

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072282.D
 Acq On : 18 Mar 2022 11:31
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 19 05:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/21/2022
 Supervised By : Mahesh Dadoda 03/21/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	362065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	571283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	537875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	273779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216007	53.533	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.060%			
35) Dibromofluoromethane	7.908	113	211036	52.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.980%			
50) Toluene-d8	10.332	98	772208	52.532	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.626	95	287256	50.293	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	152439	45.520	ug/l	100
3) Chloromethane	2.209	50	158086	53.124	ug/l	98
4) Vinyl Chloride	2.350	62	158608	55.216	ug/l	100
5) Bromomethane	2.761	94	101330	54.173	ug/l	97
6) Chloroethane	2.914	64	103727	54.617	ug/l	97
7) Trichlorofluoromethane	3.273	101	324803	50.070	ug/l	100
8) Diethyl Ether	3.714	74	89044	49.701	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	201735	48.772	ug/l	96
10) Methyl Iodide	4.303	142	144921	39.593	ug/l	99
11) Tert butyl alcohol	5.208	59	54796	234.216	ug/l	99
12) 1,1-Dichloroethene	4.067	96	165675	49.788	ug/l	93
13) Acrolein	3.920	56	49505	237.135	ug/l	96
14) Allyl chloride	4.708	41	288970	49.668	ug/l	94
15) Acrylonitrile	5.414	53	234858	259.798	ug/l	96
16) Acetone	4.156	43	200589	228.961	ug/l	90
17) Carbon Disulfide	4.408	76	390422	50.297	ug/l	99
18) Methyl Acetate	4.714	43	103878	48.384	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	453866	50.181	ug/l	100
20) Methylene Chloride	4.961	84	228907	53.201	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	192237	52.230	ug/l	97
22) Diisopropyl ether	6.361	45	695926	52.442	ug/l #	93
23) Vinyl Acetate	6.302	43	1835907	271.078	ug/l	96
24) 1,1-Dichloroethane	6.255	63	394019	50.345	ug/l	100
25) 2-Butanone	7.208	43	294591	252.198	ug/l	98
26) 2,2-Dichloropropane	7.202	77	333728	47.260	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	230126	48.974	ug/l	97
28) Bromochloromethane	7.544	49	176877	56.139	ug/l	87
29) Tetrahydrofuran	7.561	42	187613	273.148	ug/l	94
30) Chloroform	7.708	83	417251	50.044	ug/l	98
31) Cyclohexane	7.979	56	317004	50.285	ug/l	96
32) 1,1,1-Trichloroethane	7.902	97	360163	48.637	ug/l	99
36) 1,1-Dichloropropene	8.108	75	292877	51.931	ug/l	97
37) Ethyl Acetate	7.285	43	128850	52.156	ug/l #	97
38) Carbon Tetrachloride	8.097	117	323568	50.472	ug/l	98
39) Methylcyclohexane	9.349	83	334281	52.673	ug/l	99
40) Benzene	8.349	78	838706	52.127	ug/l	100

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Quant Time: Mar 19 05:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77507	53.827	ug/l	90
42) 1,2-Dichloroethane	8.420	62	256571	52.567	ug/l	97
43) Isopropyl Acetate	8.449	43	251496	52.449	ug/l	95
44) Trichloroethene	9.108	130	226317	50.105	ug/l	95
45) 1,2-Dichloropropane	9.379	63	226171	51.256	ug/l	98
46) Dibromomethane	9.473	93	117464	54.116	ug/l	96
47) Bromodichloromethane	9.655	83	319385	50.474	ug/l	98
48) Methyl methacrylate	9.455	41	131356	57.371	ug/l	94
49) 1,4-Dioxane	9.461	88	28280	1086.479	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	687524	272.994	ug/l	95
52) Toluene	10.396	92	550234	51.971	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	290592	50.264	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	343125	51.341	ug/l	92
55) 1,1,2-Trichloroethane	10.796	97	168868	51.071	ug/l	96
56) Ethyl methacrylate	10.655	69	208648	53.873	ug/l	89
57) 1,3-Dichloropropane	10.938	76	287893	51.878	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	477748	274.349	ug/l	97
59) 2-Hexanone	10.979	43	476258	273.802	ug/l	97
60) Dibromochloromethane	11.132	129	213948	49.864	ug/l	99
61) 1,2-Dibromoethane	11.243	107	153789	51.471	ug/l	99
64) Tetrachloroethene	10.873	164	186384	49.181	ug/l	94
65) Chlorobenzene	11.661	112	587803	49.294	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	226981	48.136	ug/l	100
67) Ethyl Benzene	11.738	91	1071326	50.303	ug/l	99
68) m/p-Xylenes	11.843	106	826958	102.257	ug/l	100
69) o-Xylene	12.173	106	391591	50.623	ug/l	97
70) Styrene	12.185	104	689042	51.011	ug/l	98
71) Bromoform	12.355	173	123097	48.870	ug/l #	97
73) Isopropylbenzene	12.473	105	1082750	49.906	ug/l	99
74) N-amyl acetate	12.279	43	247940	53.179	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	196974	50.764	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	129447m	42.863	ug/l	
77) Bromobenzene	12.749	156	241546	49.465	ug/l	93
78) n-propylbenzene	12.814	91	1338607	50.796	ug/l	100
79) 2-Chlorotoluene	12.896	91	756497	49.645	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	919017	49.307	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	59074	48.532	ug/l	93
82) 4-Chlorotoluene	12.996	91	782402	49.588	ug/l	99
83) tert-Butylbenzene	13.214	119	794565	48.625	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	902876	49.163	ug/l	100
85) sec-Butylbenzene	13.390	105	1207980	49.226	ug/l	99
86) p-Isopropyltoluene	13.502	119	996642	49.356	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	493396	48.211	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	489307	48.216	ug/l	100
89) n-Butylbenzene	13.832	91	957445	49.744	ug/l	99
90) Hexachloroethane	14.102	117	188443	47.614	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	431223	48.329	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	30879	49.865	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	272148	46.069	ug/l	99
94) Hexachlorobutadiene	15.255	225	154462	44.950	ug/l	100
95) Naphthalene	15.384	128	491924	48.308	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	240446	47.023	ug/l	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

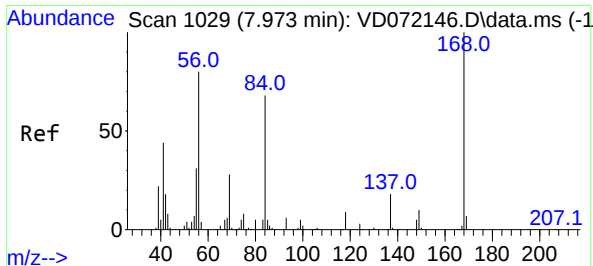
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 19 05:20:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 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



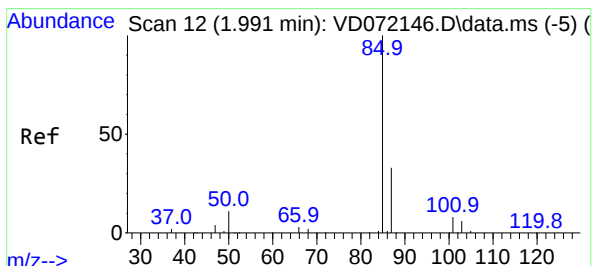
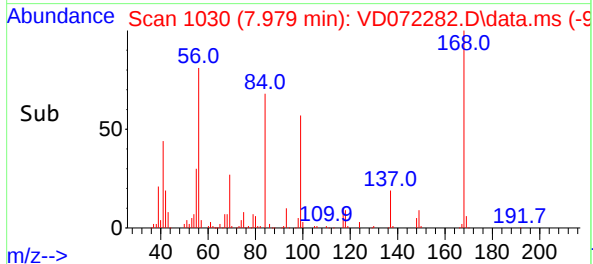
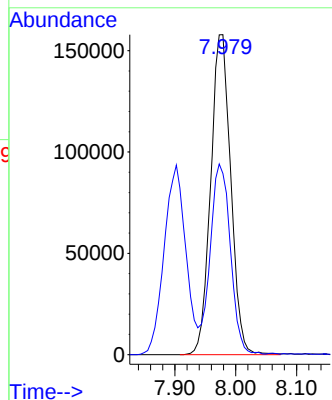
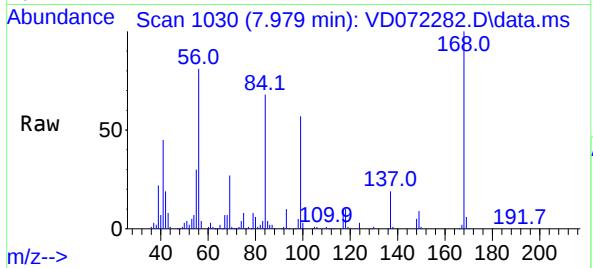
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 36206
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6

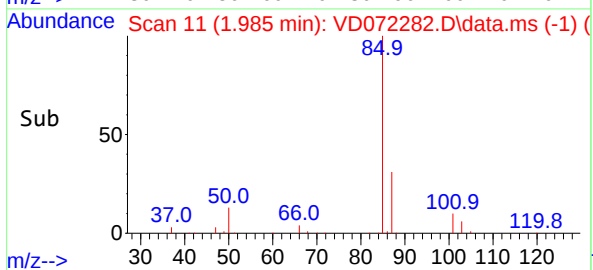
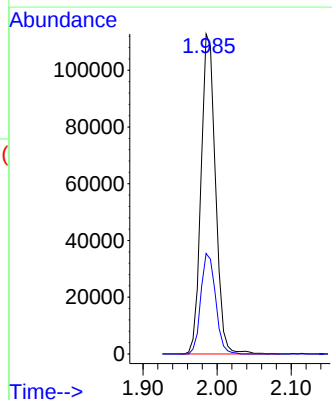
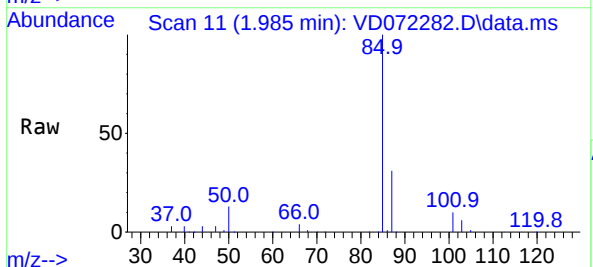
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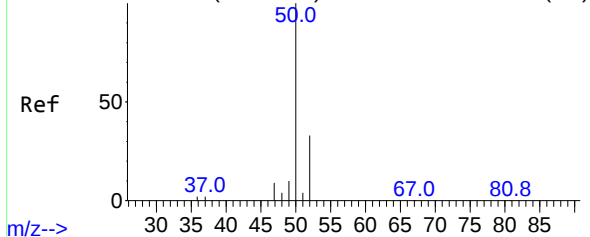


Dichlorodifluoromethane
Concen: 45.520 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 85 Resp: 152439
Ion Ratio Lower Upper
85 100
87 31.4 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3

Chloromethane

Concen: 53.124 ug/l

RT: 2.209 min Scan# 49

Delta R.T. -0.000 min

Lab File: VD072282.D

Acq: 18 Mar 2022 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 15808

Ion Ratio Lower Upper

50 100

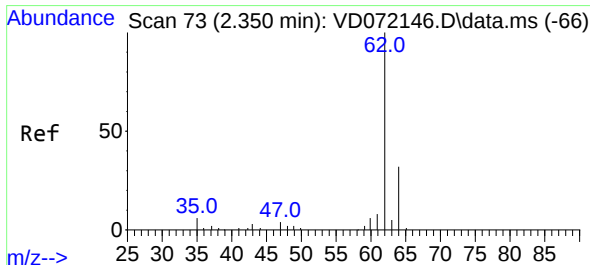
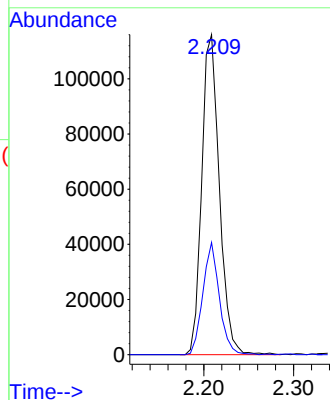
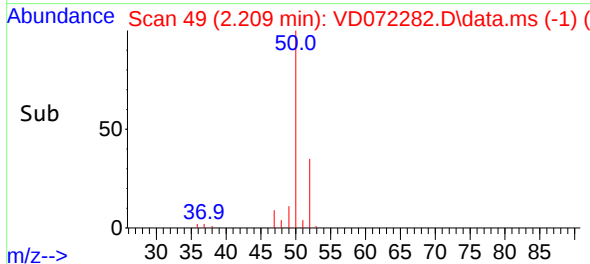
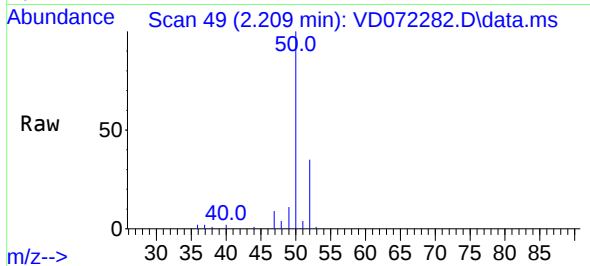
52 35.1 27.4 41.0

Manual Integrations

APPROVED

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#4

Vinyl Chloride

Concen: 55.216 ug/l

RT: 2.350 min Scan# 73

Delta R.T. -0.000 min

Lab File: VD072282.D

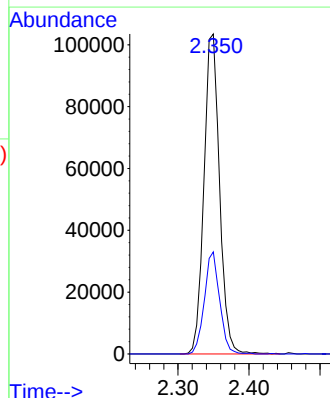
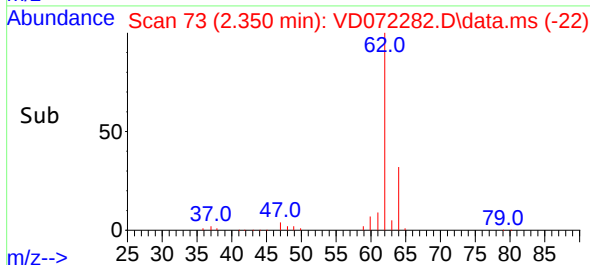
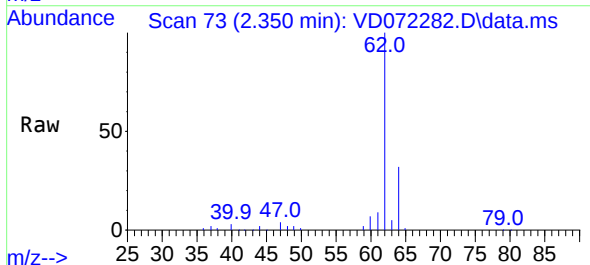
Acq: 18 Mar 2022 11:31

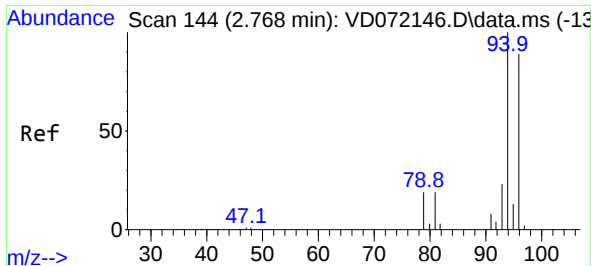
Tgt Ion: 62 Resp: 158608

Ion Ratio Lower Upper

62 100

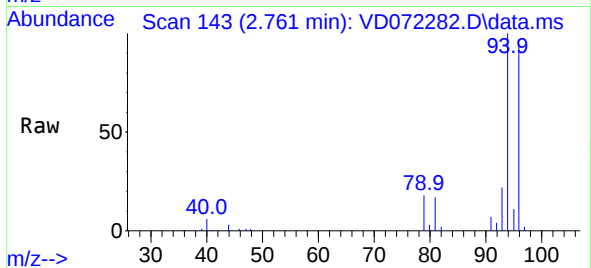
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 54.173 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

