10.338 min Scan# 1431

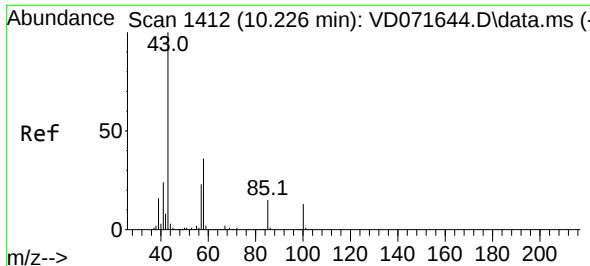
Delta R.T. 0.001 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

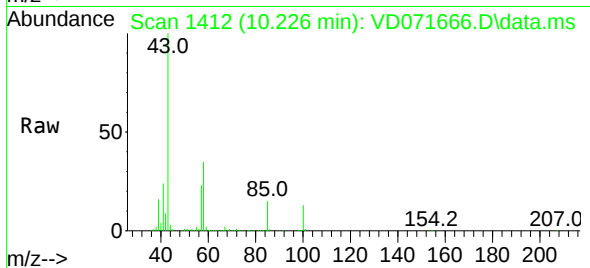
Tgt Ion:	98	Resp:	659541
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 251.852 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

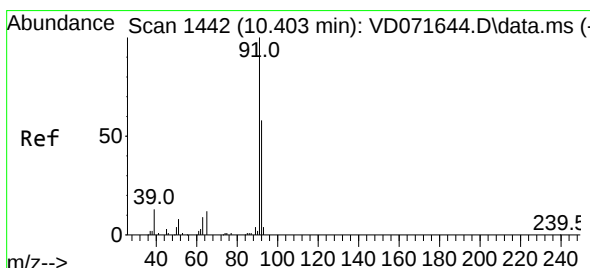
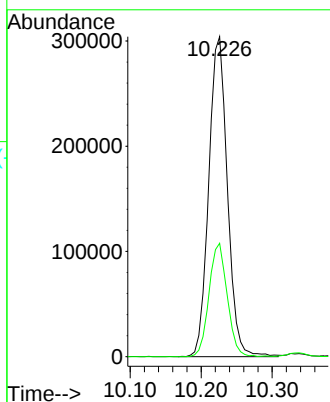
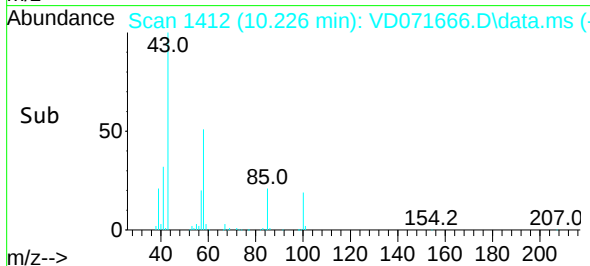
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



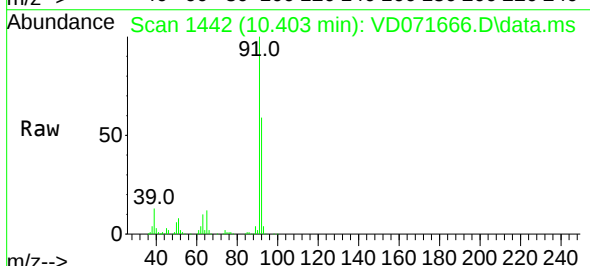
Tgt Ion: 43 Resp: 554509
Ion Ratio Lower Upper
43 100
58 34.6 28.2 42.2

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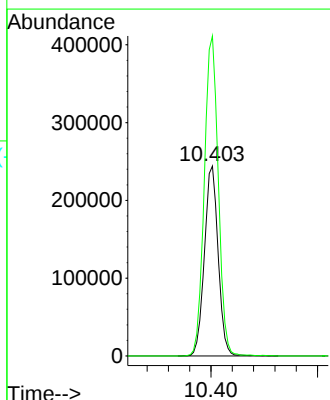
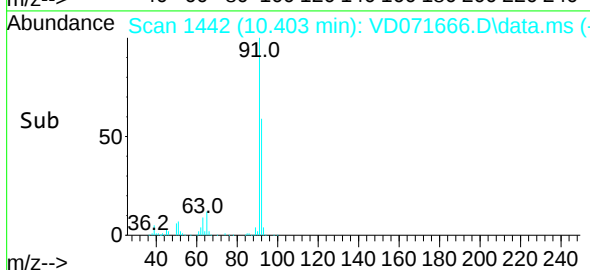
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

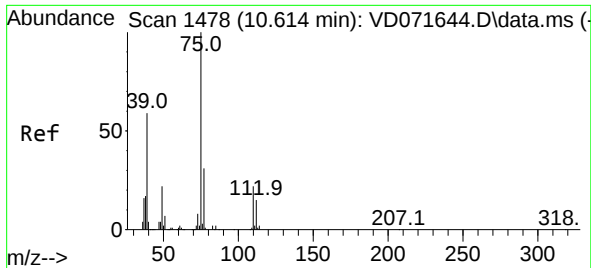


#52
Toluene
Concen: 52.869 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



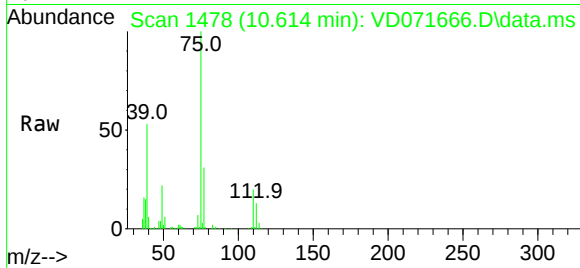
Tgt Ion: 92 Resp: 437459
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 51.788 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

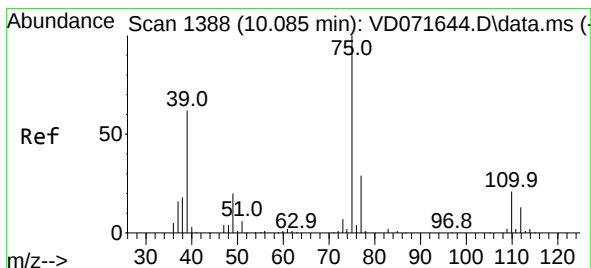
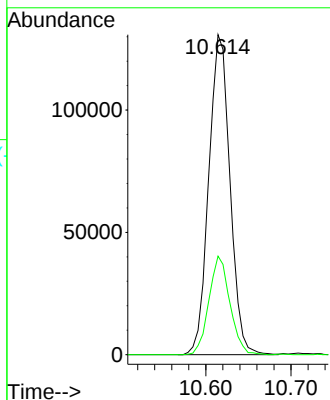
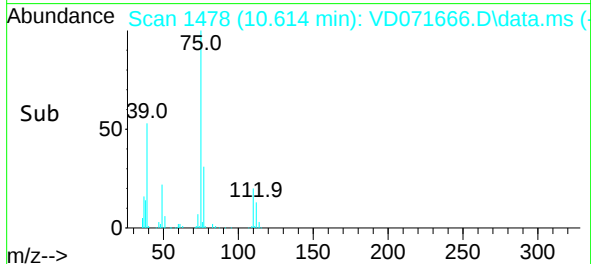
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 226850
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2

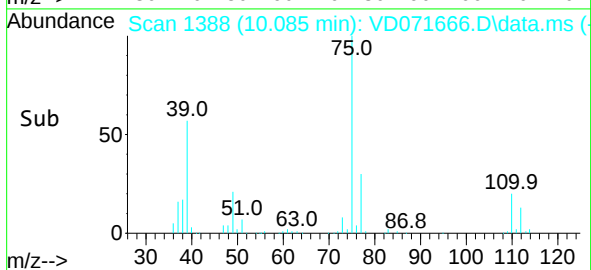
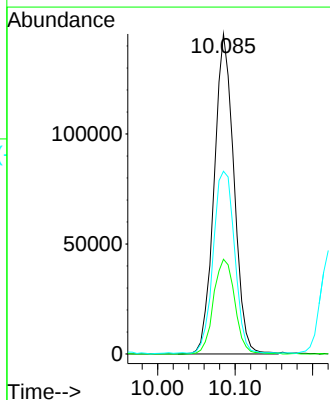
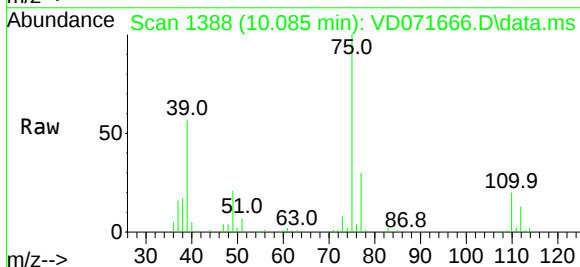
Manual Integrations
APPROVED

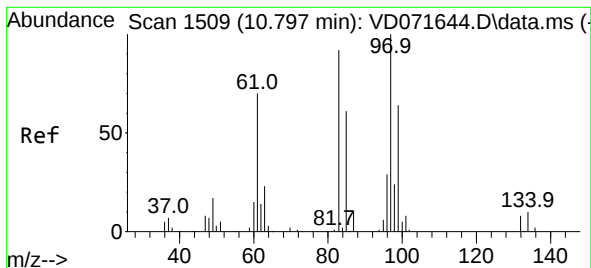
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#54
cis-1,3-Dichloropropene
Concen: 50.086 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

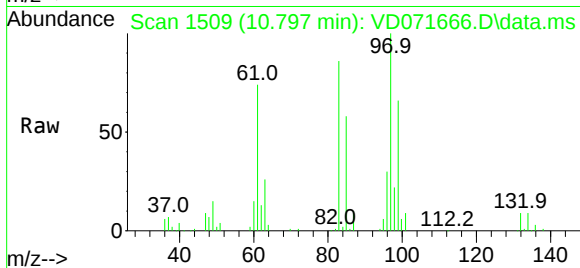
Tgt Ion: 75 Resp: 258693
Ion Ratio Lower Upper
75 100
77 29.6 25.0 37.6
39 56.8 49.8 74.8





#55
1,1,2-Trichloroethane
Concen: 52.705 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

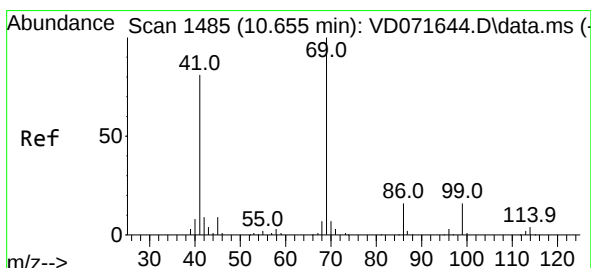
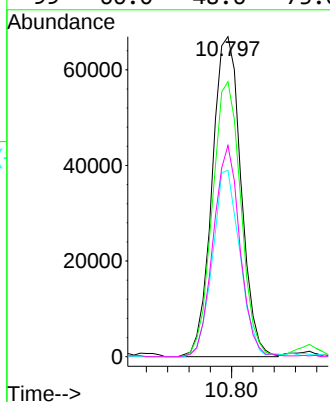
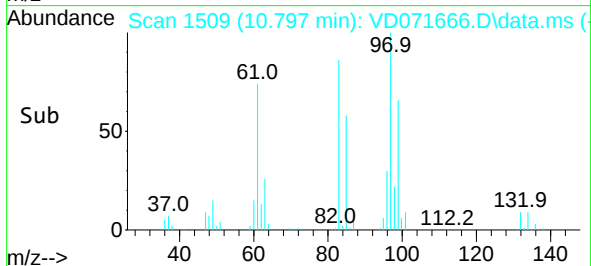
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



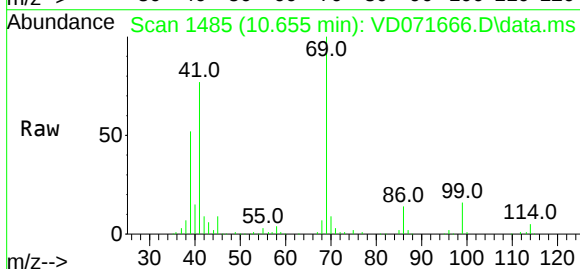
Tgt Ion: 97 Resp: 125670
Ion Ratio Lower Upper
97 100
83 85.9 68.1 102.1
85 58.3 46.8 70.2
99 66.0 48.6 73.0

Manual Integrations
APPROVED

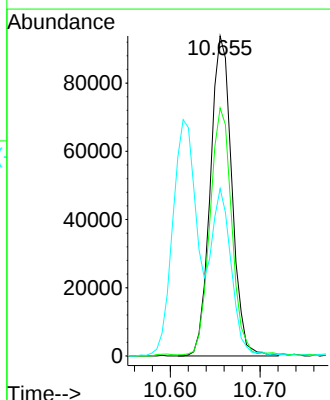
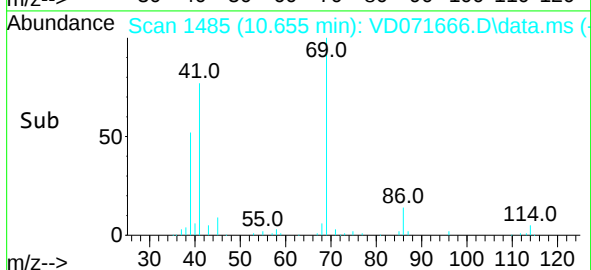
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