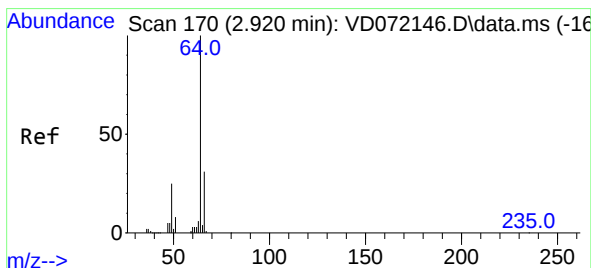
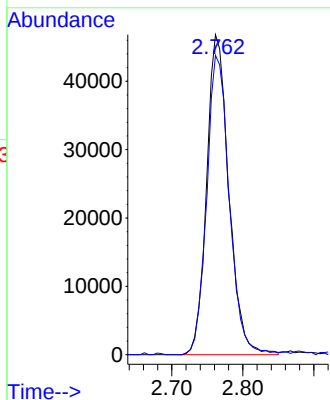
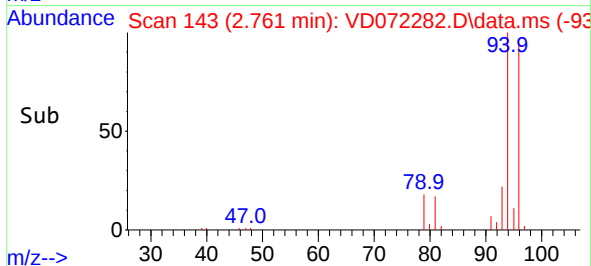
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 101330
Ion Ratio Lower Upper
94 100
96 93.6 77.6 116.4

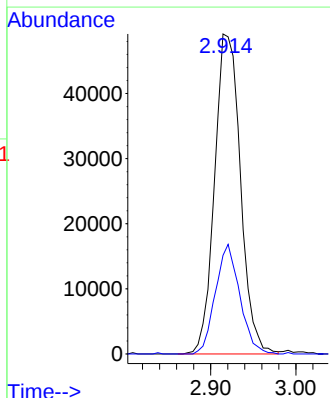
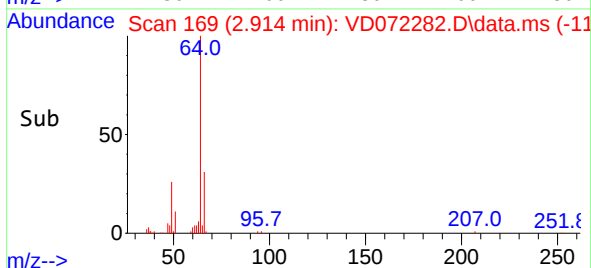
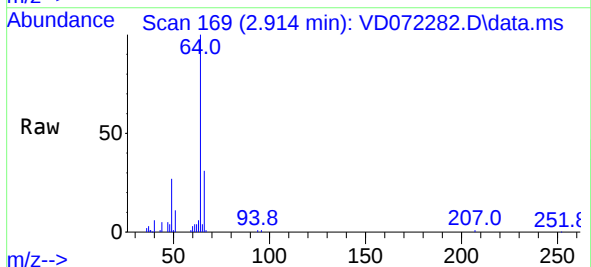
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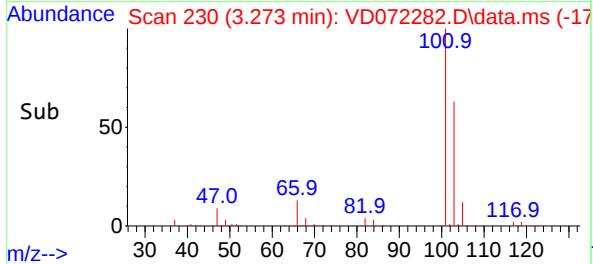
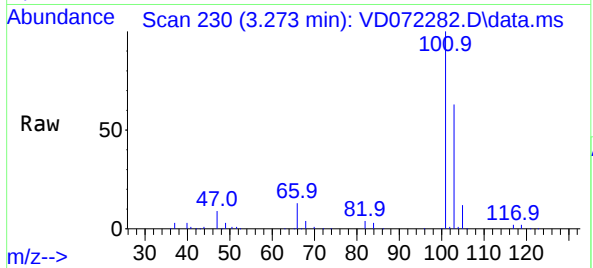
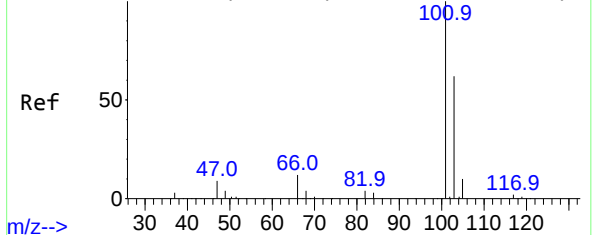


#6
Chloroethane
Concen: 54.617 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 64 Resp: 103727
Ion Ratio Lower Upper
64 100
66 30.8 25.9 38.9



Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



#7
Trichlorofluoromethane
Concen: 50.070 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion:101 Resp: 32480
Ion Ratio Lower Upper
101 100
103 62.5 50.1 75.1

Instrument :

MSVOA_D

ClientSampleId :

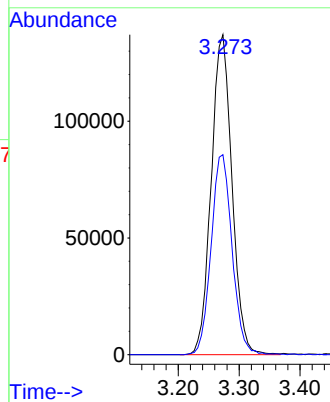
VSTDCCC050

Manual Integrations

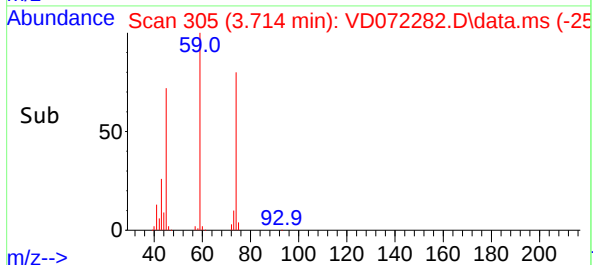
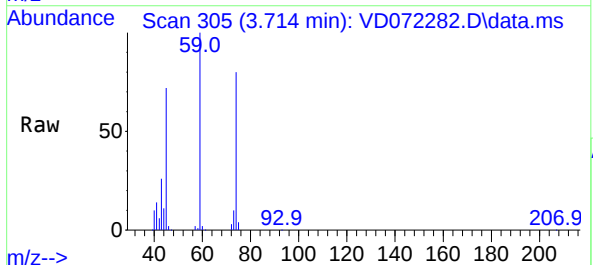
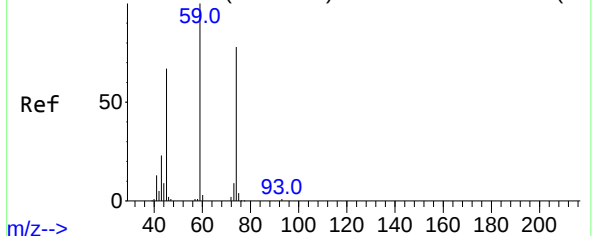
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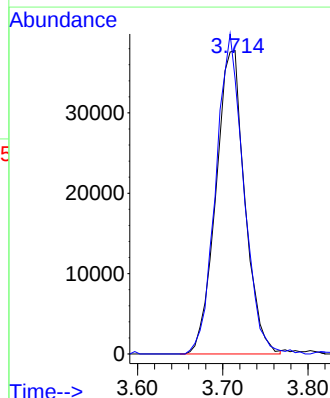


Abundance Scan 305 (3.715 min): VD072146.D\data.ms (-29



#8
Diethyl Ether
Concen: 49.701 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 74 Resp: 89044
Ion Ratio Lower Upper
74 100
45 101.7 52.6 157.8





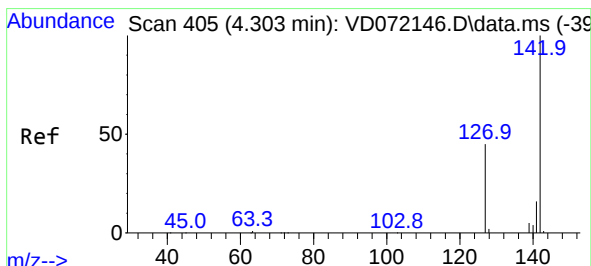
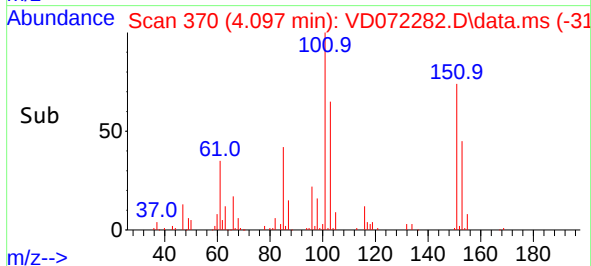
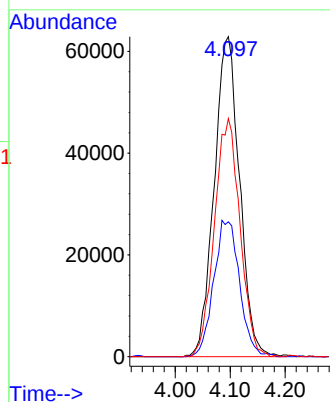
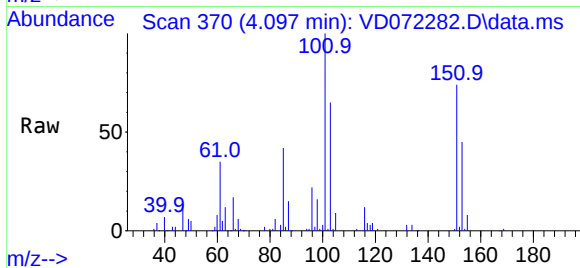
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.772 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 20173
Ion Ratio Lower Upper
101 100
85 43.4 36.4 54.6
151 75.0 57.3 85.9

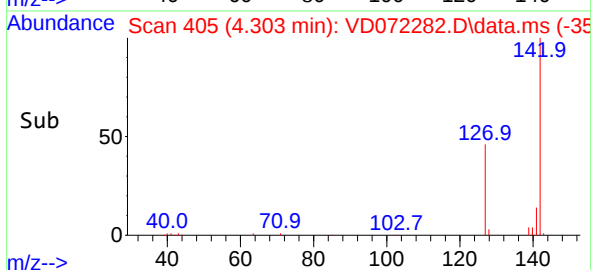
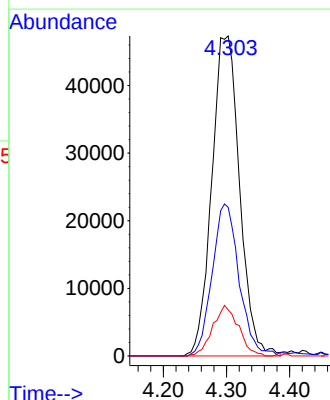
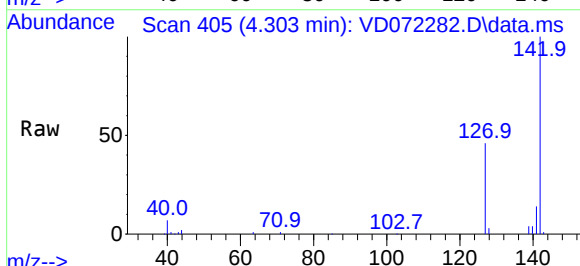
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 39.593 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

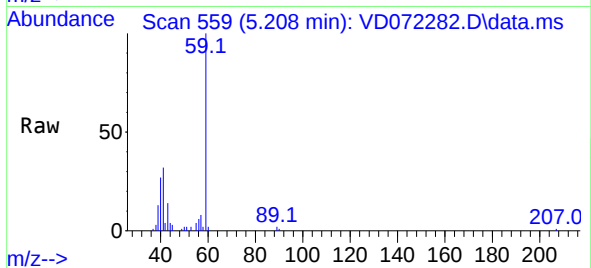
Tgt Ion:142 Resp: 144921
Ion Ratio Lower Upper
142 100
127 45.9 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 234.216 ug/l
RT: 5.208 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

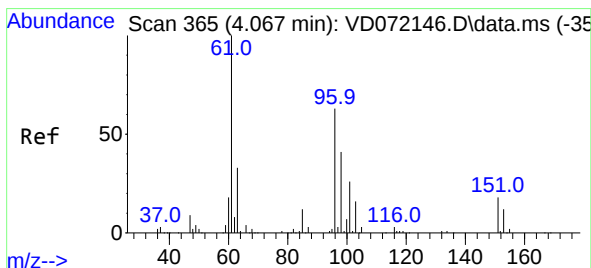
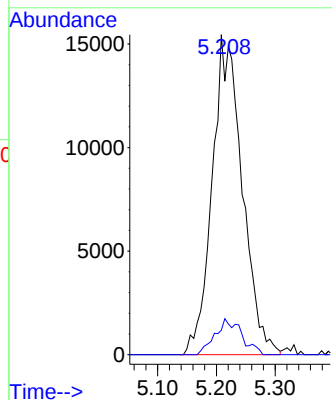
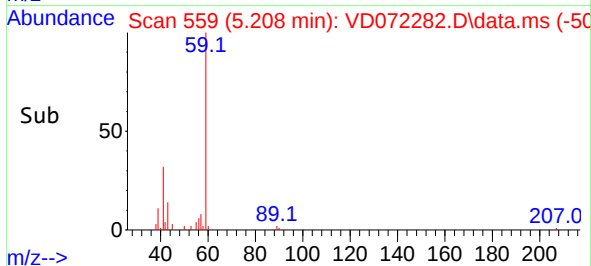
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



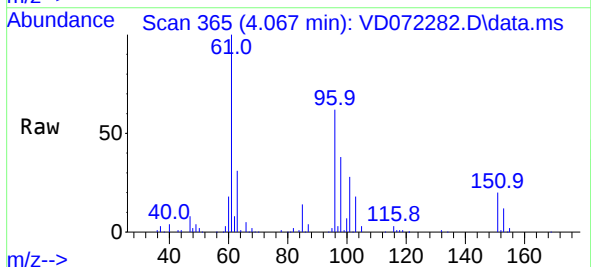
Tgt Ion: 59 Resp: 54790
Ion Ratio Lower Upper
59 100
57 9.9 7.8 11.6

Manual Integrations
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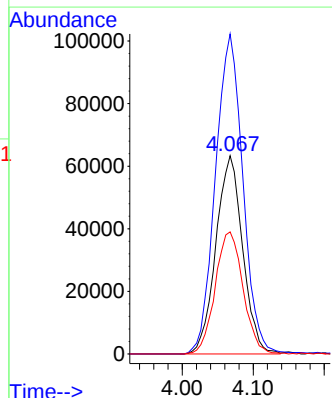
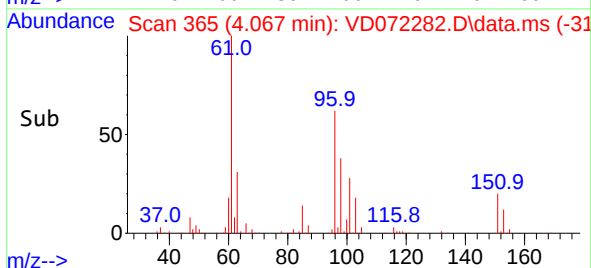
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1-Dichloroethene
Concen: 49.788 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



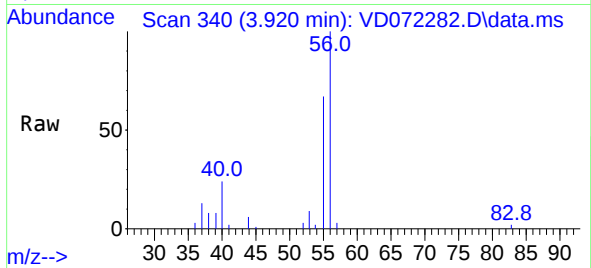
Tgt Ion: 96 Resp: 165675
Ion Ratio Lower Upper
96 100
61 161.4 138.5 207.7
98 61.6 48.6 73.0





#13
Acrolein
Concen: 237.135 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

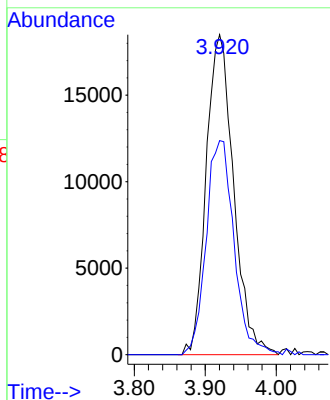
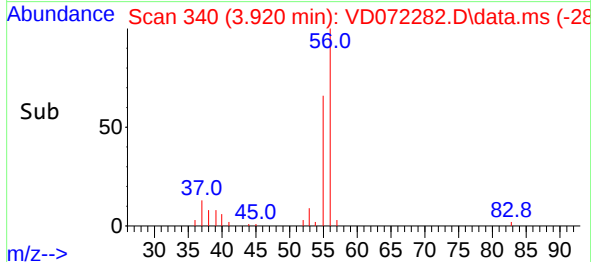
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



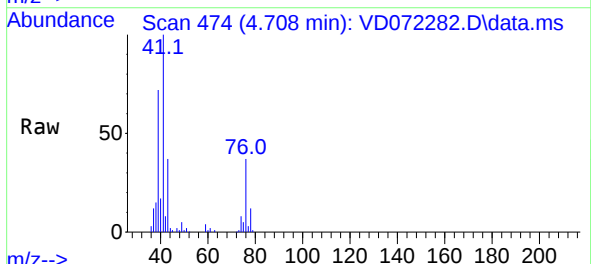
Tgt Ion: 56 Resp: 4950
Ion Ratio Lower Upper
56 100
55 68.0 57.1 85.7

Manual Integrations
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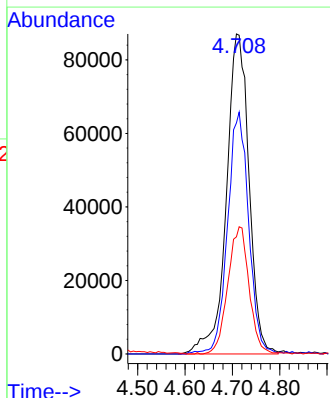
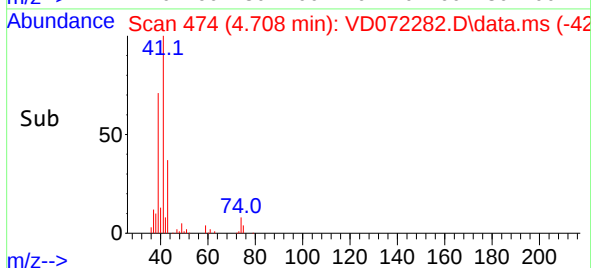
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#14
Allyl chloride
Concen: 49.668 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



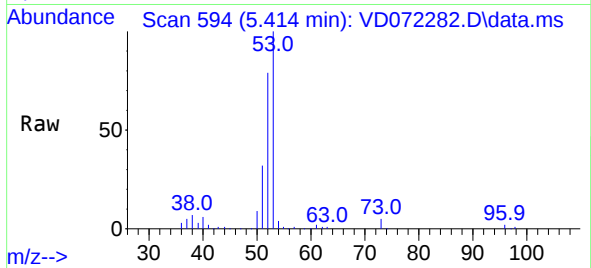
Tgt Ion: 41 Resp: 288970
Ion Ratio Lower Upper
41 100
39 70.4 59.3 88.9
76 37.4 25.7 38.5





#15
Acrylonitrile
Concen: 259.798 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

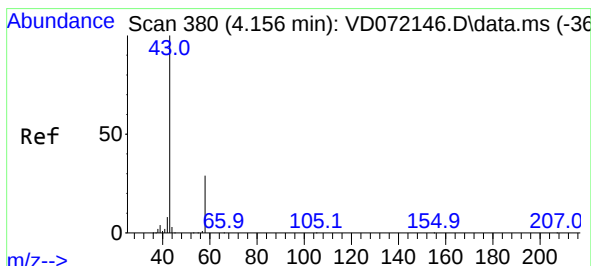
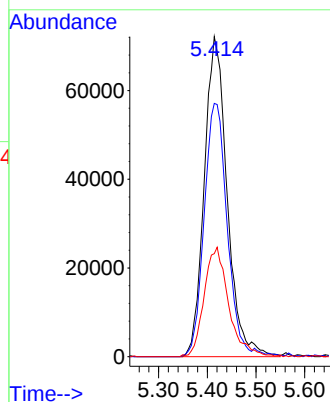
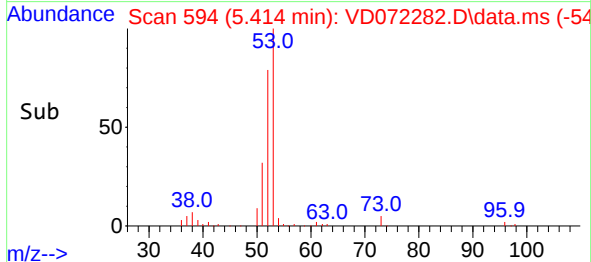
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



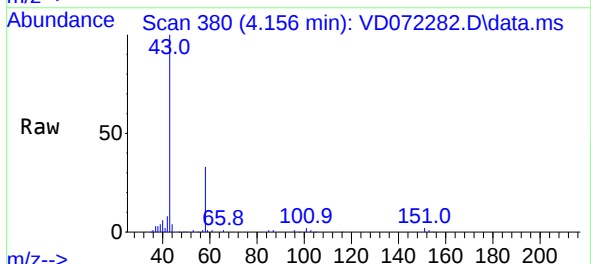
Tgt Ion: 53 Resp: 234858
Ion Ratio Lower Upper
53 100
52 79.1 67.2 100.8
51 36.7 30.3 45.5

Manual Integrations
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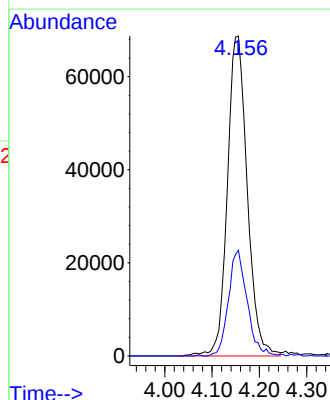
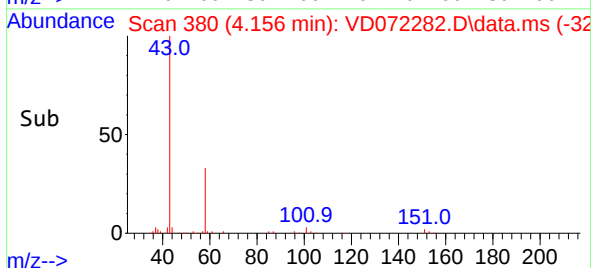
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

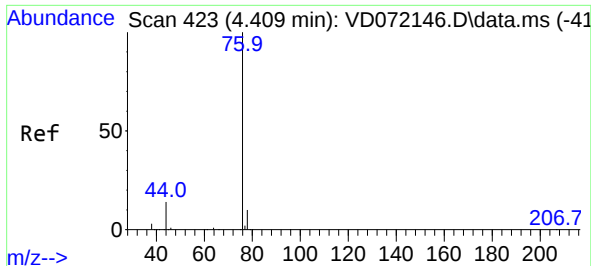


#16
Acetone
Concen: 228.961 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion: 43 Resp: 200589
Ion Ratio Lower Upper
43 100
58 33.1 22.1 33.1





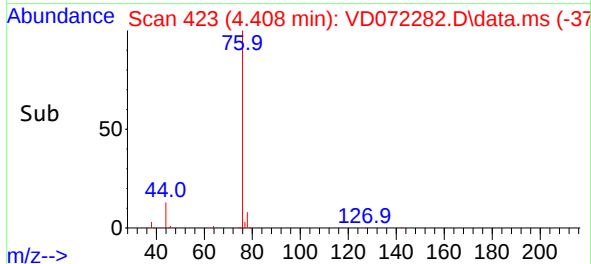
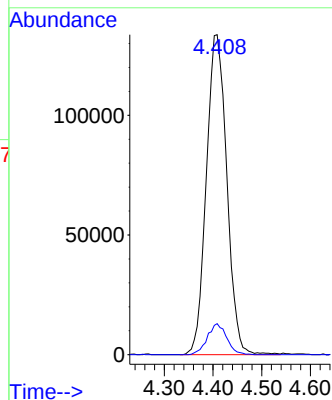
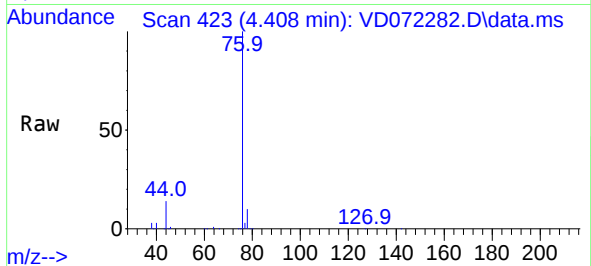
#17
Carbon Disulfide
Concen: 50.297 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 39042
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

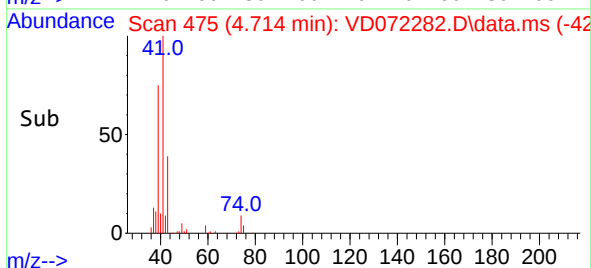
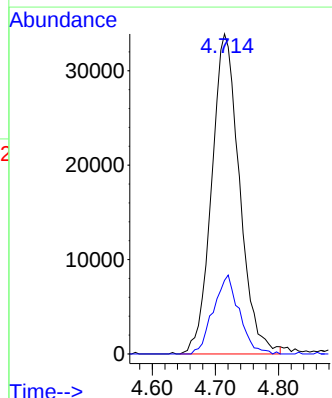
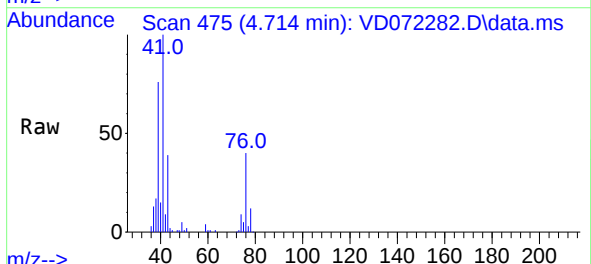
Manual Integrations
APPROVED

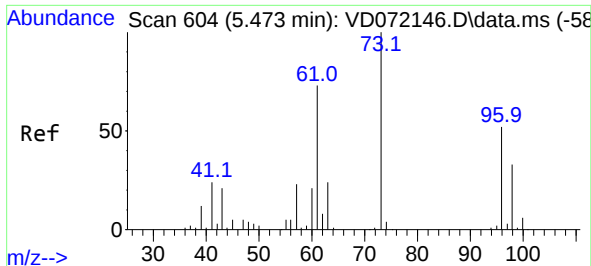
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#18
Methyl Acetate
Concen: 48.384 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

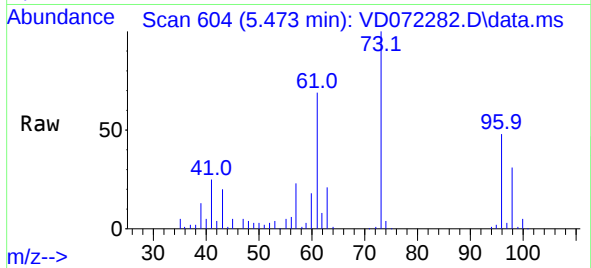
Tgt Ion: 43 Resp: 103878
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 50.181 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

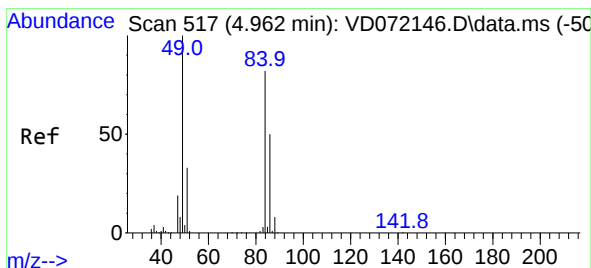
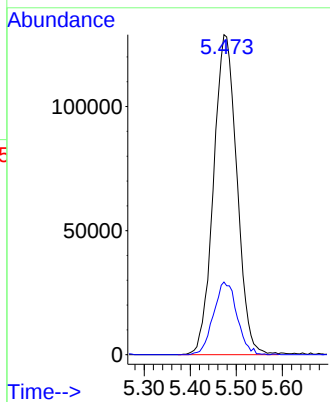
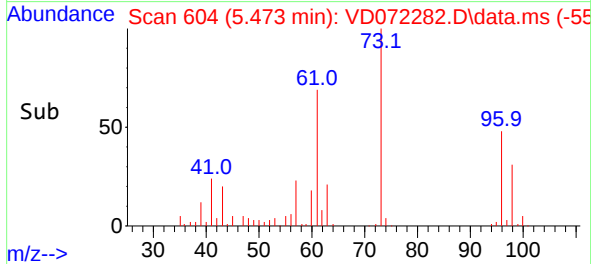
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 45386
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0

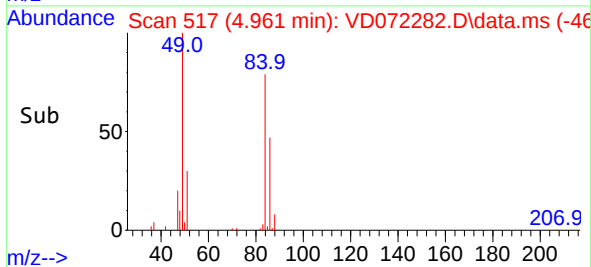
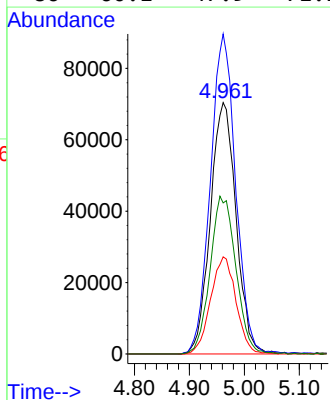
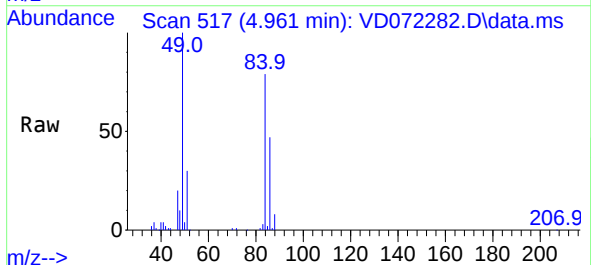
Manual Integrations
APPROVED

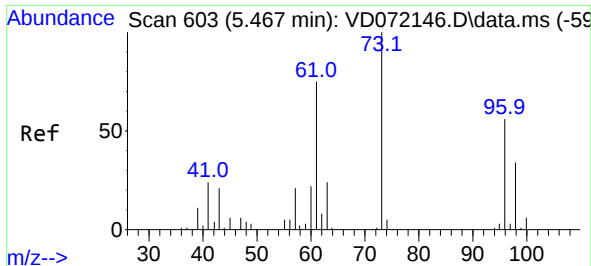
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 53.201 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 84 Resp: 228907
Ion Ratio Lower Upper
84 100
49 127.3 112.8 169.2
51 38.6 32.6 48.8
86 60.1 47.9 71.9





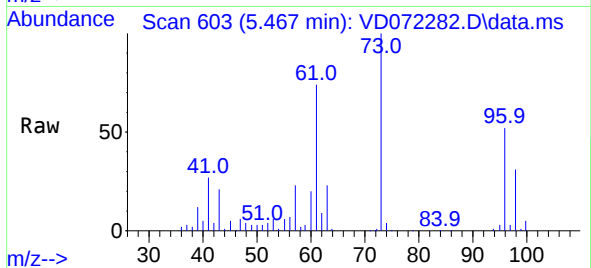
#21
trans-1,2-Dichloroethene
Concen: 52.230 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