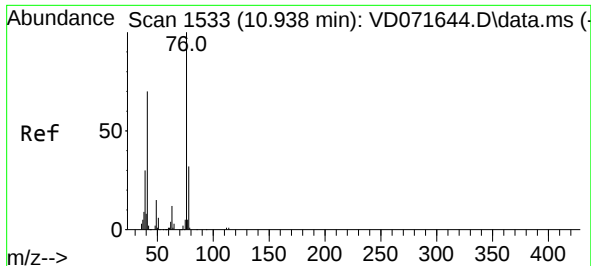


#56
Ethyl methacrylate
Concen: 53.301 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



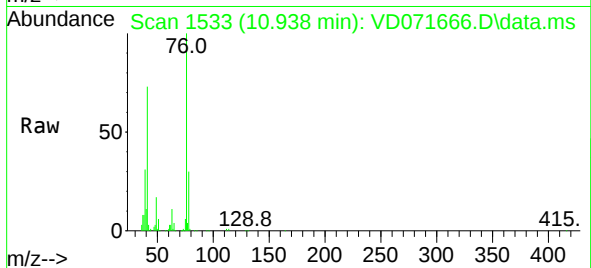
Tgt Ion: 69 Resp: 155785
Ion Ratio Lower Upper
69 100
41 77.8 65.8 98.6
39 48.5 38.7 58.1





#57
1,3-Dichloropropane
Concen: 51.226 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.005 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

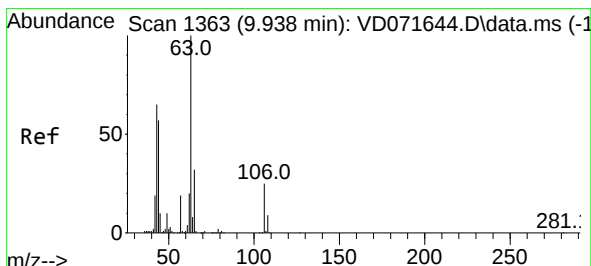
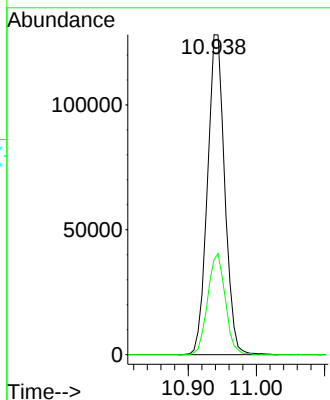
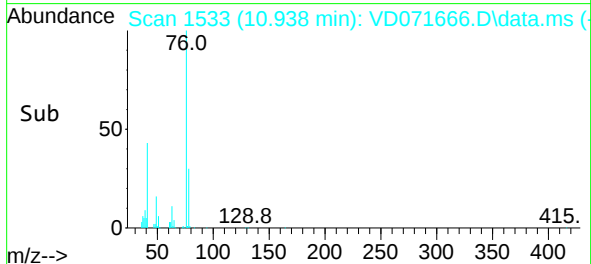
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 22571
Ion Ratio Lower Upper
76 100
78 32.2 25.8 38.6

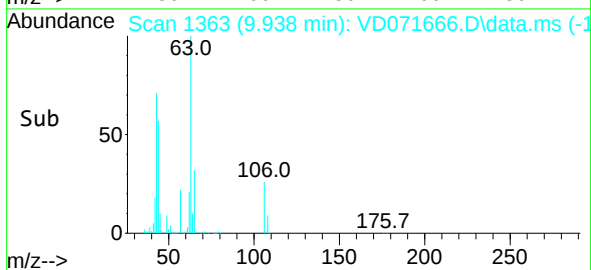
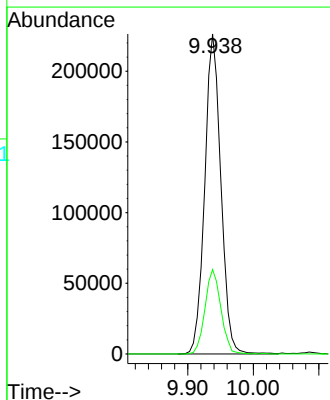
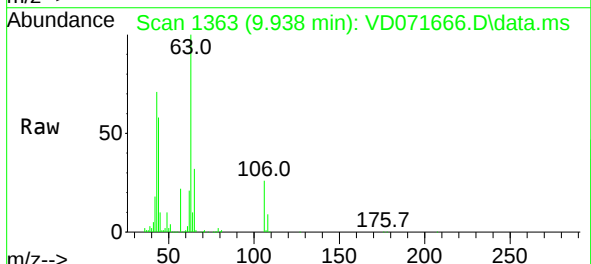
Manual Integrations
APPROVED

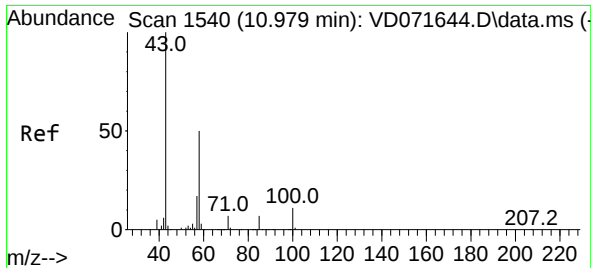
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#58
2-Chloroethyl Vinyl ether
Concen: 240.051 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

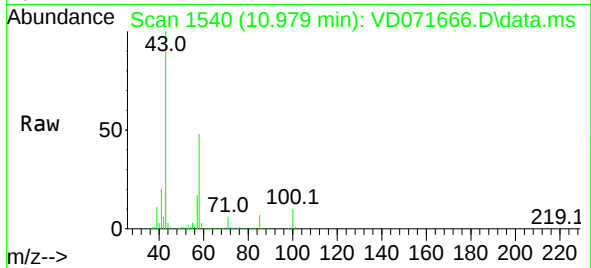
Tgt Ion: 63 Resp: 387314
Ion Ratio Lower Upper
63 100
106 25.9 20.7 31.1





#59
2-Hexanone
Concen: 259.594 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

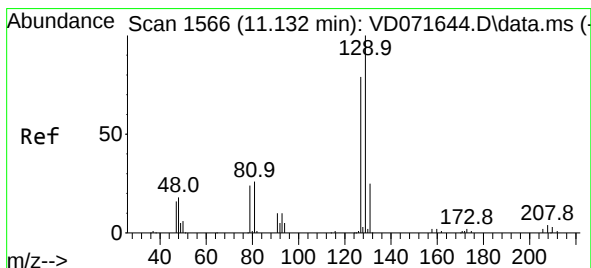
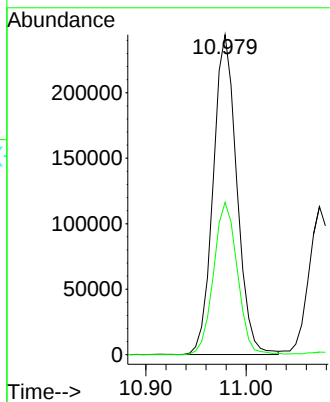
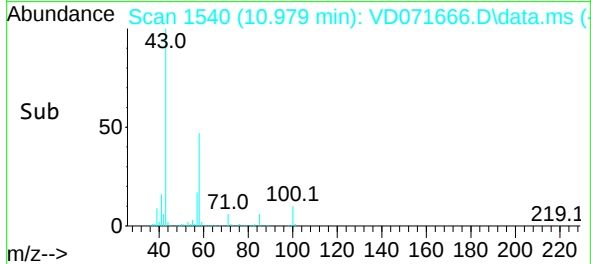
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



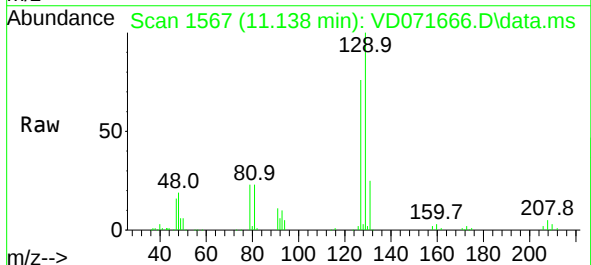
Tgt Ion: 43 Resp: 399199
Ion Ratio Lower Upper
43 100
58 48.0 24.3 72.8

Manual Integrations
APPROVED

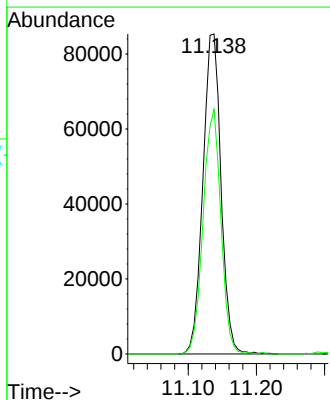
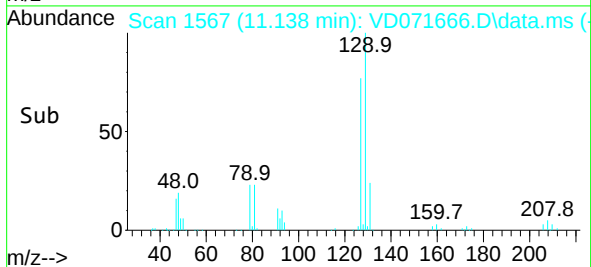
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

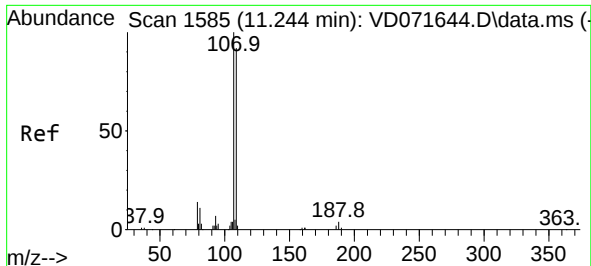


#60
Dibromochloromethane
Concen: 52.019 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



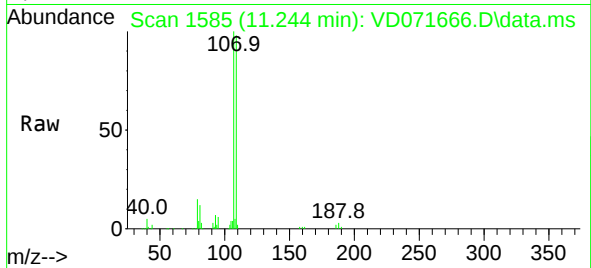
Tgt Ion:129 Resp: 157880
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 51.050 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

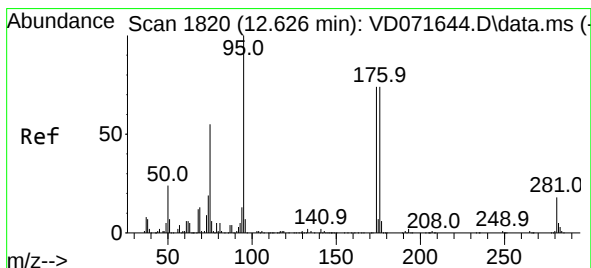
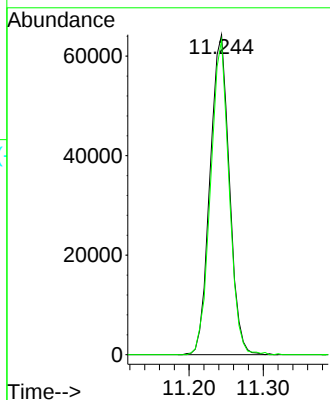
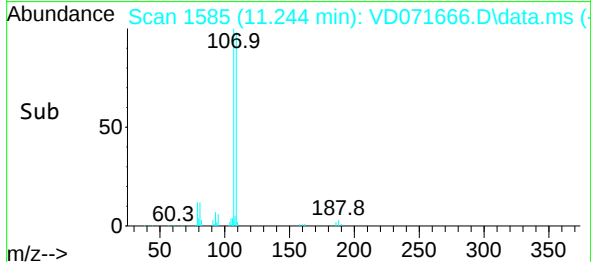
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



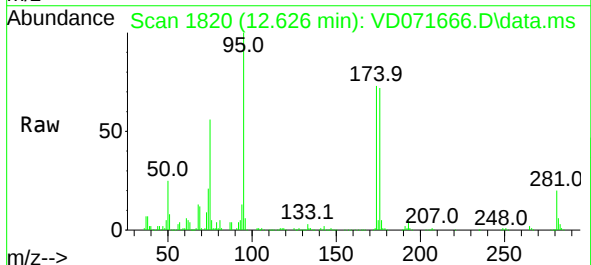
Tgt Ion:107 Resp: 116460
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

Manual Integrations
APPROVED

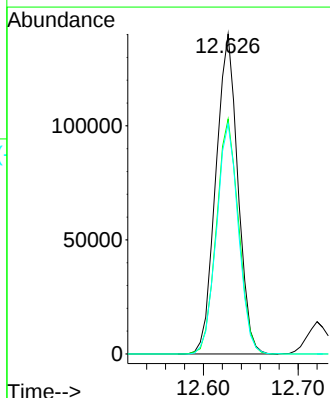
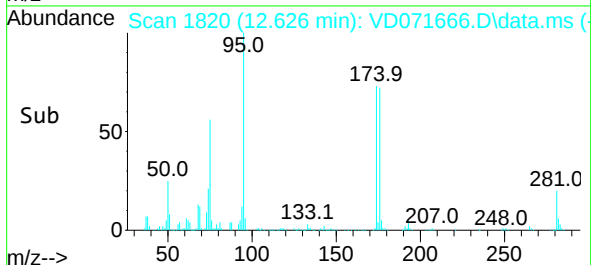
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

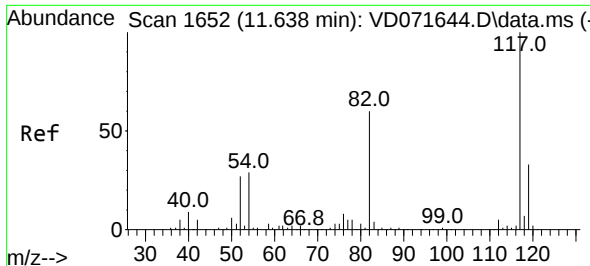


#62
4-Bromofluorobenzene
Concen: 51.388 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



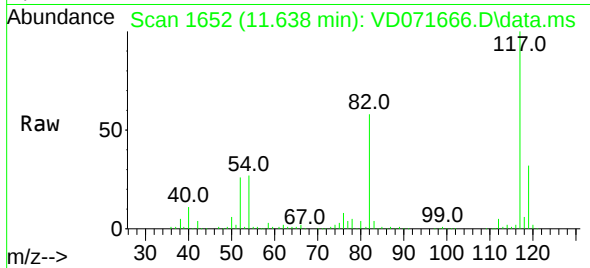
Tgt Ion: 95 Resp: 226710
Ion Ratio Lower Upper
95 100
174 73.8 0.0 150.0
176 71.5 0.0 146.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

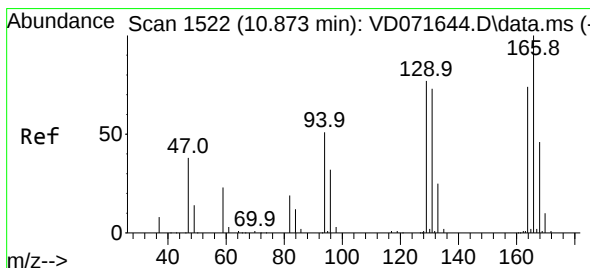
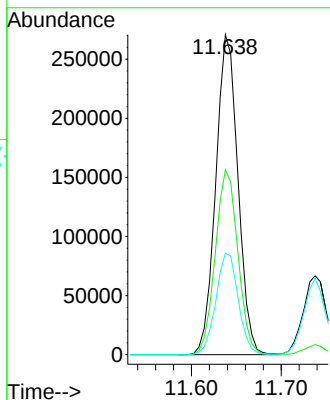
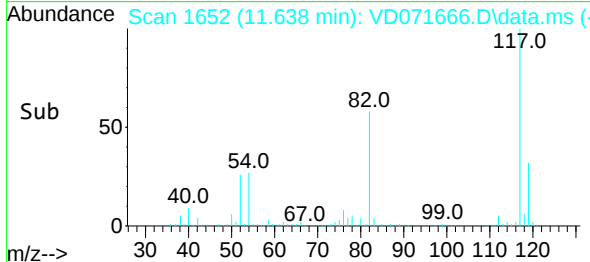
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



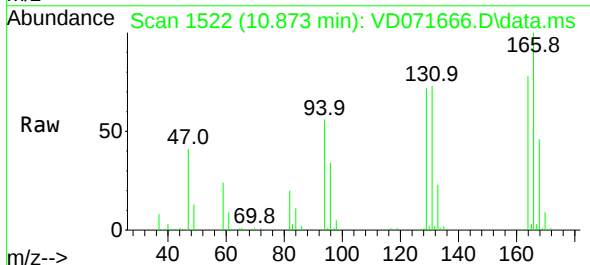
Tgt Ion:117 Resp: 46475
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 31.8 26.6 39.8

Manual Integrations
APPROVED

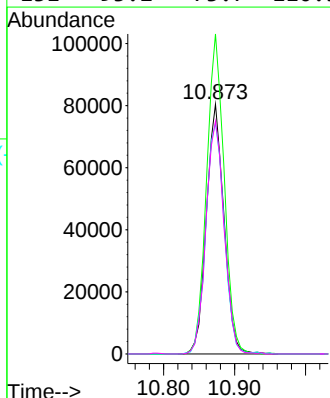
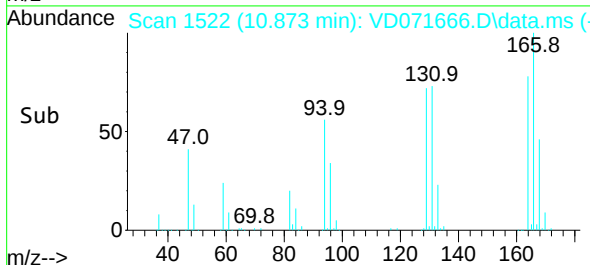
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

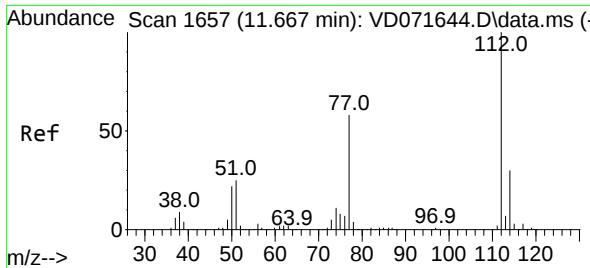


#64
Tetrachloroethene
Concen: 50.887 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



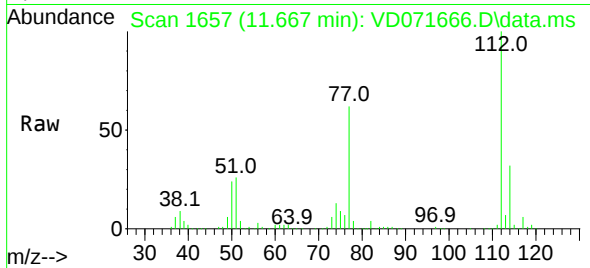
Tgt Ion:164 Resp: 138924
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 92.4 82.0 123.0
131 93.2 73.7 110.5





#65
Chlorobenzene
Concen: 50.605 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

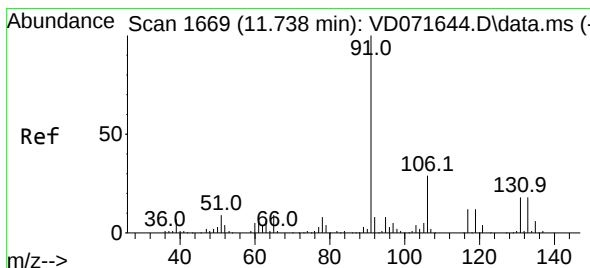
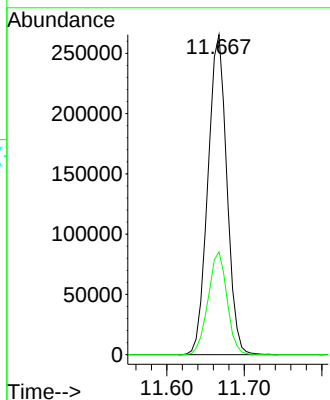
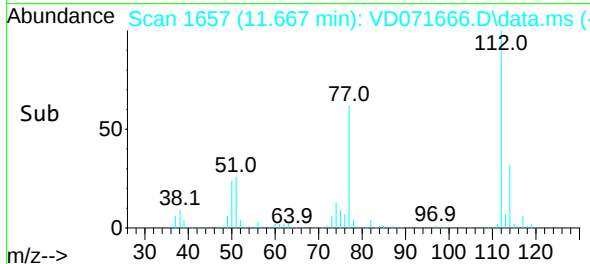
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



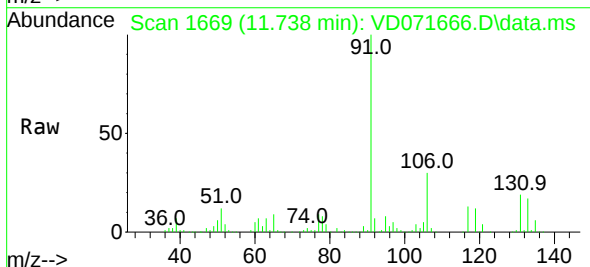
Tgt Ion:112 Resp: 450062
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

Manual Integrations
APPROVED

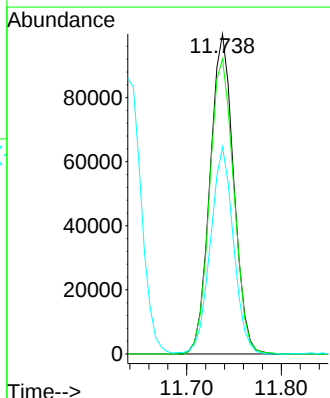
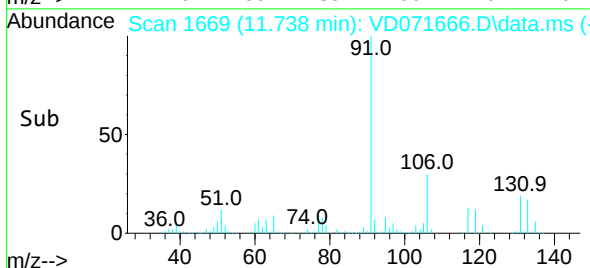
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

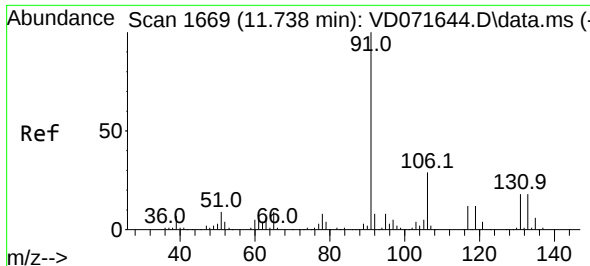


#66
1,1,1,2-Tetrachloroethane
Concen: 51.209 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



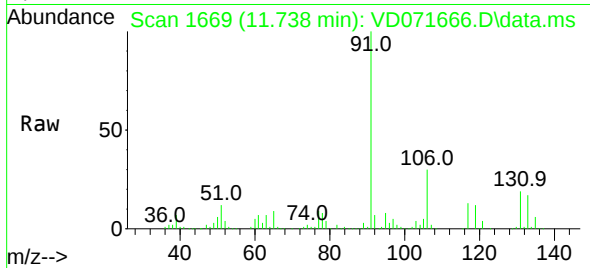
Tgt Ion:131 Resp: 172687
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 63.3 33.8 101.4





#67
Ethyl Benzene
Concen: 52.631 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

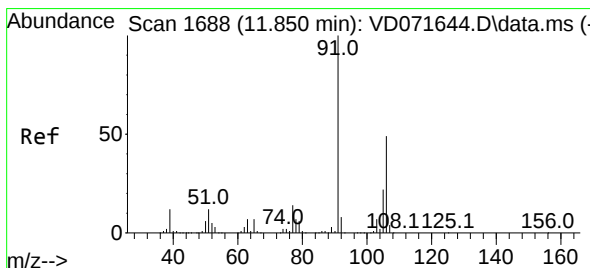
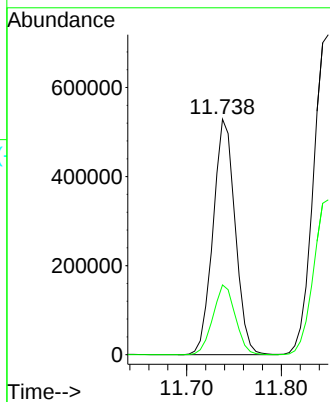
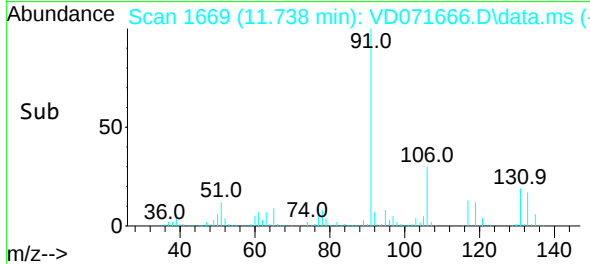
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 859320
Ion Ratio Lower Upper
91 100
106 29.6 23.6 35.4