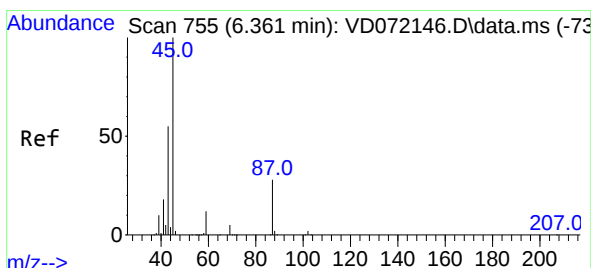
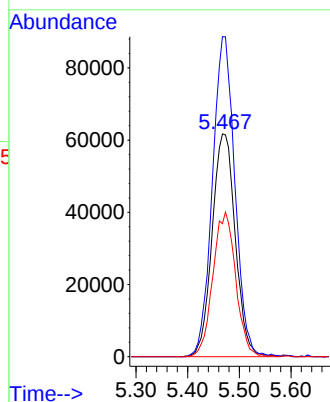
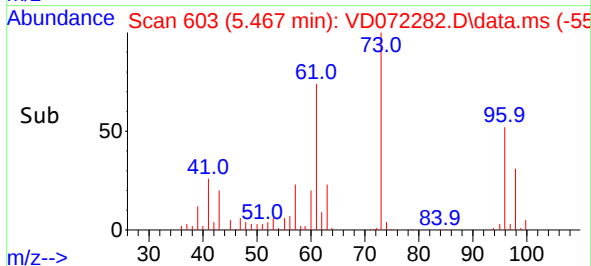


Tgt Ion: 96 Resp: 19223
Ion Ratio Lower Upper
96 100
61 143.7 117.9 176.9
98 59.7 49.4 74.2

Manual Integrations

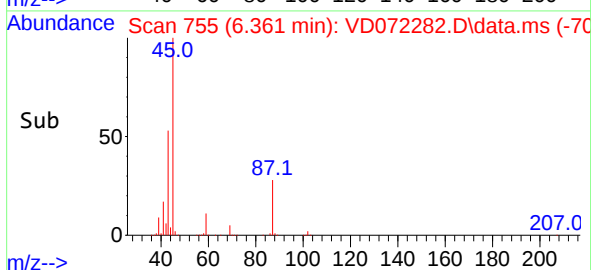
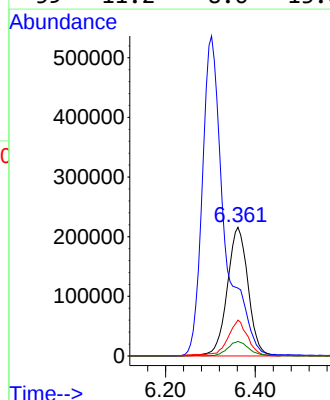
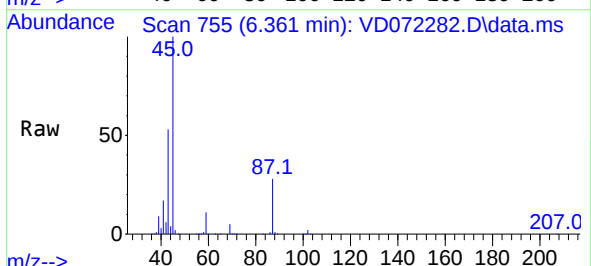
APPROVED

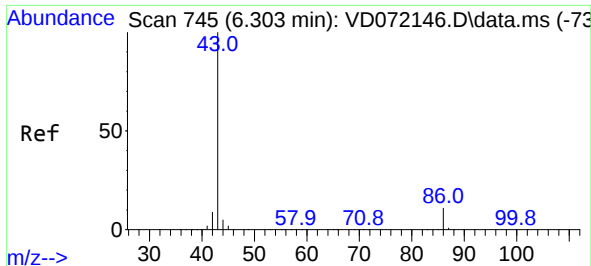
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 52.442 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

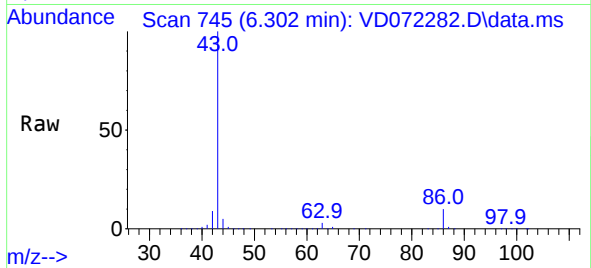
Tgt Ion: 45 Resp: 695926
Ion Ratio Lower Upper
45 100
43 52.6 46.6 70.0
87 27.8 18.4 27.6#
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 271.078 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31

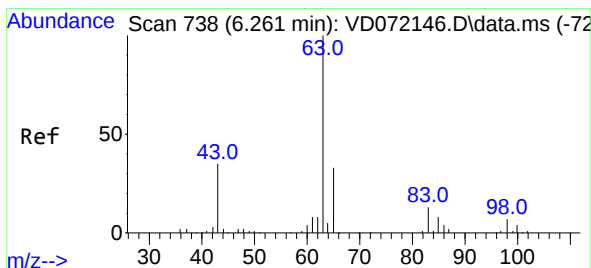
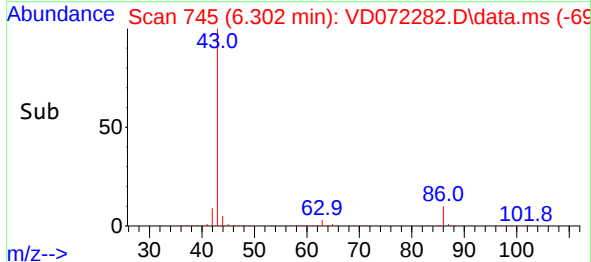
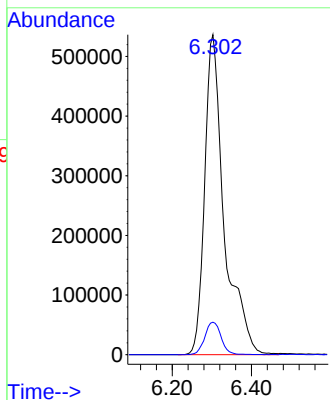
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 183590
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.1 10.7

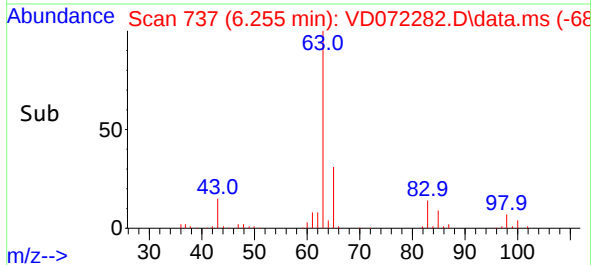
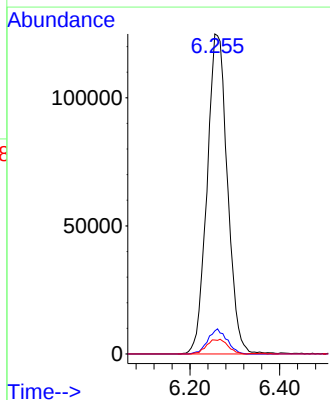
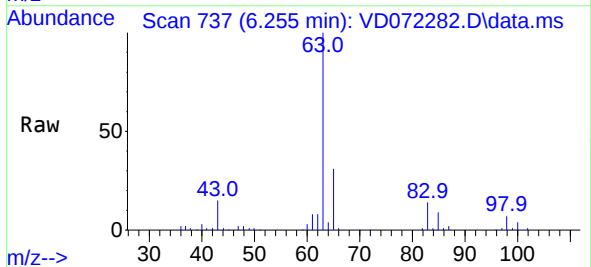
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#24
 1,1-Dichloroethane
 Concen: 50.345 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31

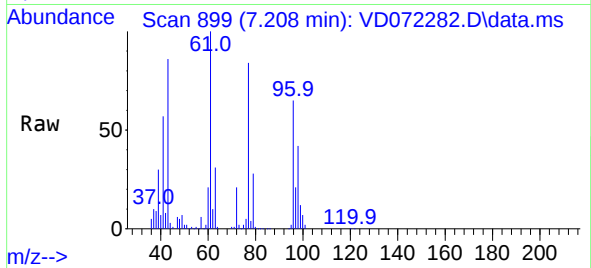
Tgt Ion: 63 Resp: 394019
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 252.198 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

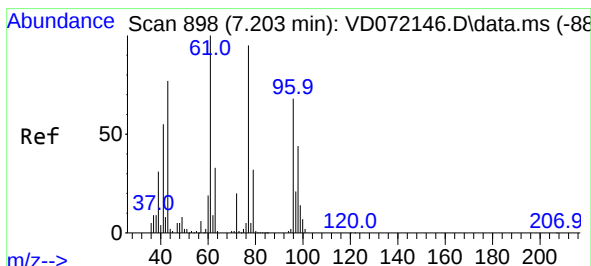
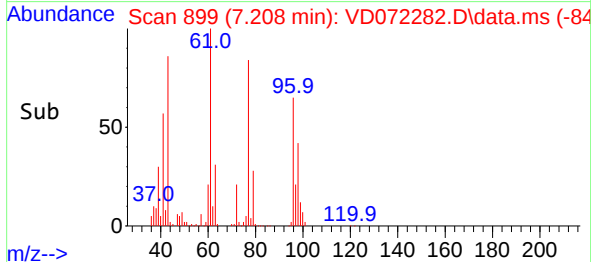
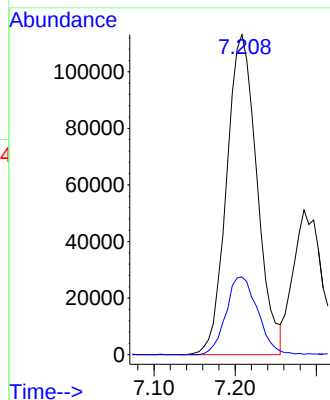
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 29459
Ion Ratio Lower Upper
43 100
72 24.3 18.6 27.8

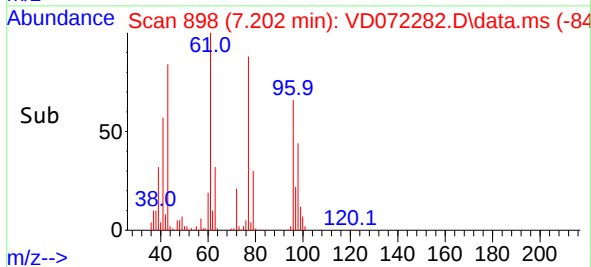
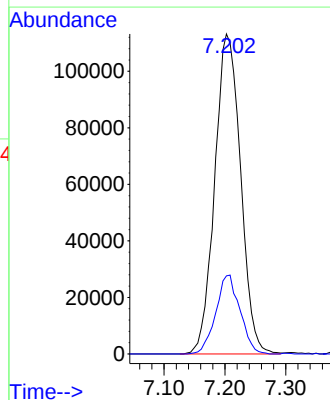
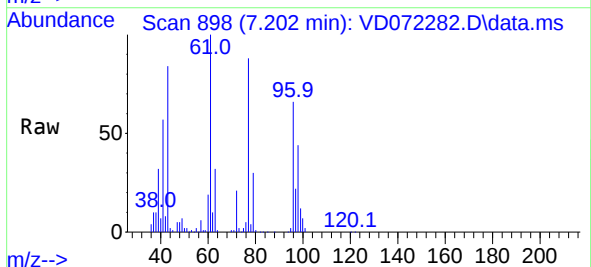
Manual Integrations
APPROVED

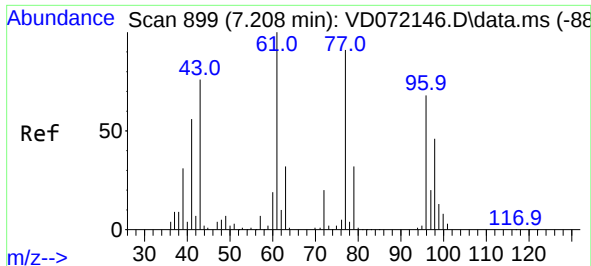
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#26
2,2-Dichloropropane
Concen: 47.260 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 77 Resp: 333728
Ion Ratio Lower Upper
77 100
97 23.0 10.8 32.4





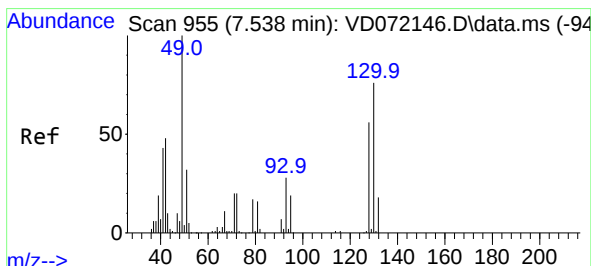
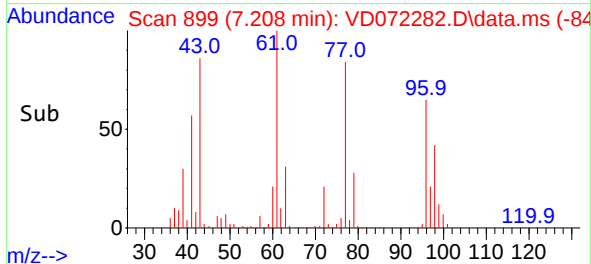
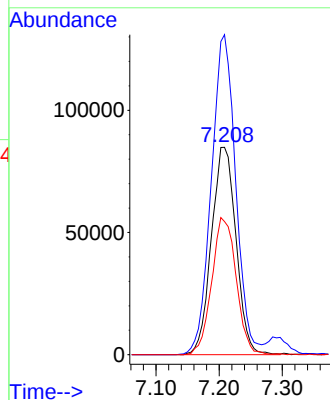
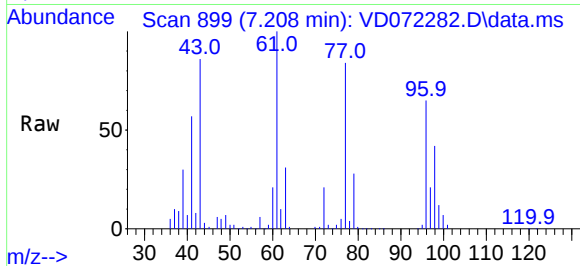
#27
cis-1,2-Dichloroethene
Concen: 48.974 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 230120
Ion Ratio Lower Upper
96 100
61 152.7 0.0 313.8
98 65.5 0.0 128.8

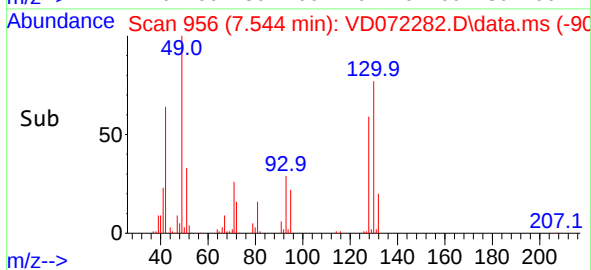
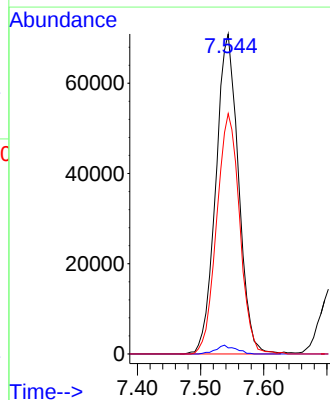
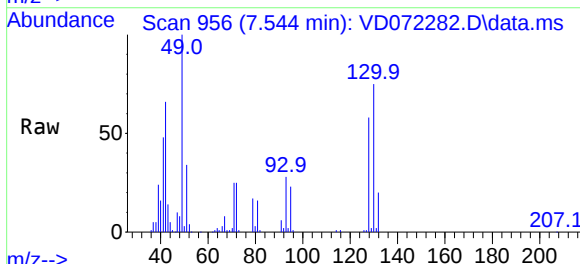
Manual Integrations
APPROVED

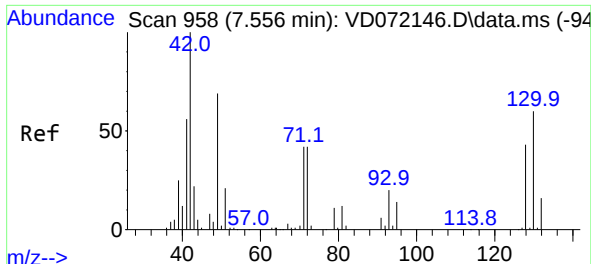
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Bromochloromethane
Concen: 56.139 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion: 49 Resp: 176877
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 76.2 52.6 79.0