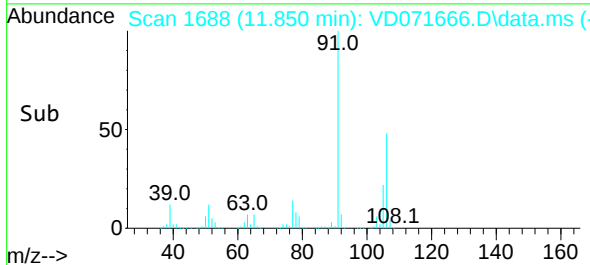
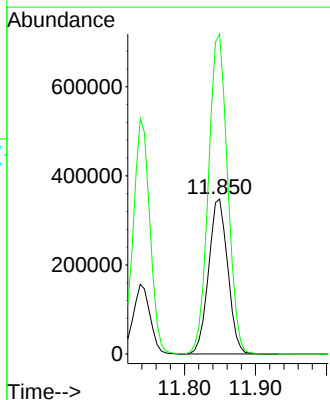
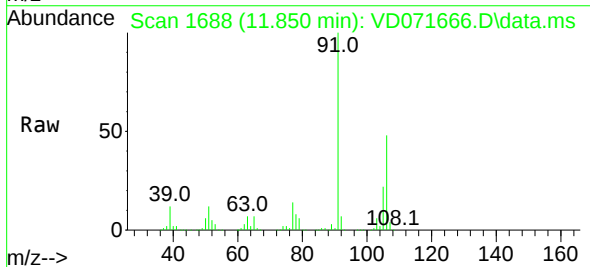
Manual Integrations
APPROVED

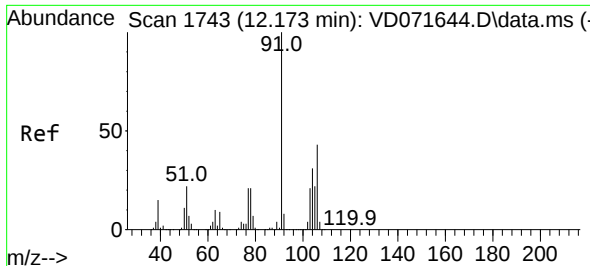
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#68
m/p-Xylenes
Concen: 107.057 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Tgt Ion:106 Resp: 650101
Ion Ratio Lower Upper
106 100
91 207.0 168.6 252.8





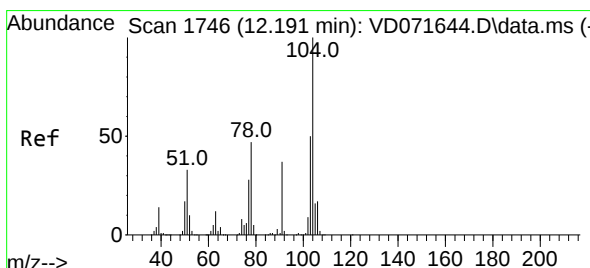
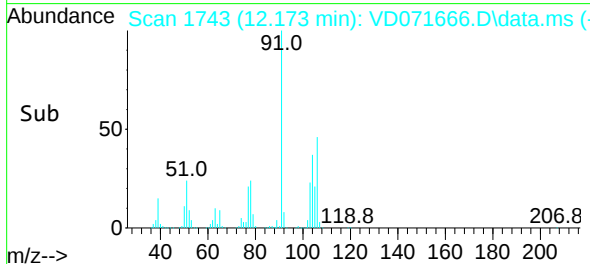
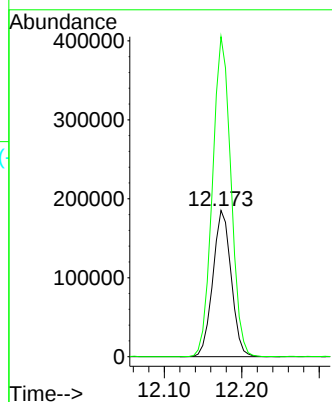
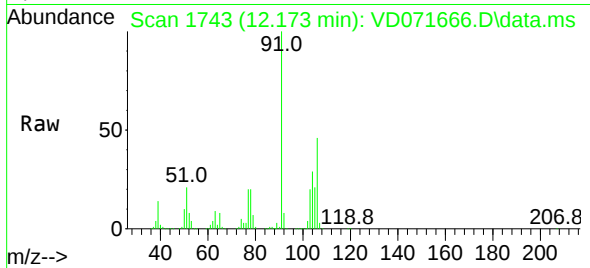
#69
o-Xylene
Concen: 52.918 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 30415
Ion Ratio Lower Upper
106 100
91 220.8 110.9 332.9

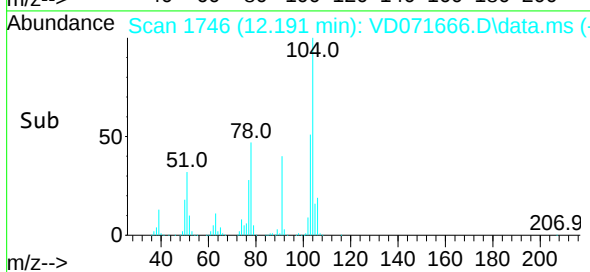
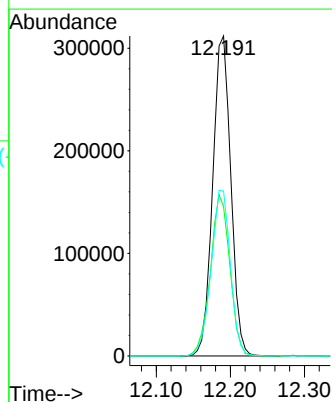
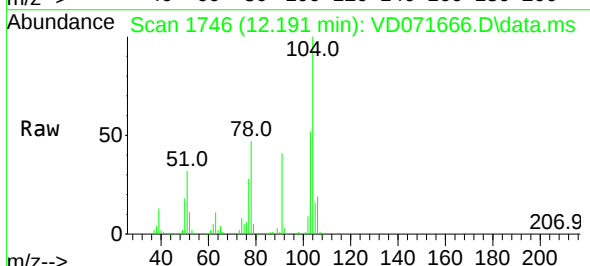
Manual Integrations
APPROVED

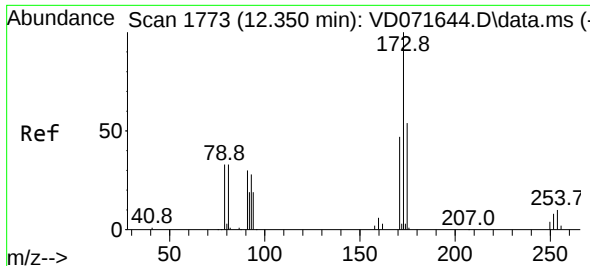
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#70
Styrene
Concen: 53.767 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

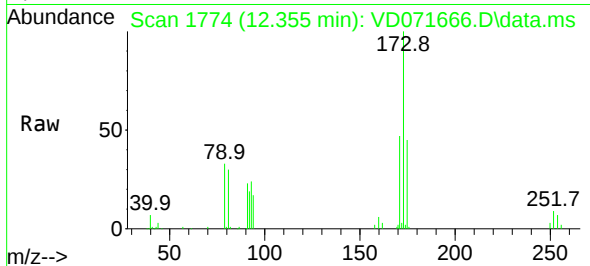
Tgt Ion:104 Resp: 529692
Ion Ratio Lower Upper
104 100
78 54.2 42.8 64.2
103 55.1 43.6 65.4





#71
Bromoform
Concen: 52.479 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

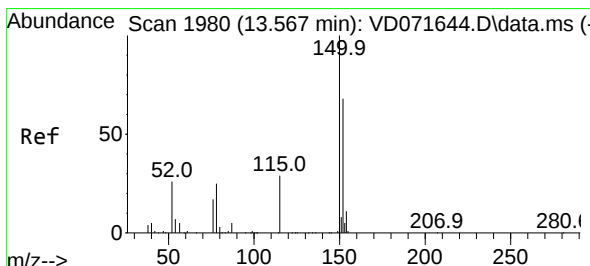
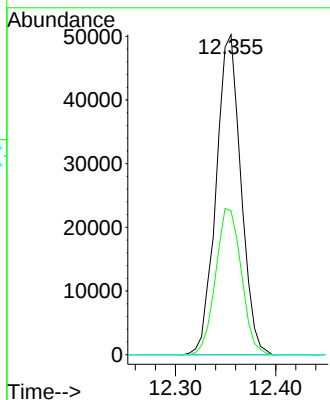
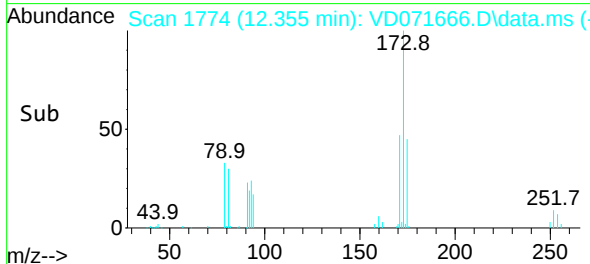
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



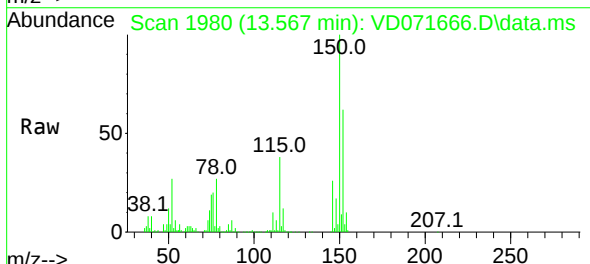
Tgt Ion:173 Resp: 86412
Ion Ratio Lower Upper
173 100
175 47.2 24.4 73.2
254 0.0 0.1 0.1

Manual Integrations
APPROVED

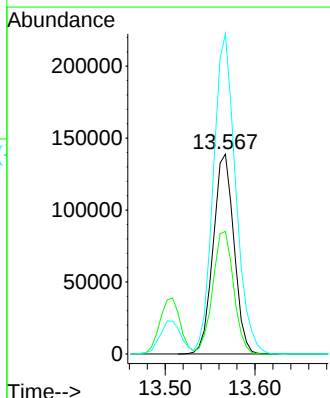
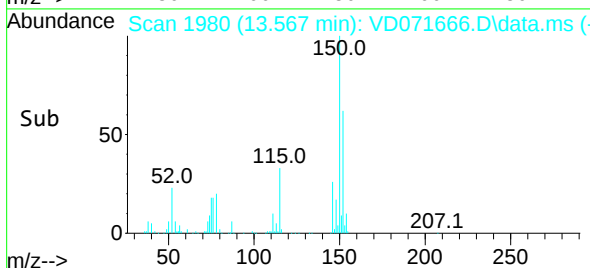
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

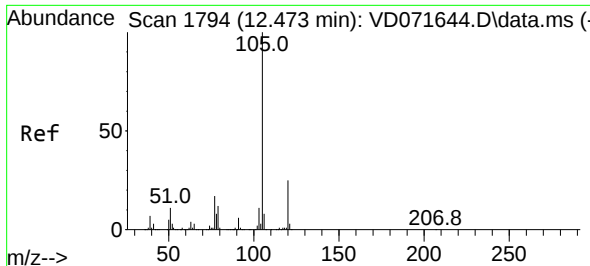


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



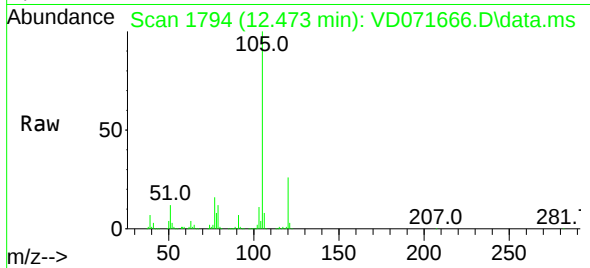
Tgt Ion:152 Resp: 223173
Ion Ratio Lower Upper
152 100
115 61.9 31.5 94.5
150 172.1 0.0 348.0





#73
Isopropylbenzene
Concen: 51.212 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

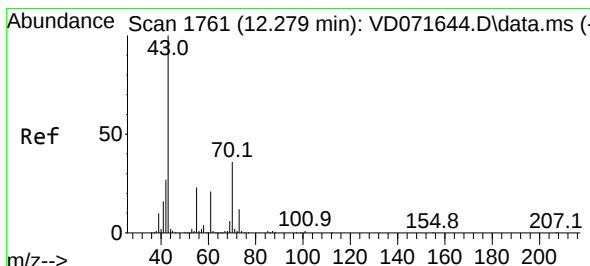
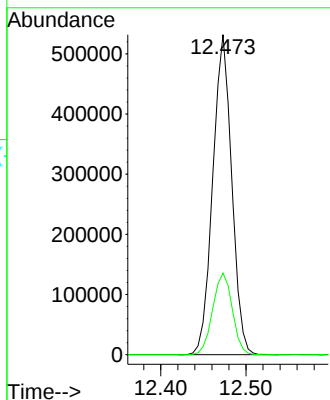
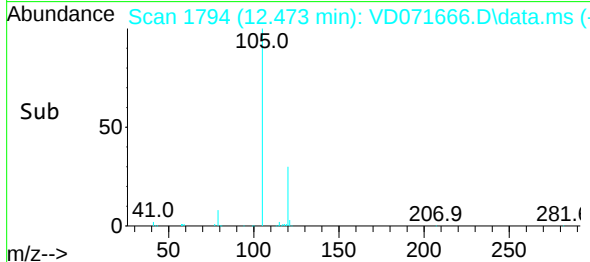
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



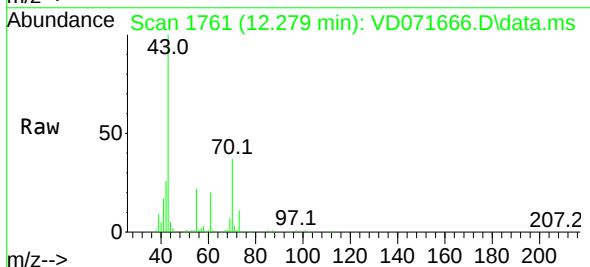
Tgt Ion:105 Resp: 821335
Ion Ratio Lower Upper
105 100
120 26.3 12.5 37.5

Manual Integrations
APPROVED

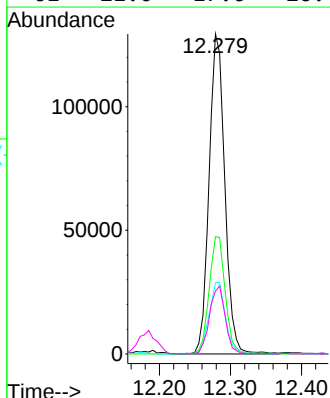
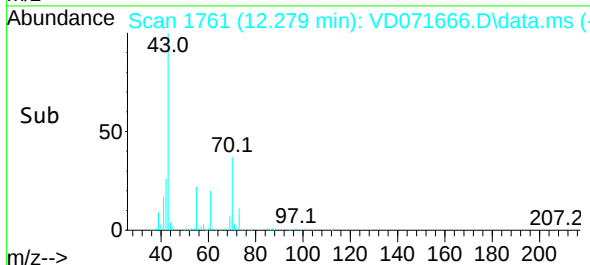
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

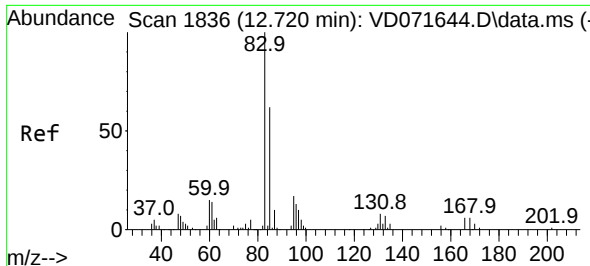


#74
N-ethyl acetate
Concen: 50.765 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



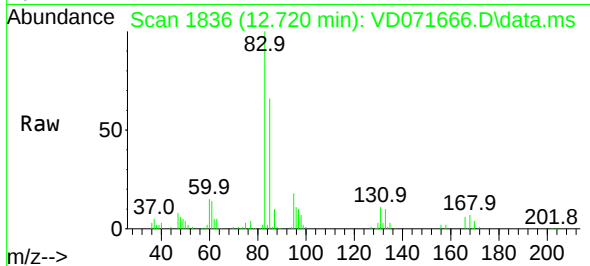
Tgt Ion: 43 Resp: 199714
Ion Ratio Lower Upper
43 100
70 37.2 29.5 44.3
55 23.4 19.1 28.7
61 21.0 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 48.886 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

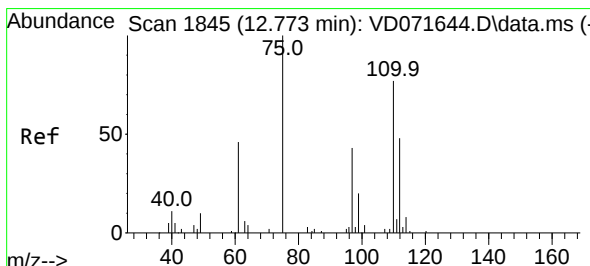
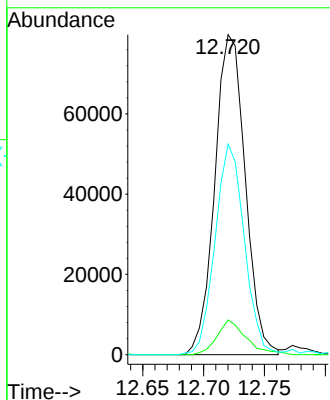
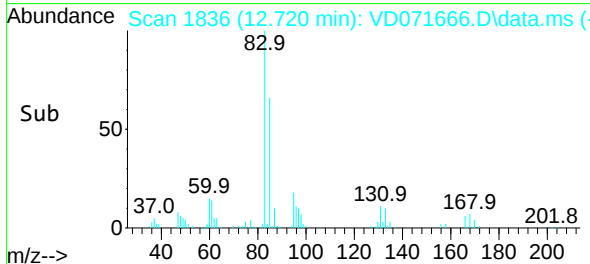
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 138932
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.2 32.2 96.6

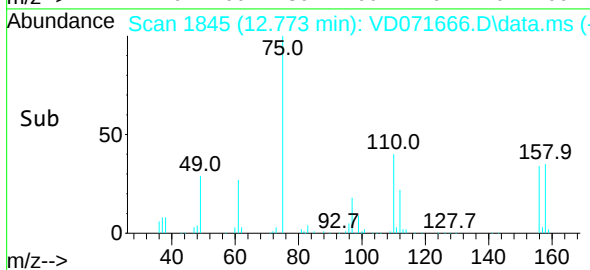
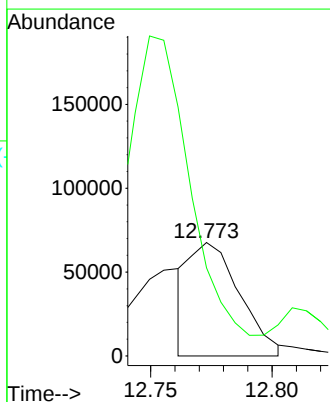
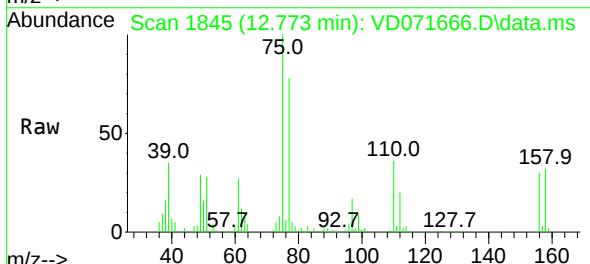
Manual Integrations
APPROVED

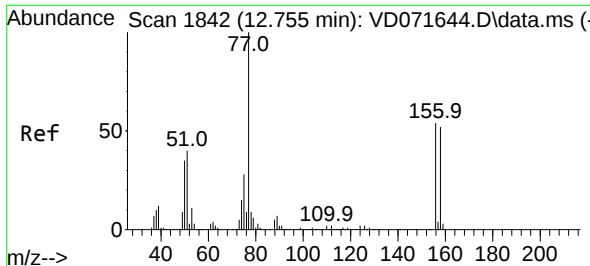
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#76
1,2,3-Trichloropropane
Concen: 45.390 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

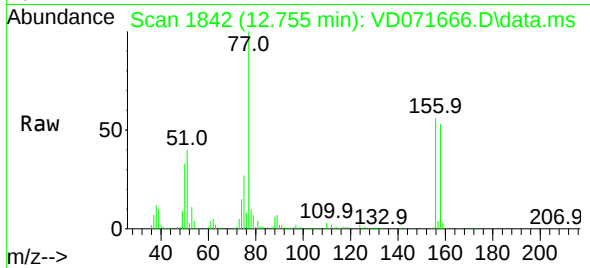
Tgt Ion: 75 Resp: 97883
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.240 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

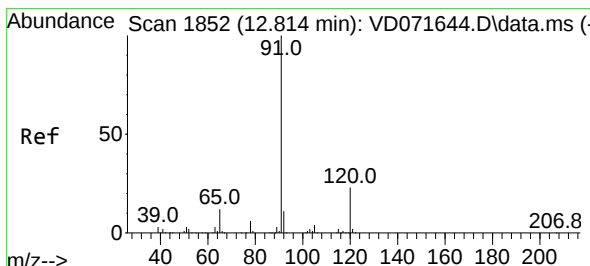
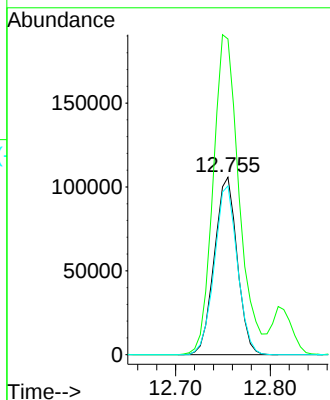
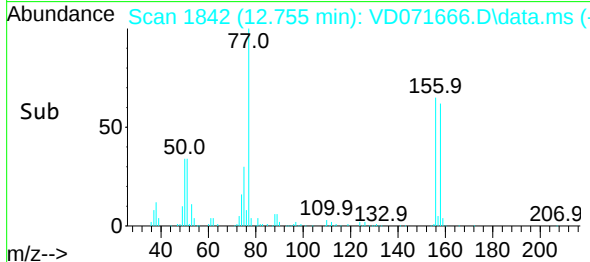
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



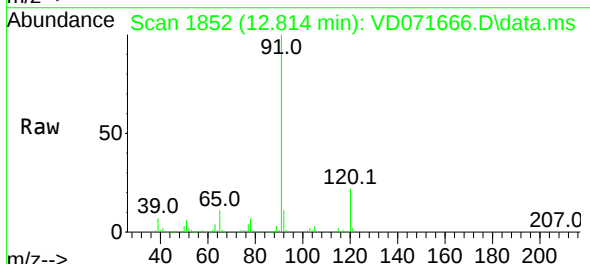
Tgt Ion:156 Resp: 17751
Ion Ratio Lower Upper
156 100
77 203.3 101.4 304.2
158 96.2 46.8 140.3

Manual Integrations
APPROVED

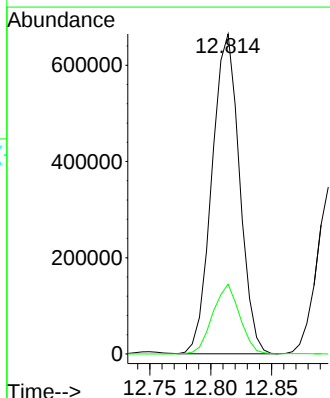
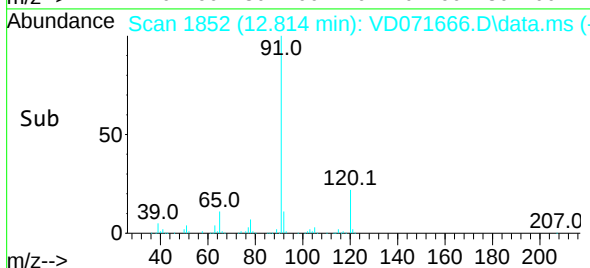
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

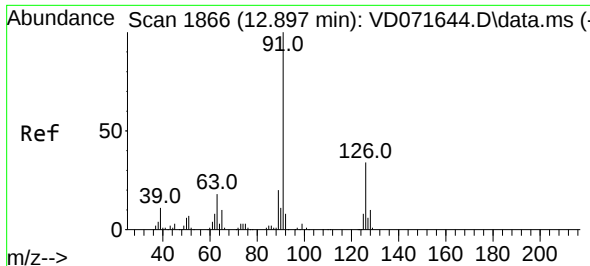


#78
n-propylbenzene
Concen: 51.978 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



Tgt Ion: 91 Resp: 1048405
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.7