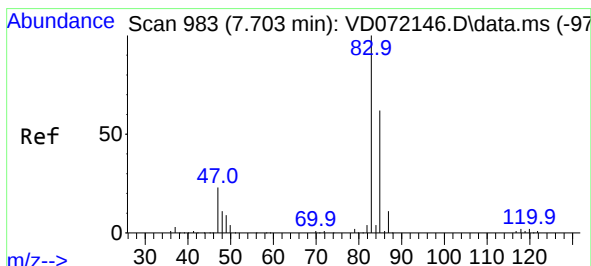
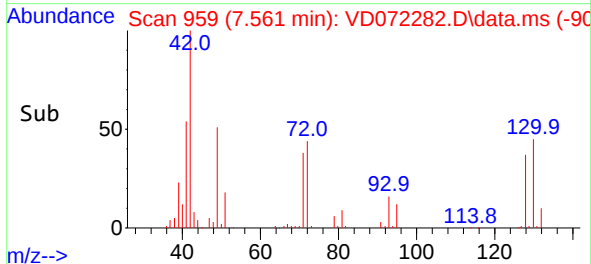
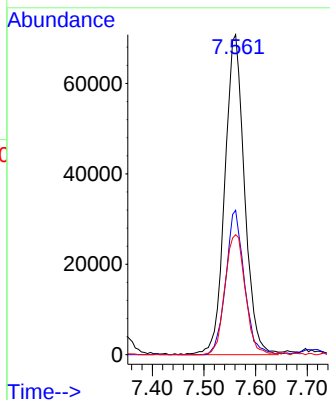
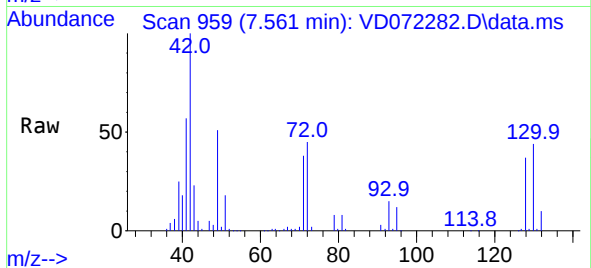
#29
Tetrahydrofuran
Concen: 273.148 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 18761
Ion Ratio Lower Upper
42 100
72 42.5 30.7 46.1
71 38.6 28.6 43.0

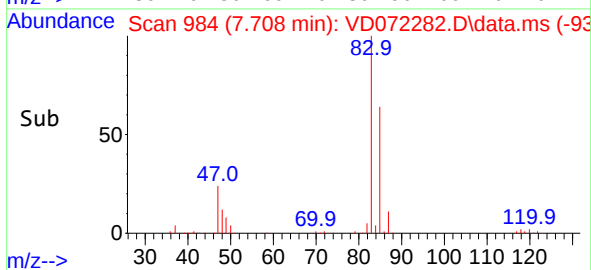
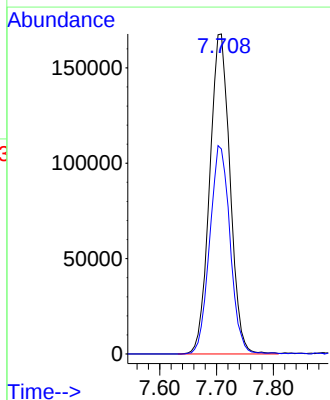
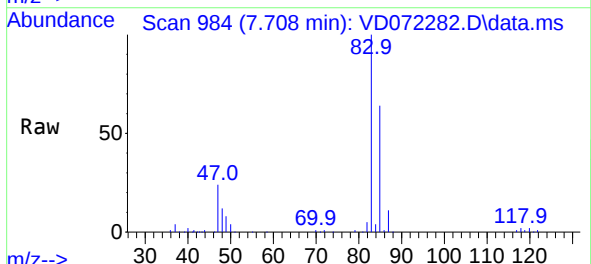
Manual Integrations
APPROVED

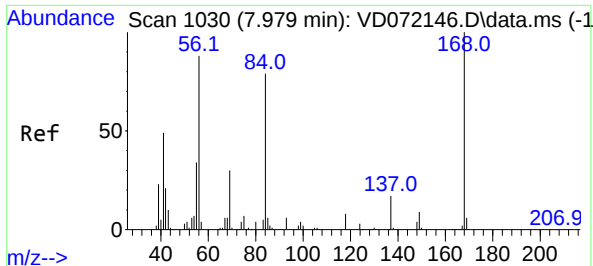
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#30
Chloroform
Concen: 50.044 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

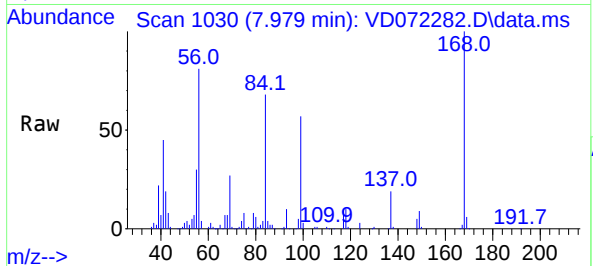
Tgt Ion: 83 Resp: 417251
Ion Ratio Lower Upper
83 100
85 64.0 52.7 79.1





#31
Cyclohexane
Concen: 50.285 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

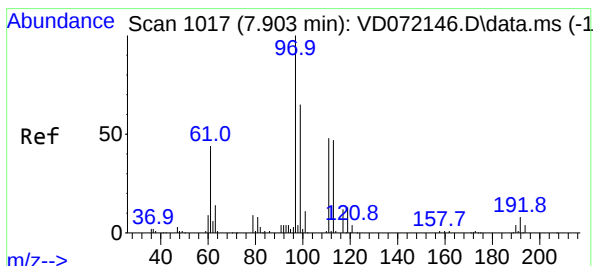
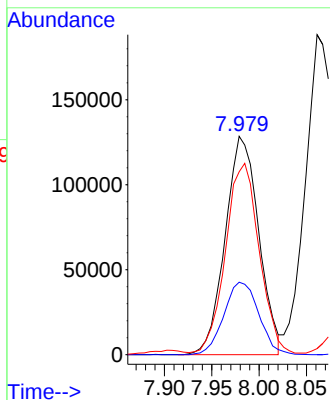
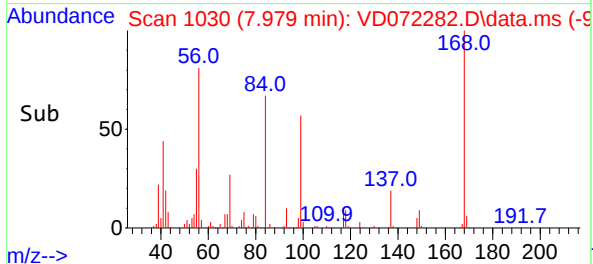
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



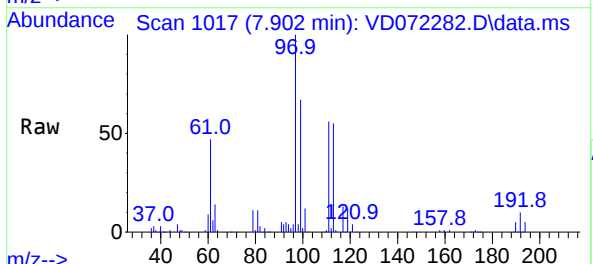
Tgt Ion: 56 Resp: 317004
Ion Ratio Lower Upper
56 100
69 33.2 25.4 38.2
84 82.1 63.0 94.4

Manual Integrations
APPROVED

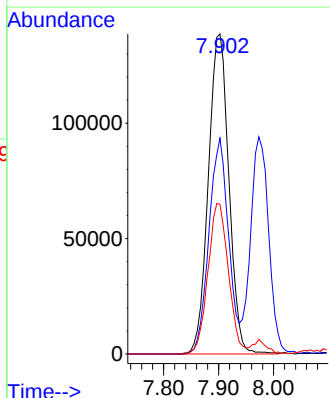
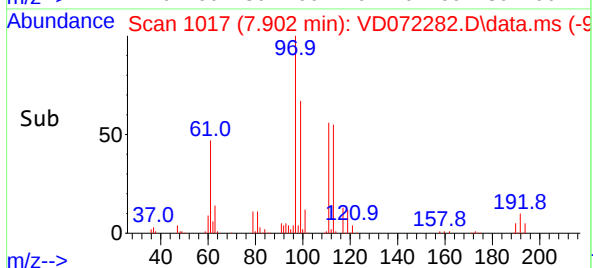
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#32
1,1,1-Trichloroethane
Concen: 48.637 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion: 97 Resp: 360163
Ion Ratio Lower Upper
97 100
99 64.4 52.4 78.6
61 46.8 38.0 57.0





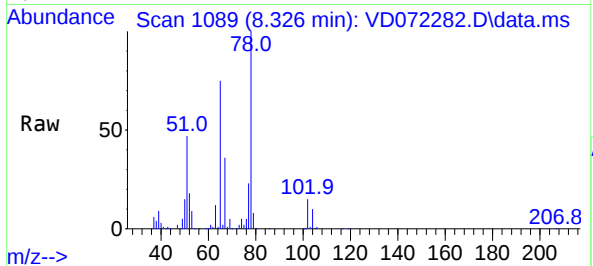
#33
1,2-Dichloroethane-d4
Concen: 53.533 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

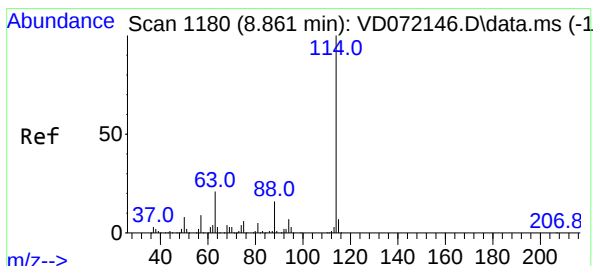
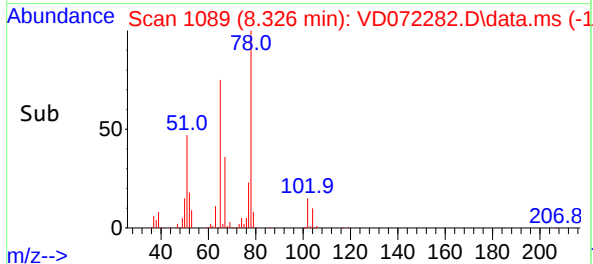
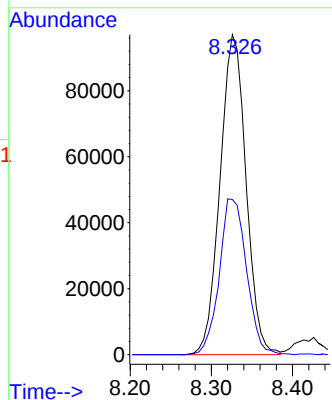


Tgt Ion: 65 Resp: 21600
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4

Manual Integrations

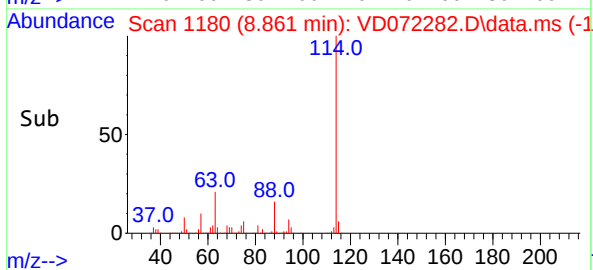
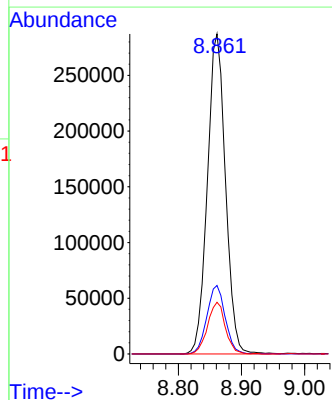
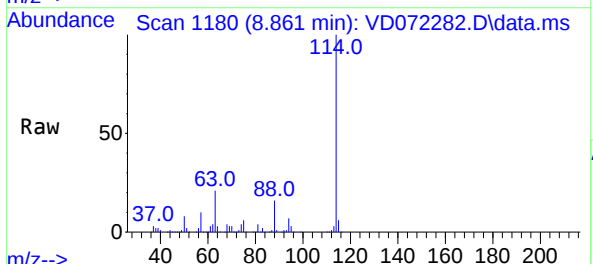
APPROVED

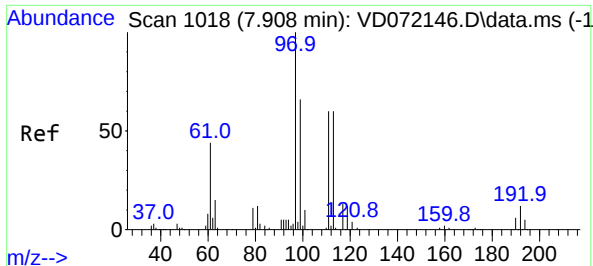
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

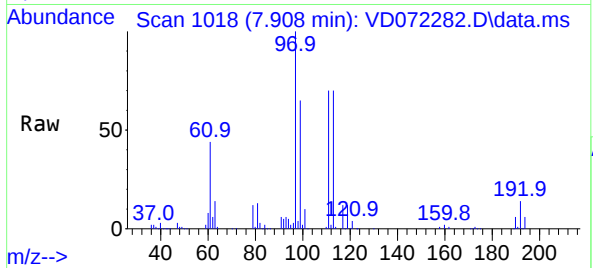
Tgt Ion:114 Resp: 571283
Ion Ratio Lower Upper
114 100
63 21.4 0.0 46.6
88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.494 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

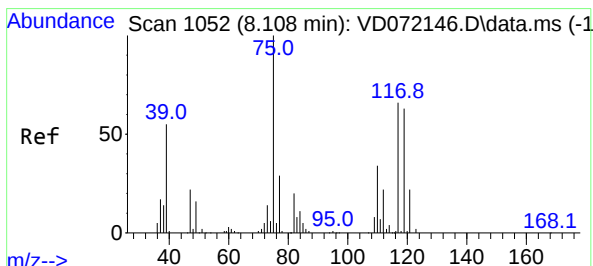
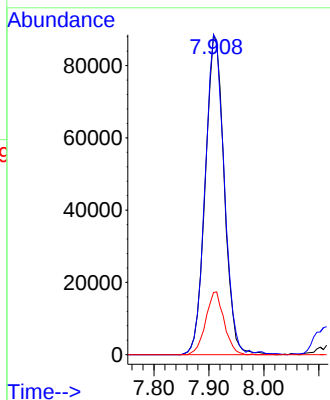
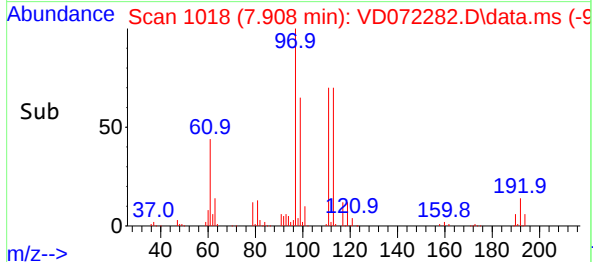
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



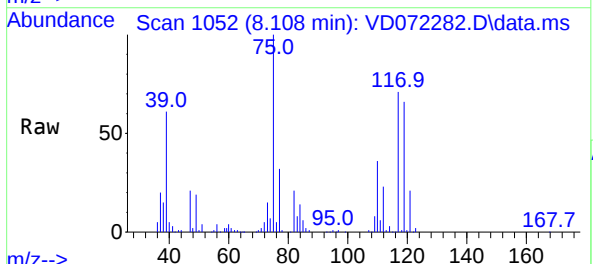
Tgt Ion:113 Resp: 211036
Ion Ratio Lower Upper
113 100
111 100.9 83.8 125.6
192 19.1 14.6 21.8

Manual Integrations
APPROVED

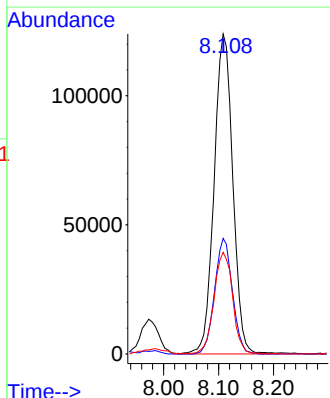
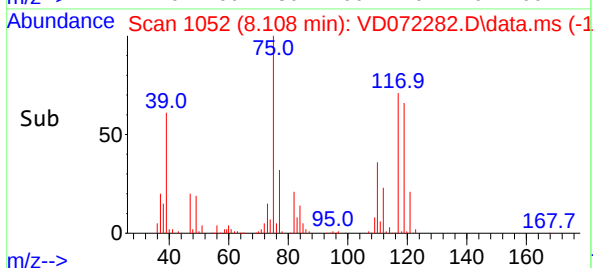
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#36
1,1-Dichloropropene
Concen: 51.931 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



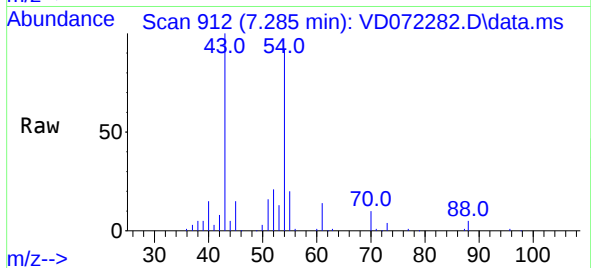
Tgt Ion: 75 Resp: 292877
Ion Ratio Lower Upper
75 100
110 34.4 16.4 49.1
77 31.7 24.2 36.2





#37
Ethyl Acetate
Concen: 52.156 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

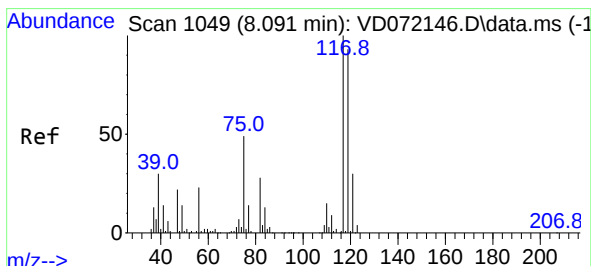
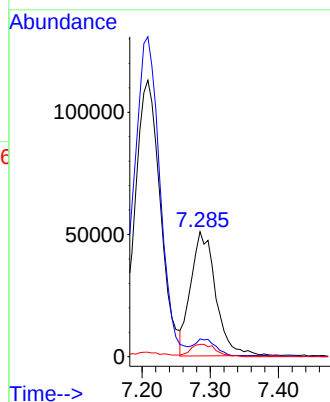
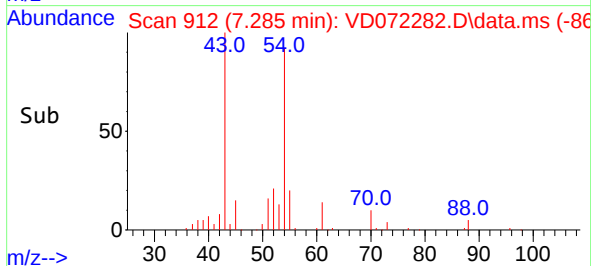
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 128850
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.8
70 10.3 6.9 10.3

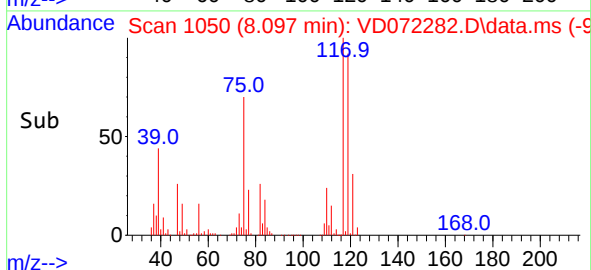
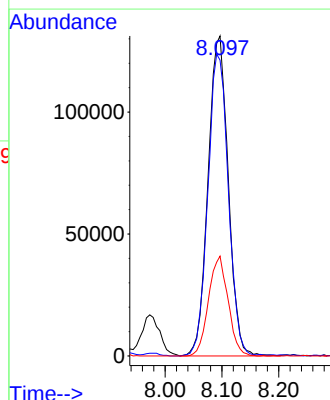
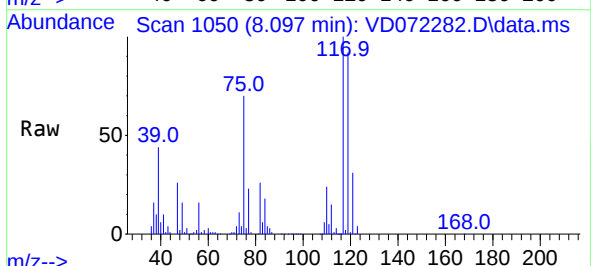
Manual Integrations
APPROVED

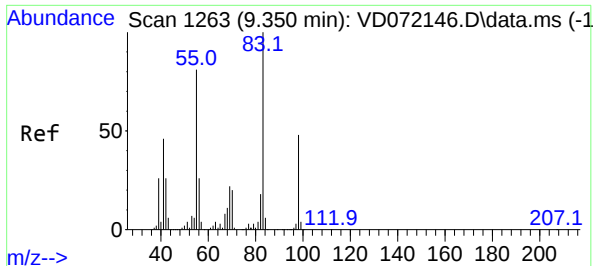
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Carbon Tetrachloride
Concen: 50.472 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

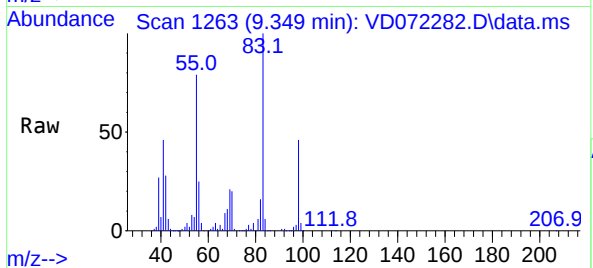
Tgt Ion:117 Resp: 323568
Ion Ratio Lower Upper
117 100
119 92.4 75.8 113.6
121 31.2 24.5 36.7





#39
Methylcyclohexane
Concen: 52.673 ug/l
RT: 9.349 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

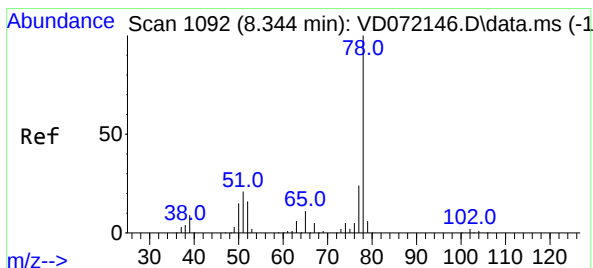
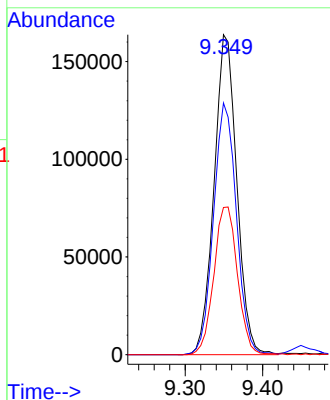
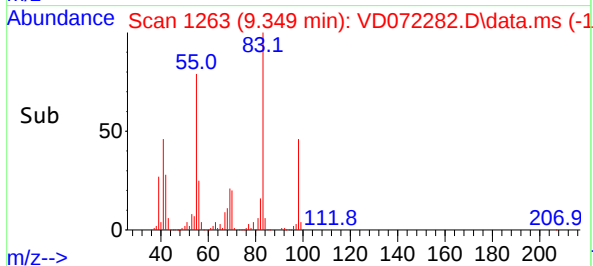
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 33428
Ion Ratio Lower Upper
83 100
55 78.7 63.2 94.8
98 46.0 38.2 57.4

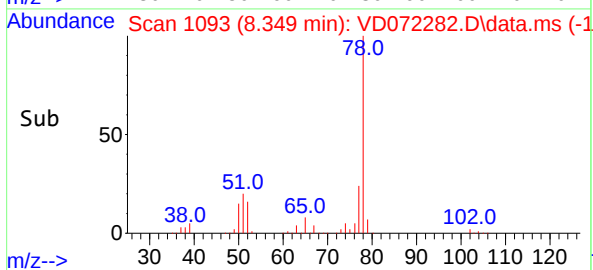
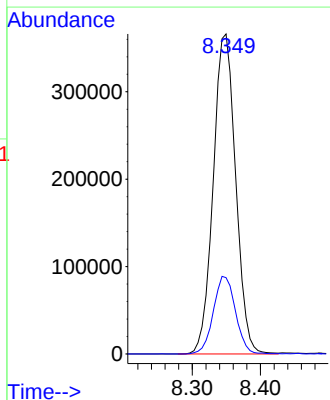
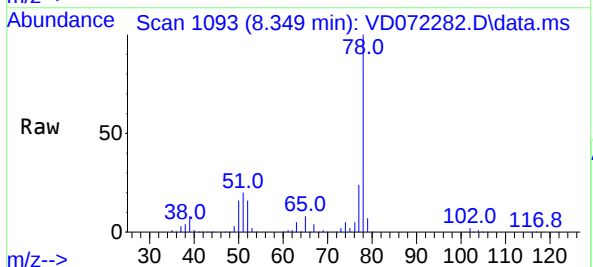
Manual Integrations
APPROVED

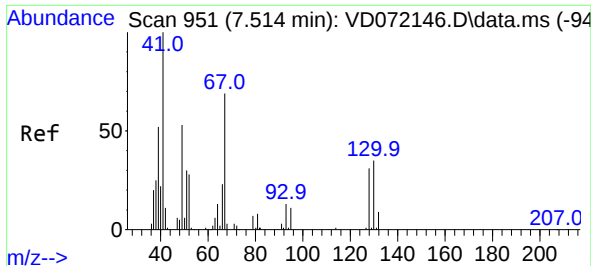
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
Benzene
Concen: 52.127 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

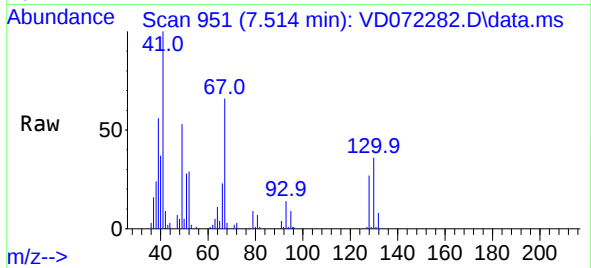
Tgt Ion: 78 Resp: 838706
Ion Ratio Lower Upper
78 100
77 23.8 19.1 28.7





#41
Methacrylonitrile
Concen: 53.827 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

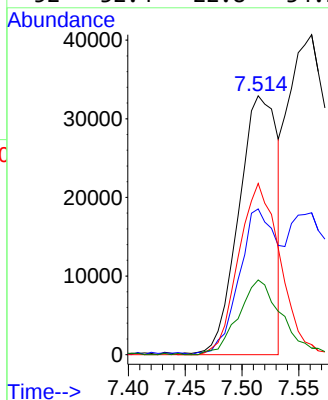
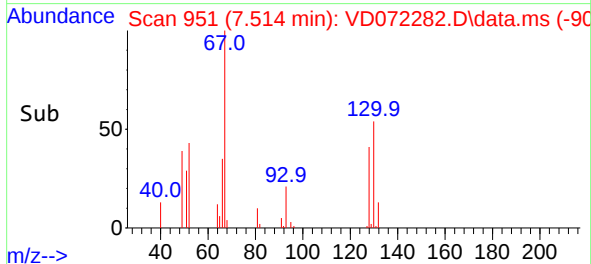
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



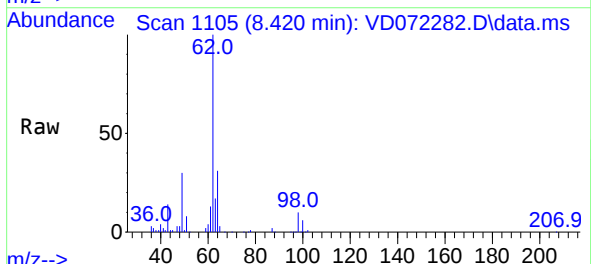
Tgt Ion: 41 Resp: 7750
Ion Ratio Lower Upper
41 100
39 59.6 44.6 67.0
67 72.2 48.2 72.4
52 32.4 22.8 34.2

Manual Integrations
APPROVED

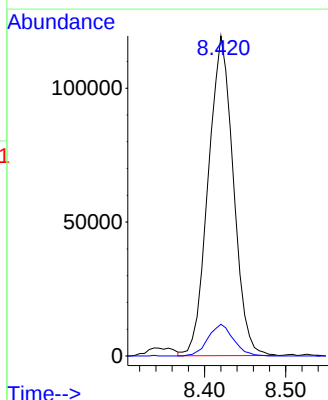
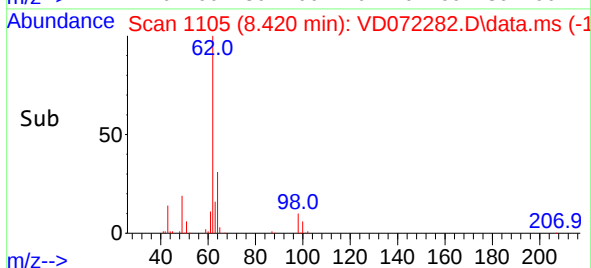
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

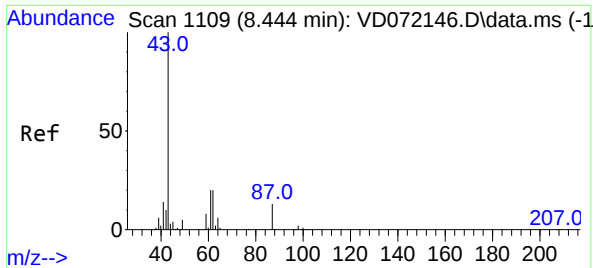


#42
1,2-Dichloroethane
Concen: 52.567 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



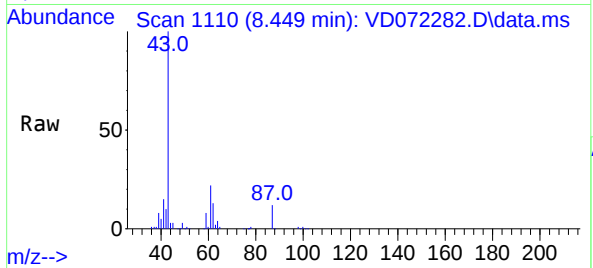
Tgt Ion: 62 Resp: 256571
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 52.449 ug/l
RT: 8.449 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

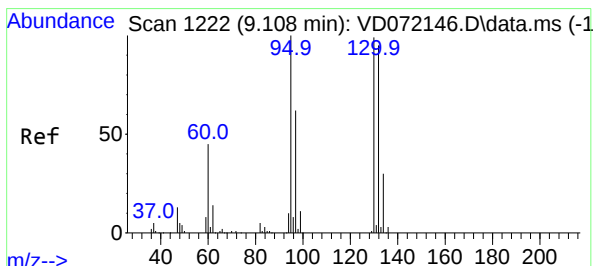
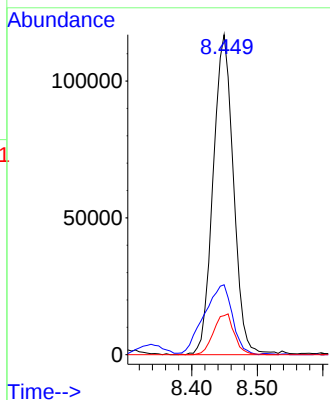
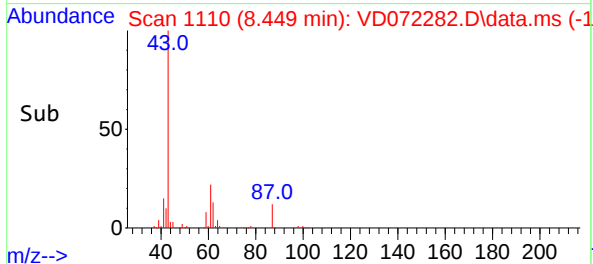
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 251490
Ion Ratio Lower Upper
43 100
61 30.5 22.4 33.6
87 12.9 8.7 13.1