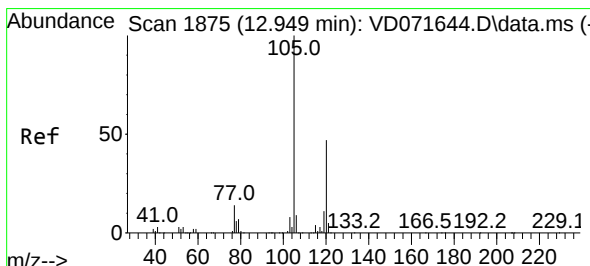
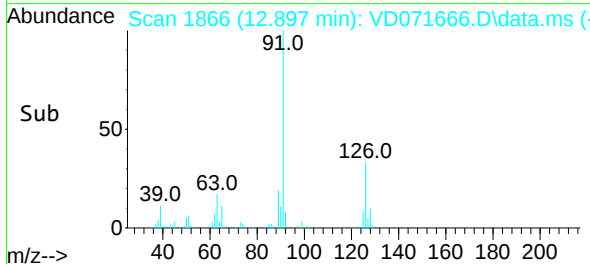
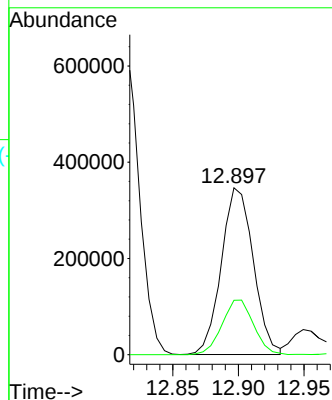
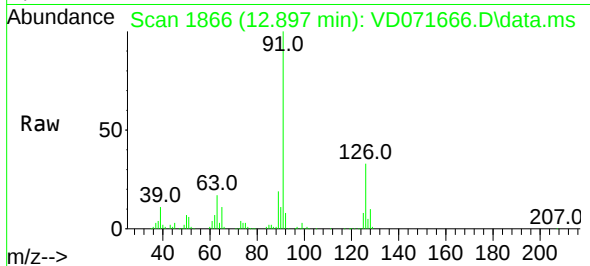
#79
2-Chlorotoluene
Concen: 51.828 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. -0.005 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 589199
Ion Ratio Lower Upper
91 100
126 32.4 16.7 50.0

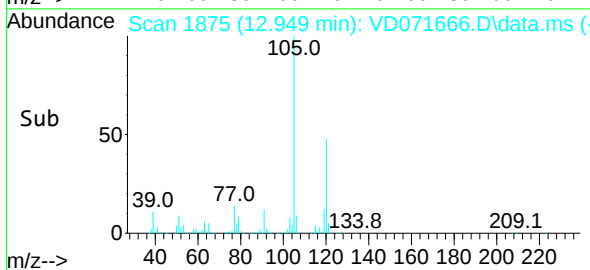
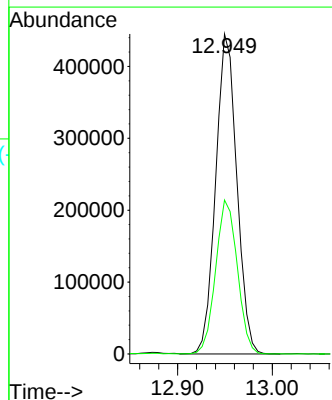
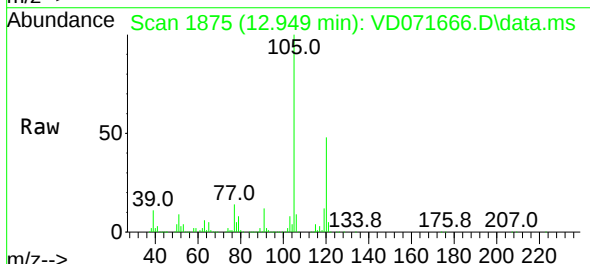
Manual Integrations
APPROVED

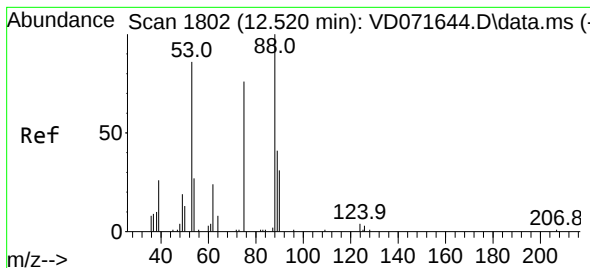
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 51.483 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

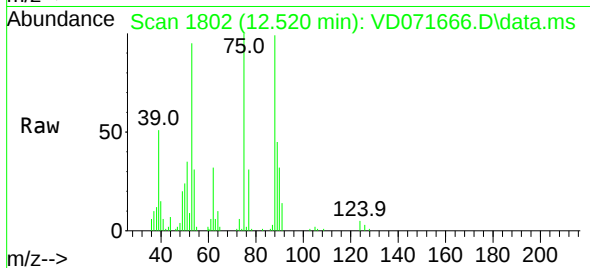
Tgt Ion:105 Resp: 689883
Ion Ratio Lower Upper
105 100
120 49.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 45.848 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

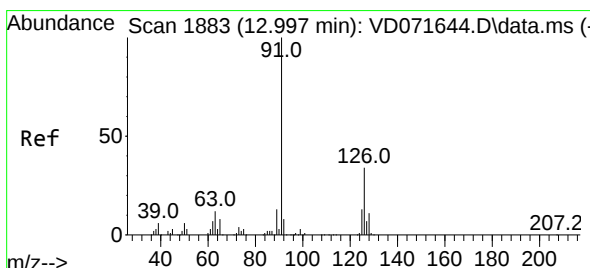
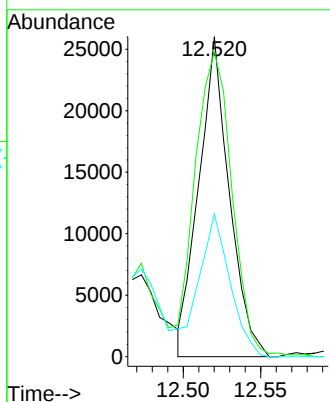
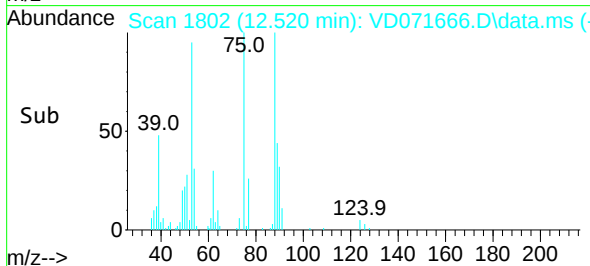
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



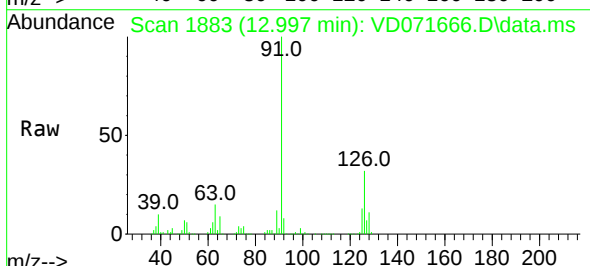
Tgt Ion: 75 Resp: 35464
Ion Ratio Lower Upper
75 100
53 117.4 95.4 143.0
89 45.3 37.2 55.8

Manual Integrations
APPROVED

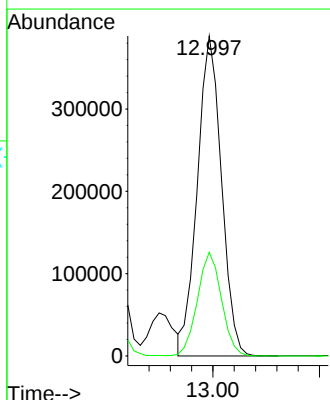
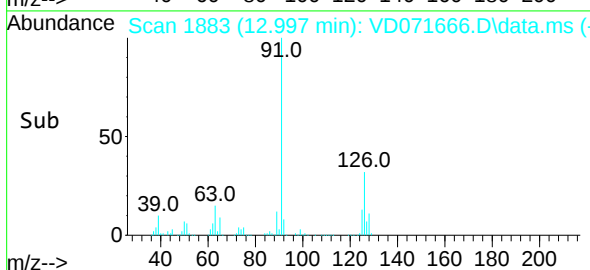
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

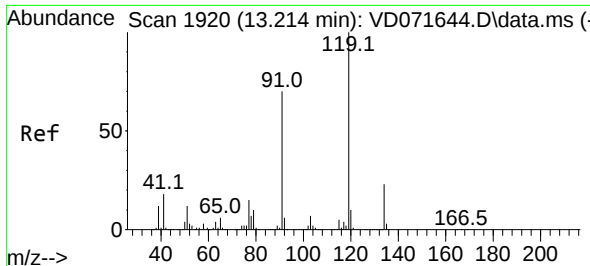


#82
4-Chlorotoluene
Concen: 51.791 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



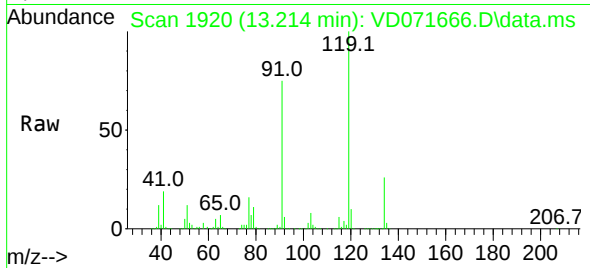
Tgt Ion: 91 Resp: 610823
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3





#83
tert-Butylbenzene
Concen: 51.207 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

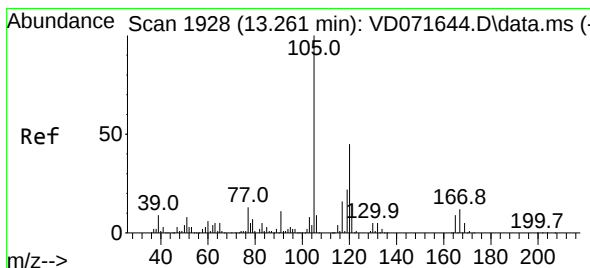
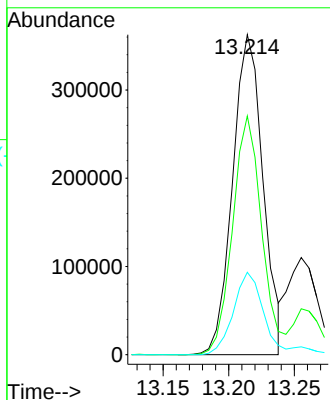
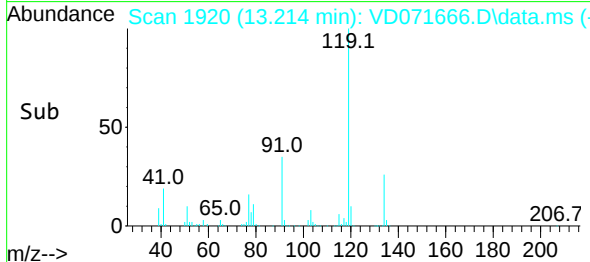
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



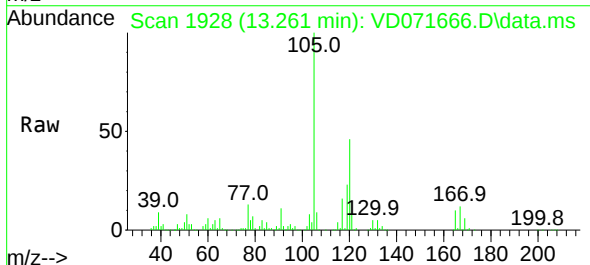
Tgt Ion:119 Resp: 58634
Ion Ratio Lower Upper
119 100
91 71.8 35.6 106.8
134 26.7 13.5 40.5

Manual Integrations
APPROVED

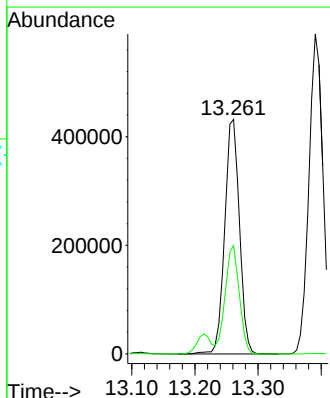
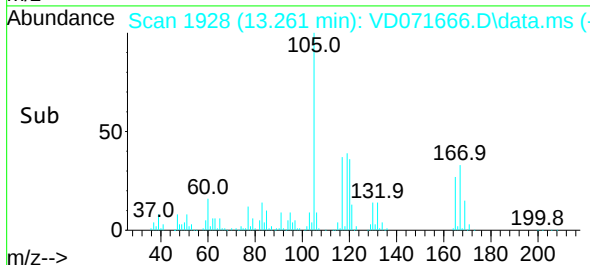
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

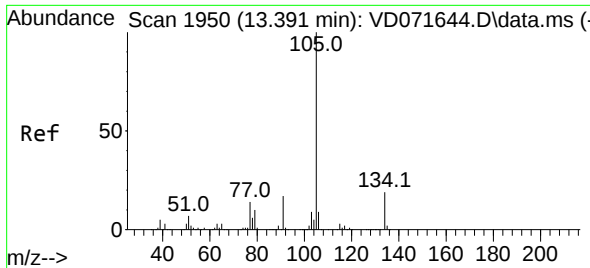


#84
1,2,4-Trimethylbenzene
Concen: 52.775 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