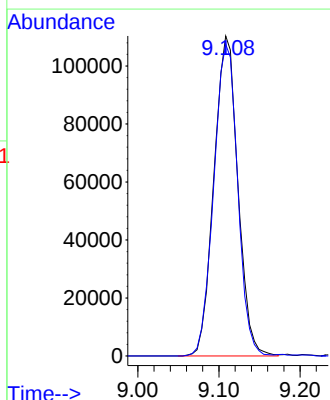
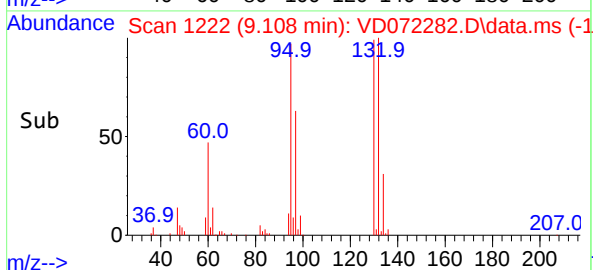
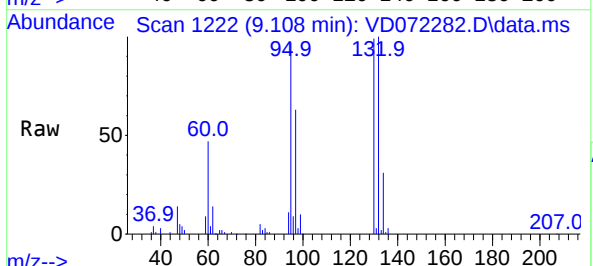
Manual Integrations
APPROVED

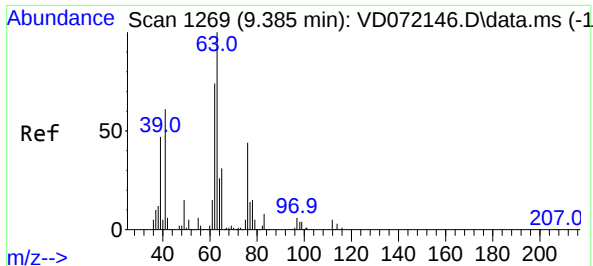
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#44
Trichloroethene
Concen: 50.105 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

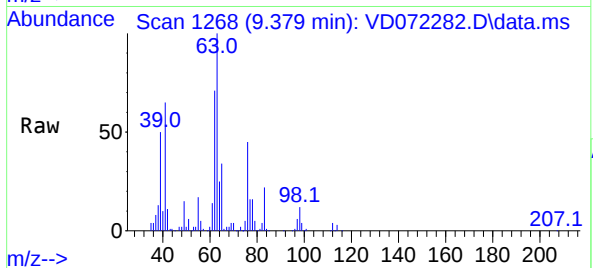
Tgt Ion:130 Resp: 226317
Ion Ratio Lower Upper
130 100
95 97.4 0.0 205.4





#45
1,2-Dichloropropane
Concen: 51.256 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

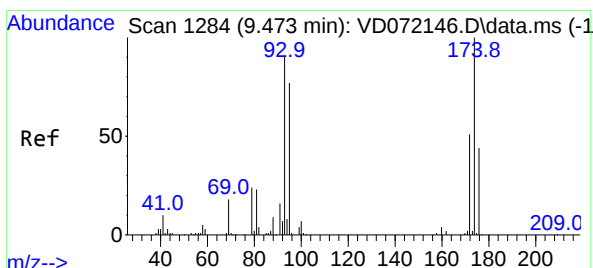
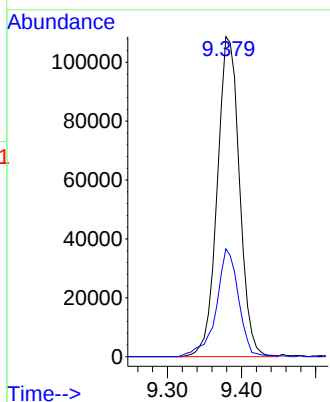
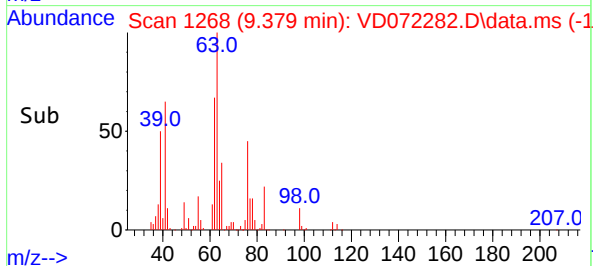
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



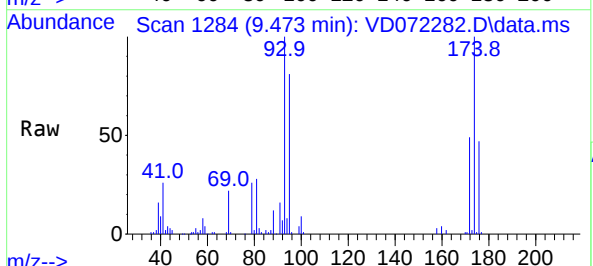
Tgt Ion: 63 Resp: 22617
Ion Ratio Lower Upper
63 100
65 33.7 26.2 39.4

Manual Integrations
APPROVED

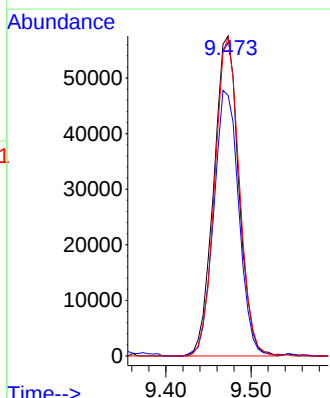
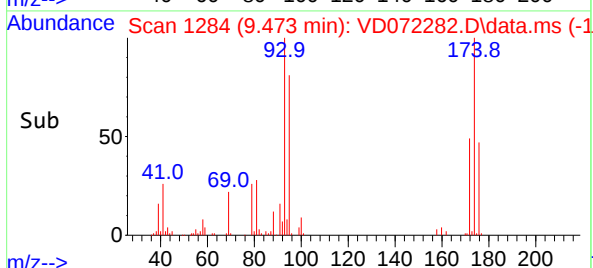
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

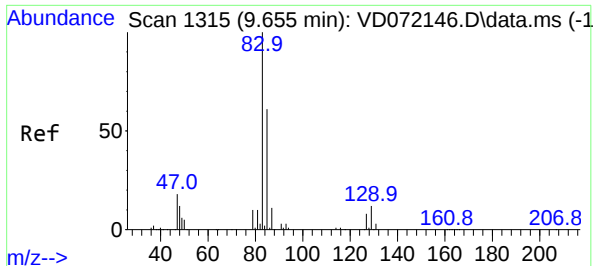


#46
Dibromomethane
Concen: 54.116 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



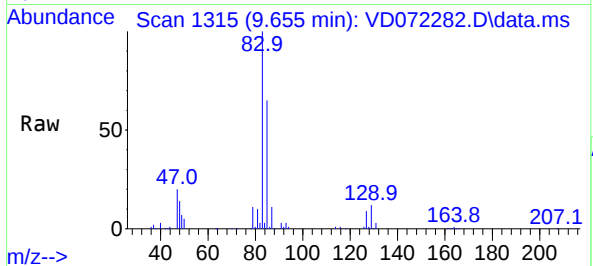
Tgt Ion: 93 Resp: 117464
Ion Ratio Lower Upper
93 100
95 83.5 66.7 100.1
174 97.4 71.6 107.4





#47
Bromodichloromethane
Concen: 50.474 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

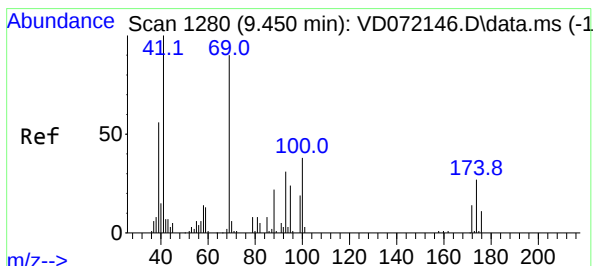
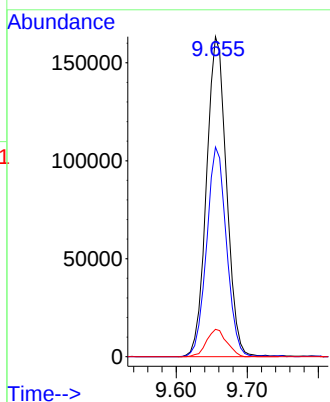
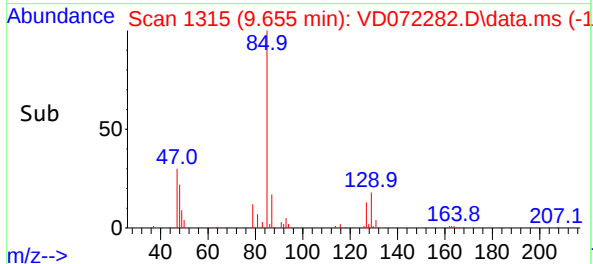
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



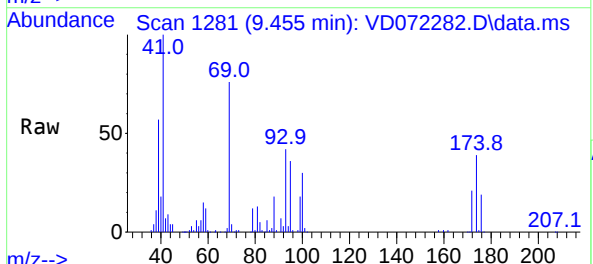
Tgt Ion: 83 Resp: 31938
Ion Ratio Lower Upper
83 100
85 65.5 51.4 77.0
127 8.5 6.1 9.1

Manual Integrations
APPROVED

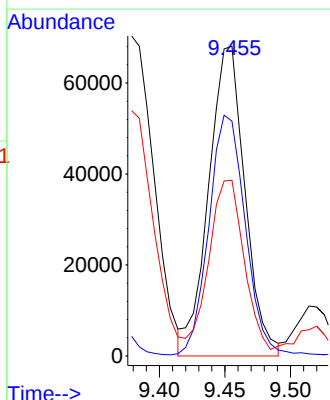
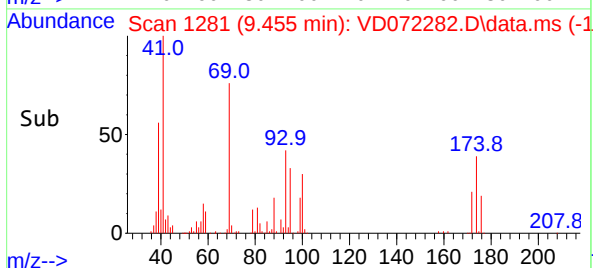
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

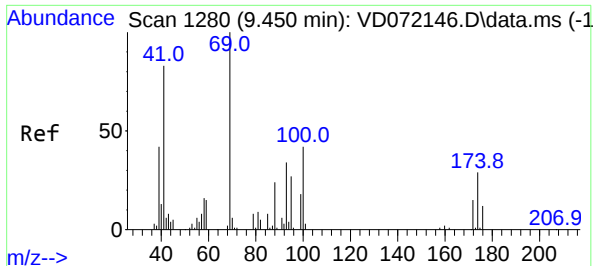


#48
Methyl methacrylate
Concen: 57.371 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion: 41 Resp: 131356
Ion Ratio Lower Upper
41 100
69 77.6 56.7 85.1
39 56.3 42.7 64.1





#49

1,4-Dioxane

Concen: 1086.479 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. 0.012 min

Lab File: VD072282.D

Acq: 18 Mar 2022 11:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

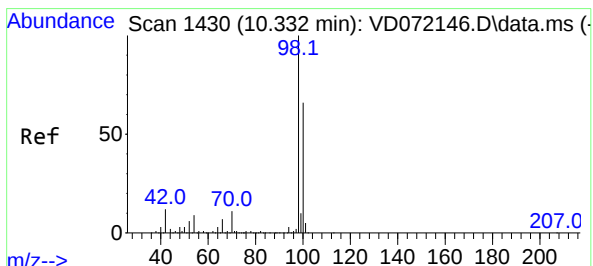
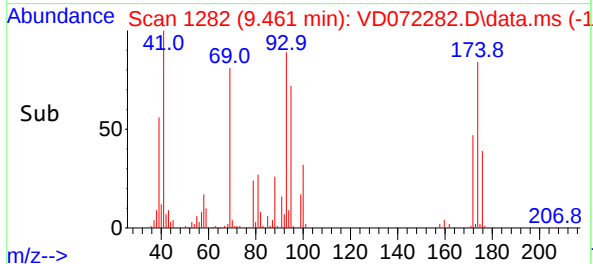
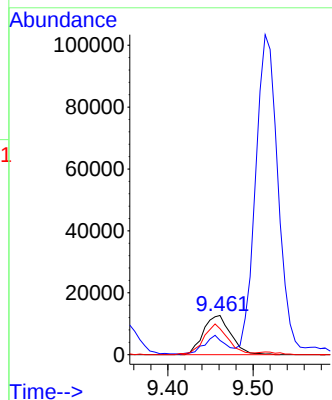
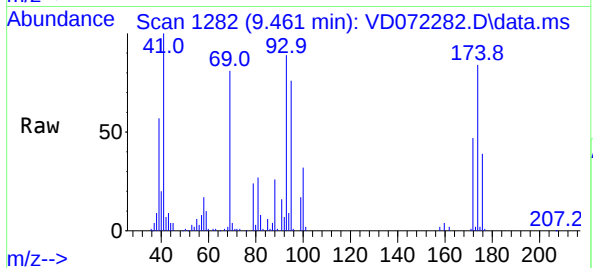
Tgt Ion:	88	Resp:	28280
Ion	Ratio	Lower	Upper
88	100		
43	38.2	31.0	46.4
58	68.7	58.1	87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/21/2022

Supervised By :Mahesh Dadoda 03/21/2022



#50

Toluene-d8

Concen: 52.532 ug/l

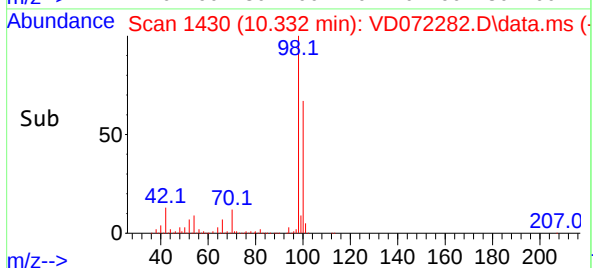
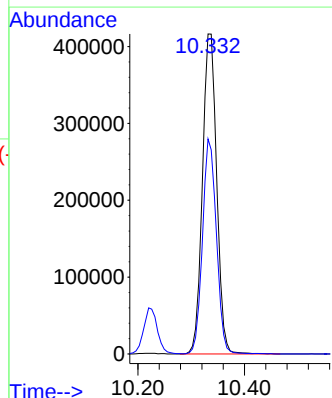
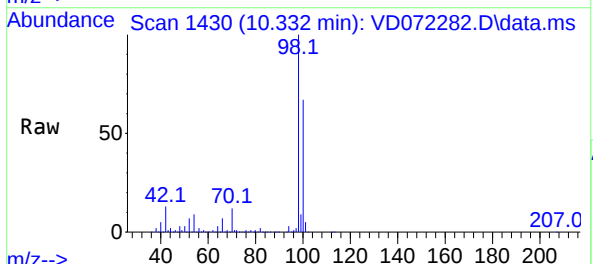
RT: 10.332 min Scan# 1430

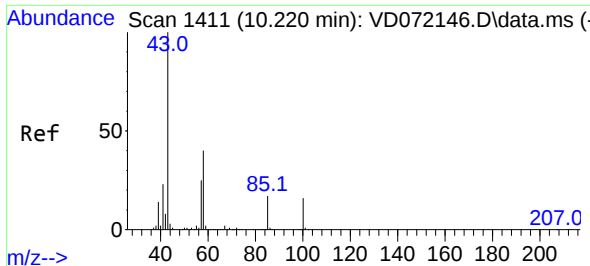
Delta R.T. -0.000 min

Lab File: VD072282.D

Acq: 18 Mar 2022 11:31

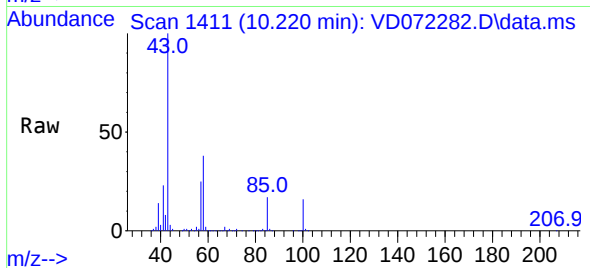
Tgt Ion:	98	Resp:	772208
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6