Tgt Ion:105 Resp: 699357
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.9





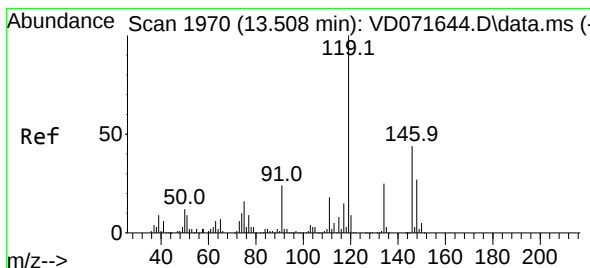
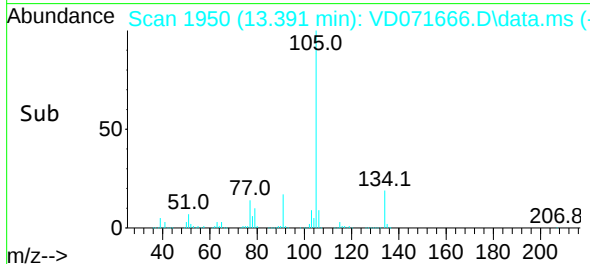
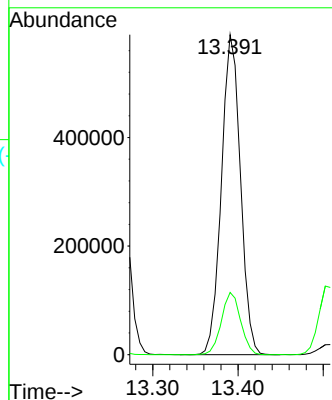
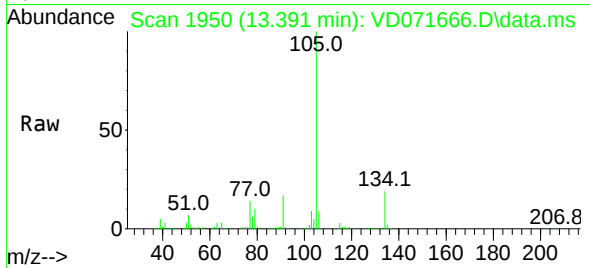
#85
 sec-Butylbenzene
 Concen: 52.066 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.001 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 913128
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3

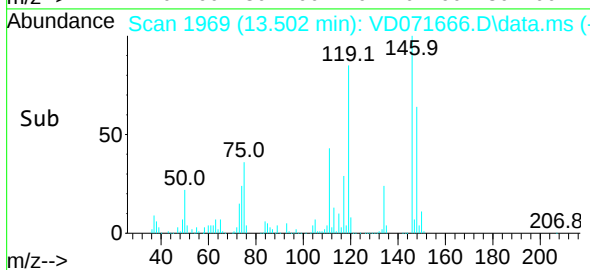
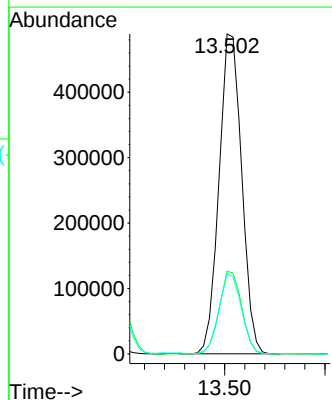
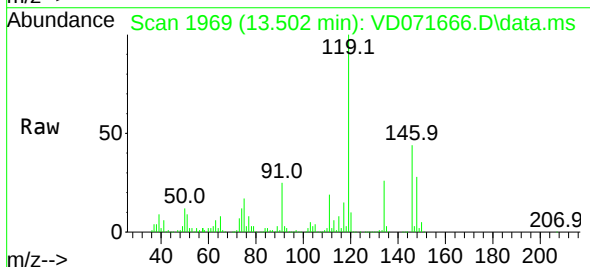
Manual Integrations
 APPROVED

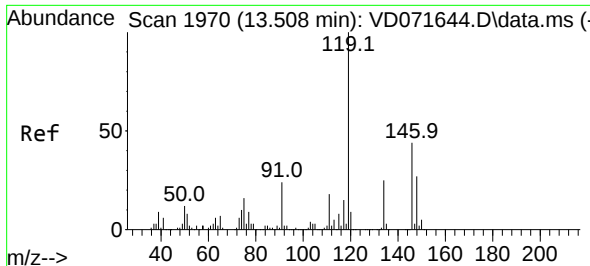
Reviewed By :John Carlone 01/12/2022
 Supervised By :Mahesh Dadoda 01/12/2022



#86
 p-Isopropyltoluene
 Concen: 53.172 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071666.D
 Acq: 10 Jan 2022 19:17

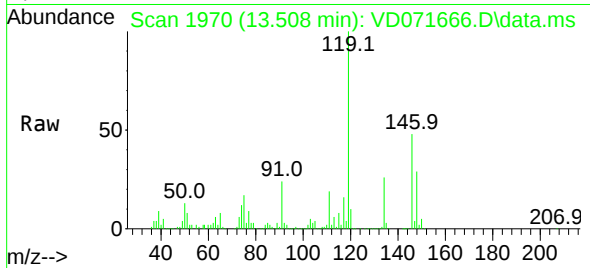
Tgt Ion:119 Resp: 765628
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.7 38.1
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 52.111 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

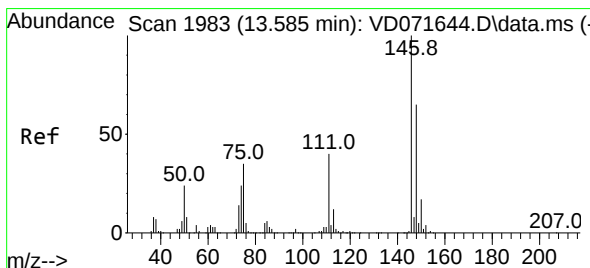
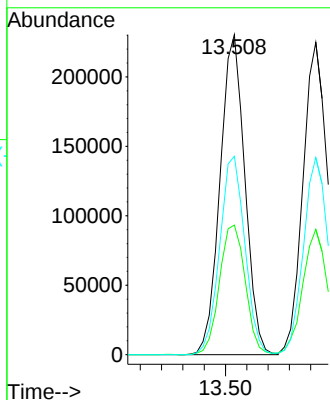
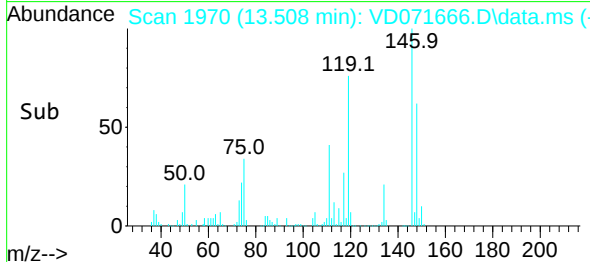
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



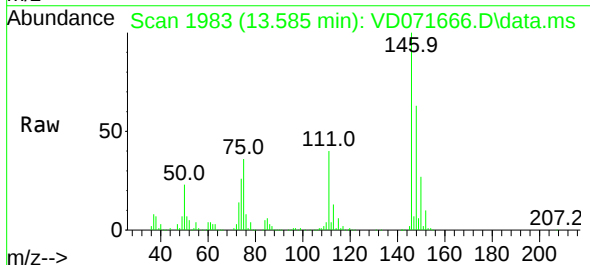
Tgt Ion:146 Resp: 372558
Ion Ratio Lower Upper
146 100
111 42.1 20.8 62.5
148 63.1 31.3 93.8

Manual Integrations
APPROVED

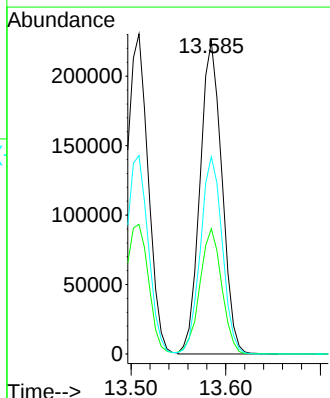
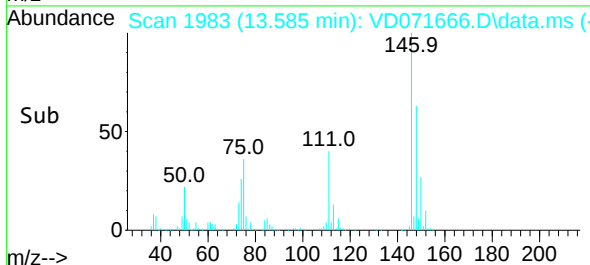
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

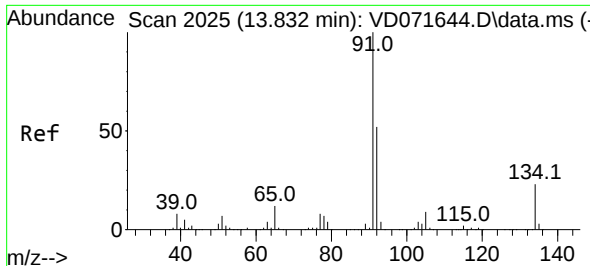


#88
1,4-Dichlorobenzene
Concen: 49.780 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



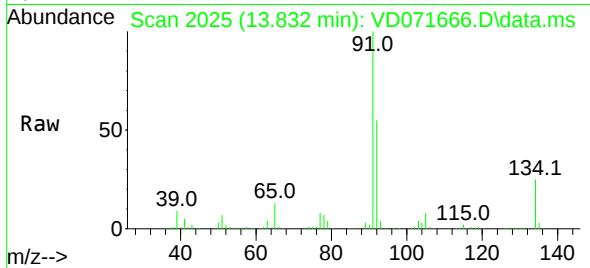
Tgt Ion:146 Resp: 363085
Ion Ratio Lower Upper
146 100
111 40.2 20.7 62.1
148 62.9 32.3 96.9





#89
n-Butylbenzene
Concen: 52.291 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

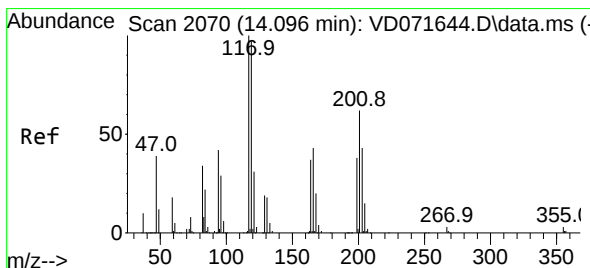
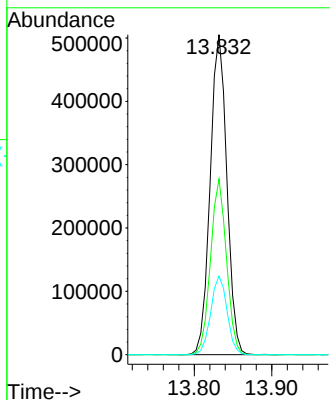
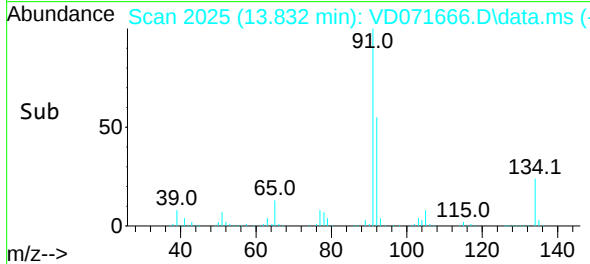
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 754049
Ion Ratio Lower Upper
91 100
92 52.6 26.6 79.8
134 24.1 12.1 36.3

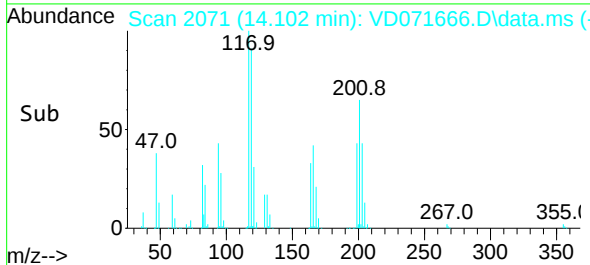
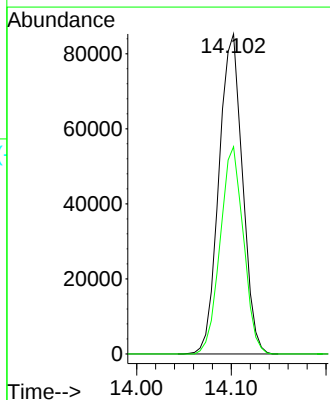
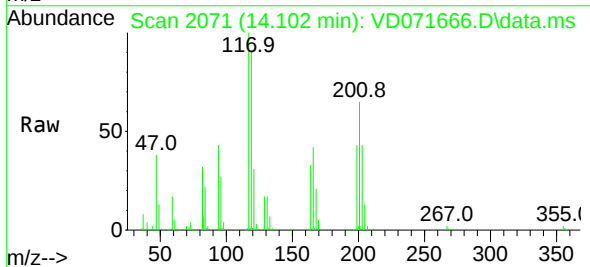
Manual Integrations
APPROVED

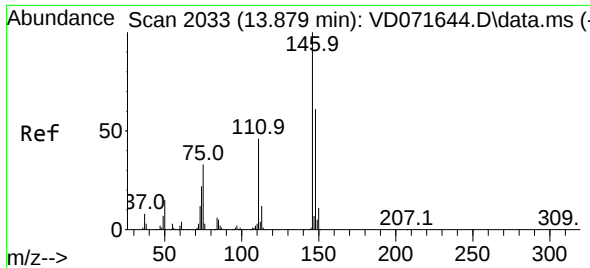
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022



#90
Hexachloroethane
Concen: 51.787 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

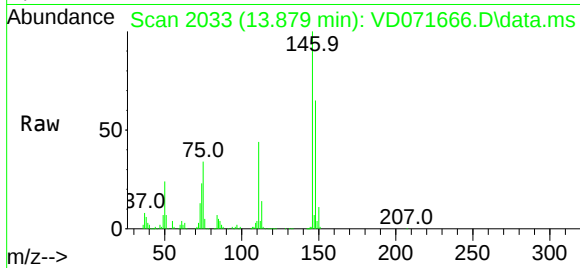
Tgt Ion:117 Resp: 147534
Ion Ratio Lower Upper
117 100
201 63.9 32.1 96.5





#91
1,2-Dichlorobenzene
Concen: 51.398 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

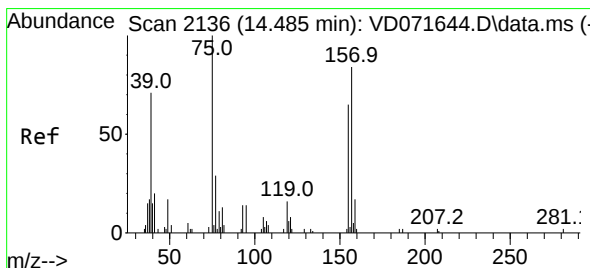
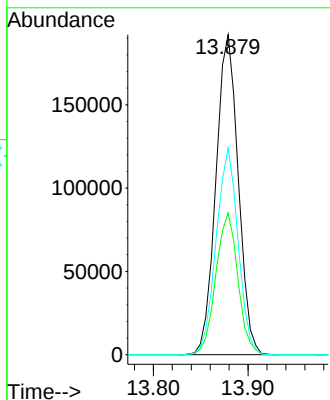
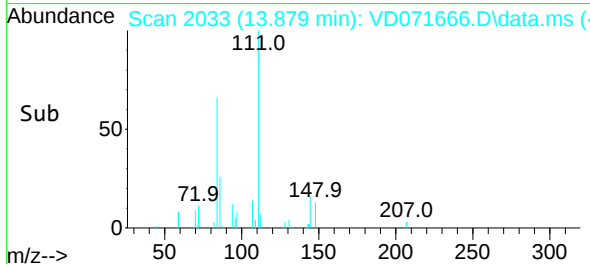
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



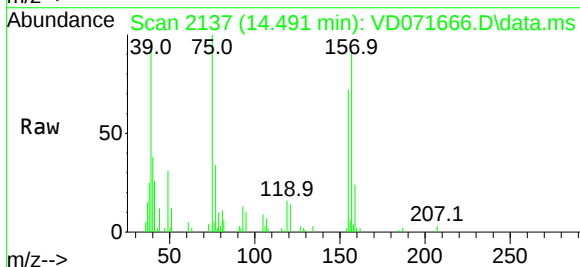
Tgt Ion:146 Resp: 314928
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.3
148 63.5 31.3 93.8

Manual Integrations
APPROVED

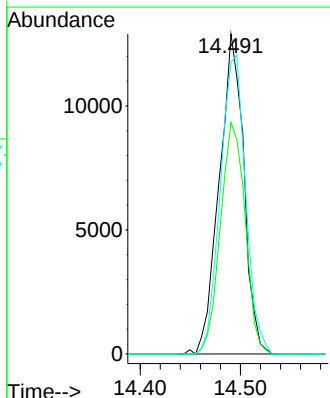
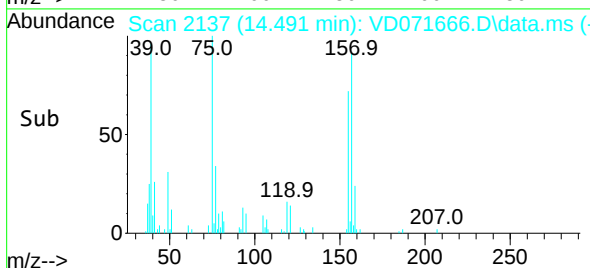
Reviewed By :John Carlone 01/12/2022
Supervised By :Mahesh Dadoda 01/12/2022

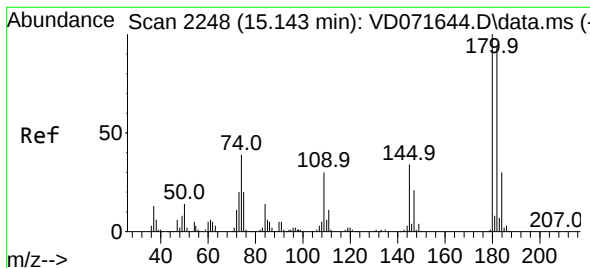


#92
1,2-Dibromo-3-Chloropropane
Concen: 47.803 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



Tgt Ion: 75 Resp: 21835
Ion Ratio Lower Upper
75 100
155 73.1 35.4 106.1
157 96.4 44.9 134.5





#93

1,2,4-Trichlorobenzene

Concen: 53.234 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD071666.D

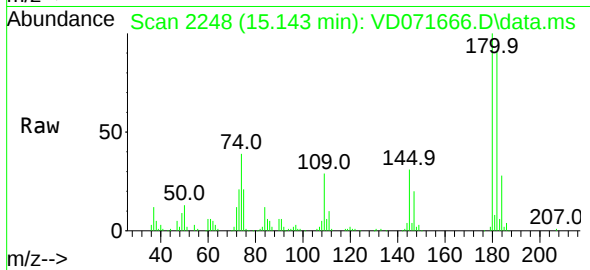
Acq: 10 Jan 2022 19:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion:180 Resp: 187979

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

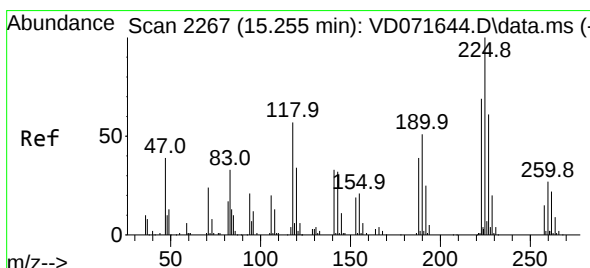
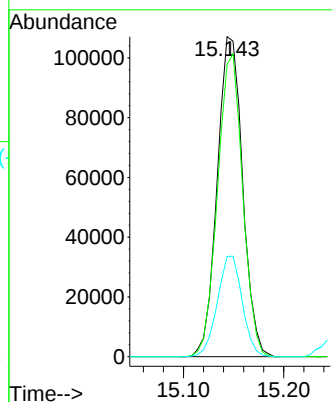
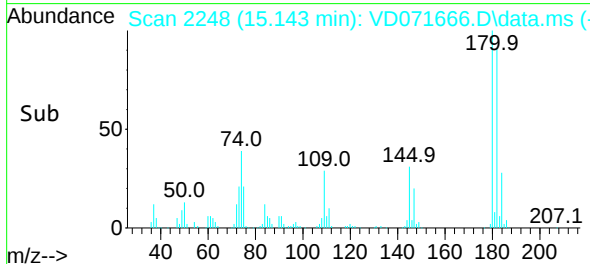
145 30.8 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/12/2022

Supervised By :Mahesh Dadoda 01/12/2022



#94

Hexachlorobutadiene

Concen: 49.867 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.006 min

Lab File: VD071666.D

Acq: 10 Jan 2022 19:17

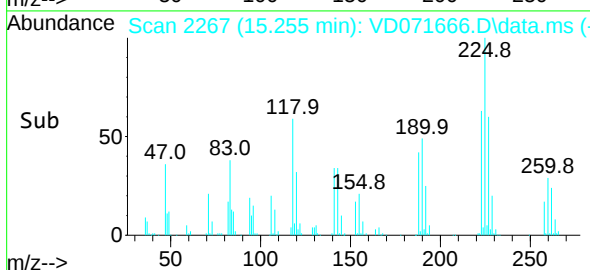
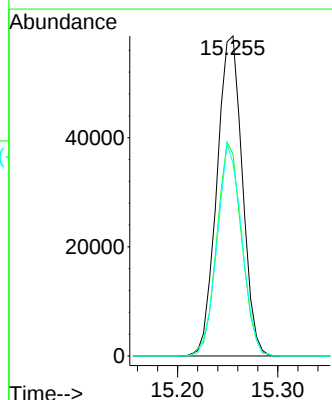
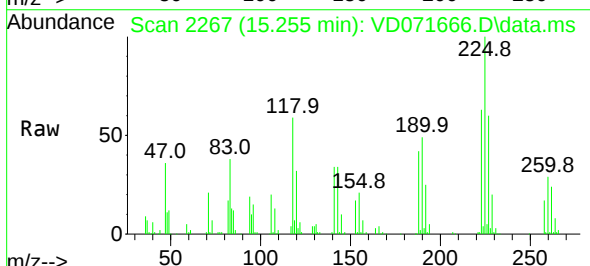
Tgt Ion:225 Resp: 103229

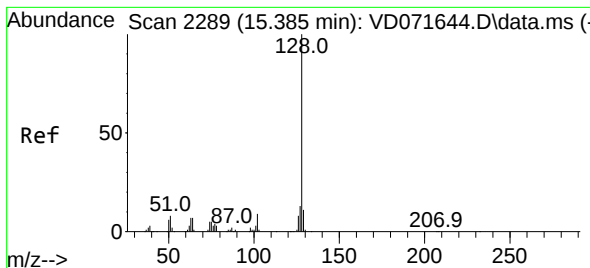
Ion Ratio Lower Upper

225 100

223 65.1 31.3 93.9

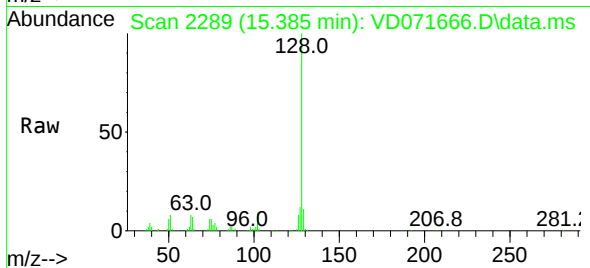
227 64.4 31.4 94.3





#95
Naphthalene
Concen: 51.887 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17

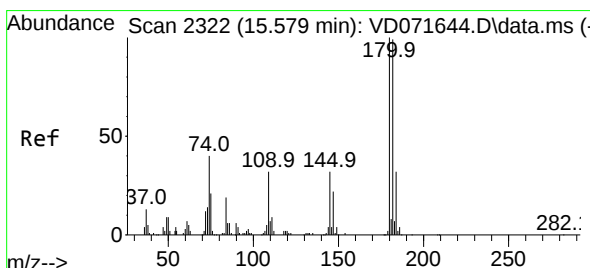
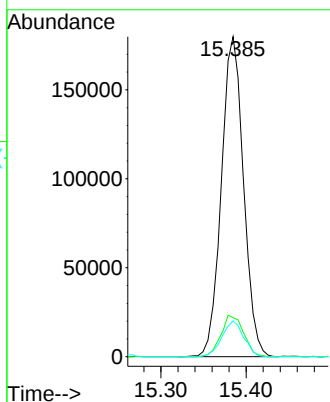
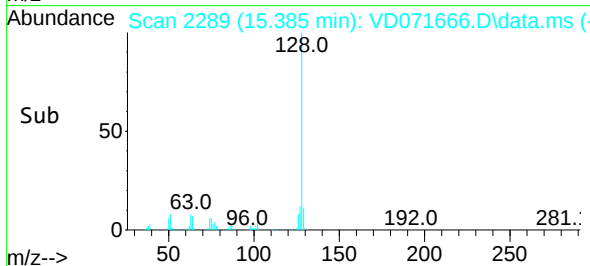
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



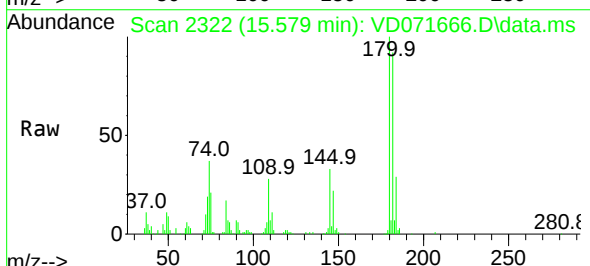
Tgt Ion:128 Resp: 324398
Ion Ratio Lower Upper
128 100
127 13.2 10.9 16.3
129 11.0 9.1 13.7

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 52.404 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.001 min
Lab File: VD071666.D
Acq: 10 Jan 2022 19:17



Tgt Ion:180 Resp: 157679
Ion Ratio Lower Upper
180 100
182 93.6 47.0 141.2
145 32.9 16.4 49.2