#51
4-Methyl-2-Pentanone
Concen: 272.994 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

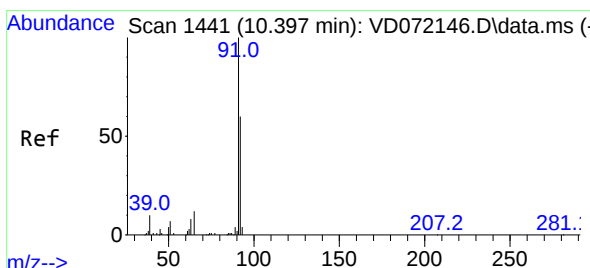
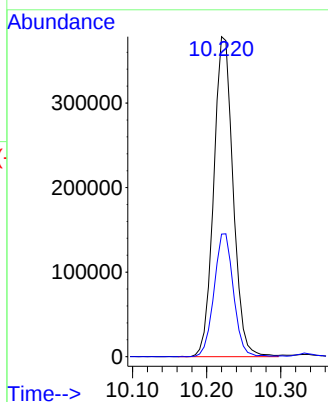
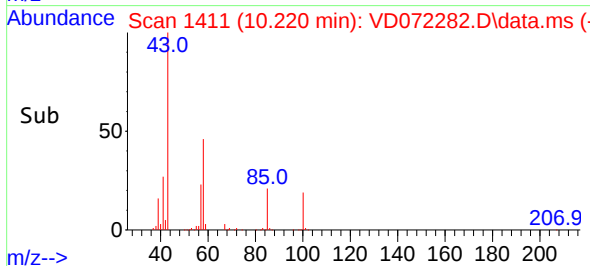
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 687524
Ion Ratio Lower Upper
43 100
58 38.6 28.6 43.0

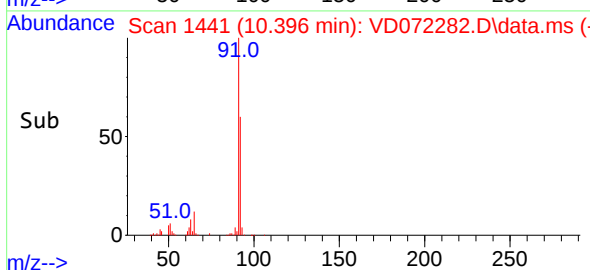
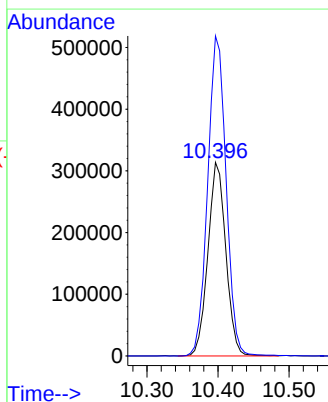
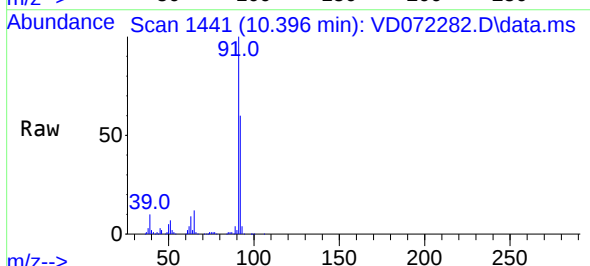
Manual Integrations
APPROVED

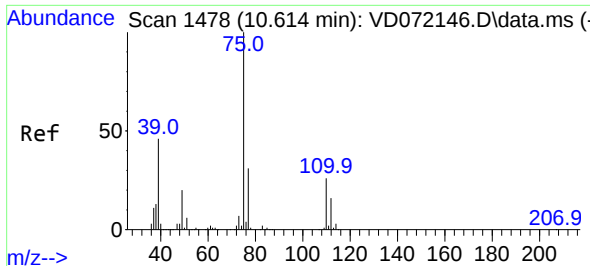
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 51.971 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

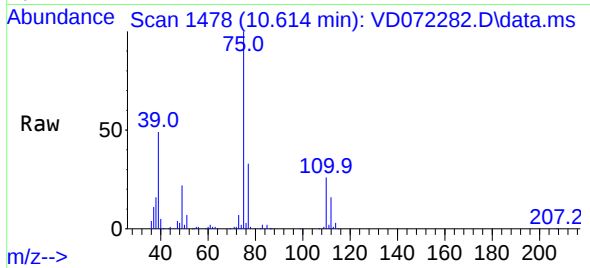
Tgt Ion: 92 Resp: 550234
Ion Ratio Lower Upper
92 100
91 169.8 139.6 209.4





#53
 t-1,3-Dichloropropene
 Concen: 50.264 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. -0.000 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31

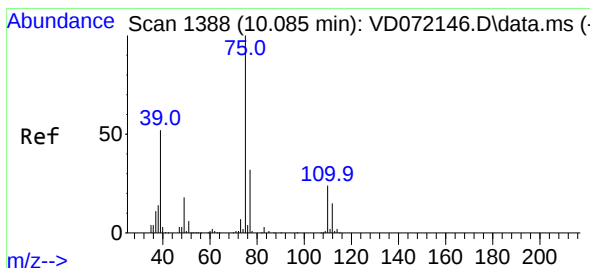
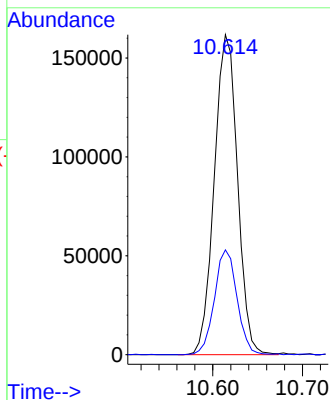
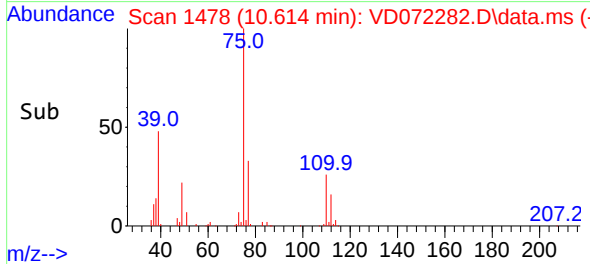
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



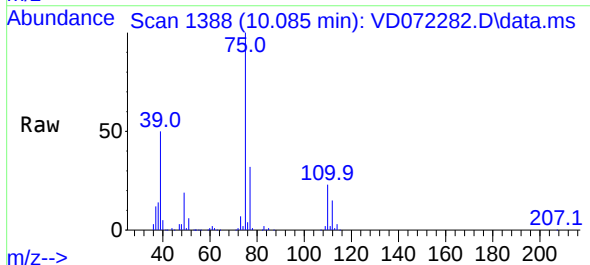
Tgt Ion: 75 Resp: 290592
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.5 36.7

Manual Integrations
 APPROVED

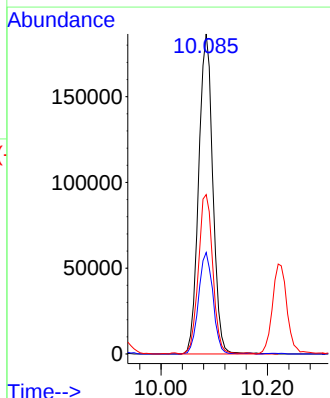
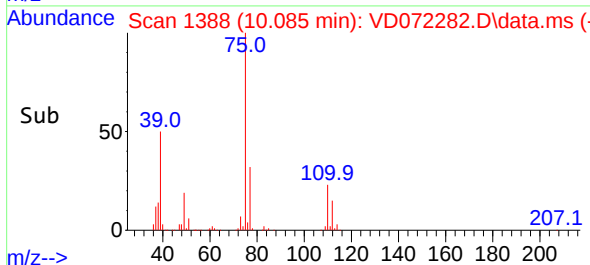
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022

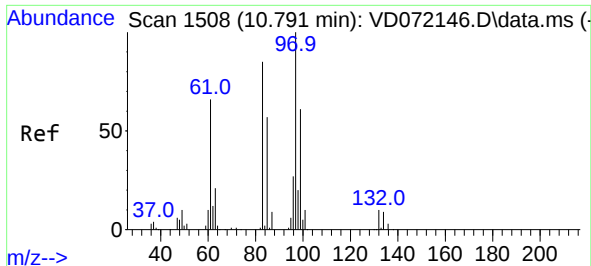


#54
 cis-1,3-Dichloropropene
 Concen: 51.341 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31



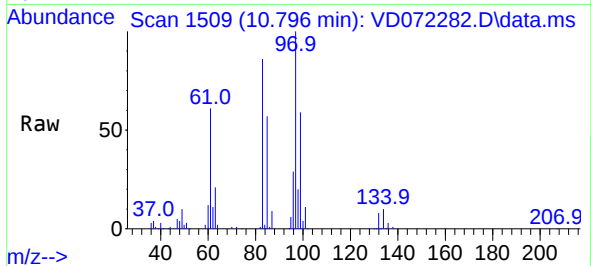
Tgt Ion: 75 Resp: 343125
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.8 37.2
 39 49.6 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 51.071 ug/l
RT: 10.796 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

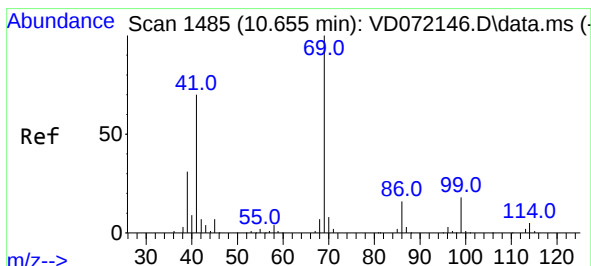
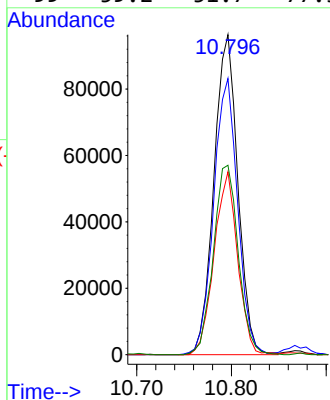
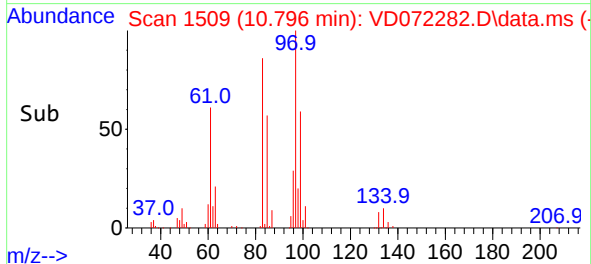
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



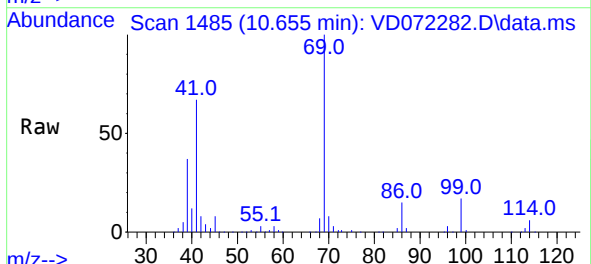
Tgt Ion: 97 Resp: 168868
Ion Ratio Lower Upper
97 100
83 86.3 69.0 103.4
85 57.2 42.6 63.8
99 59.2 51.7 77.5

Manual Integrations
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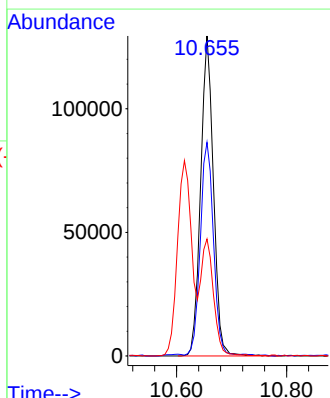
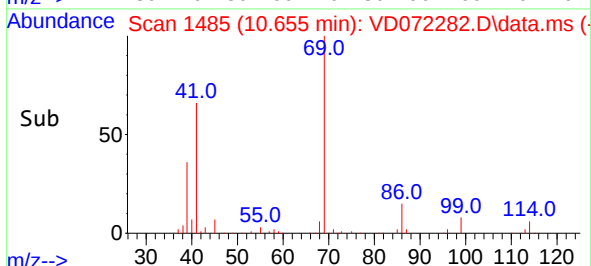
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

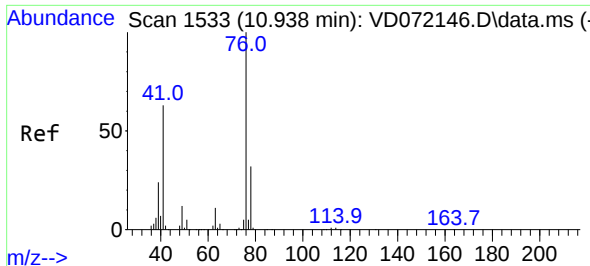


#56
Ethyl methacrylate
Concen: 53.873 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



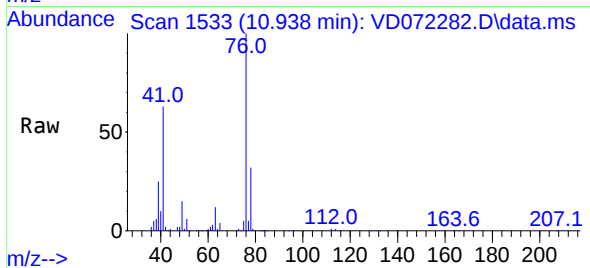
Tgt Ion: 69 Resp: 208648
Ion Ratio Lower Upper
69 100
41 68.4 63.0 94.6
39 35.5 33.8 50.8





#57
1,3-Dichloropropane
Concen: 51.878 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

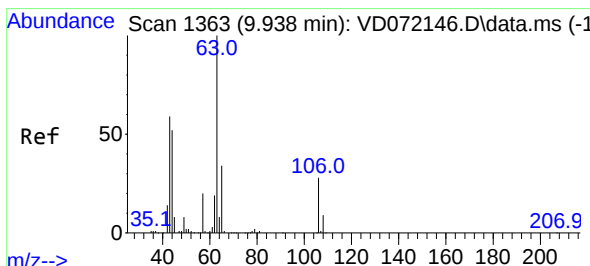
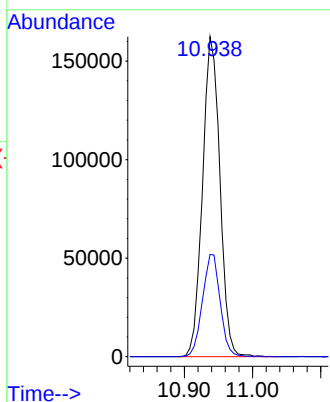
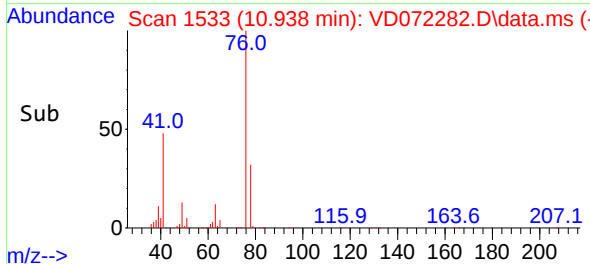
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



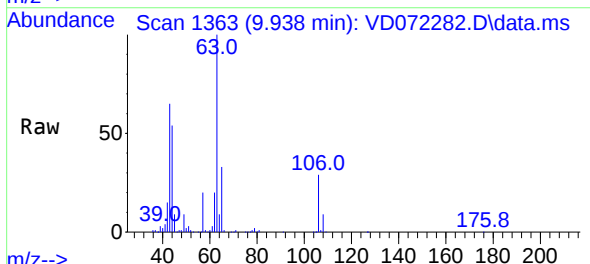
Tgt Ion: 76 Resp: 28789
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

Manual Integrations
APPROVED

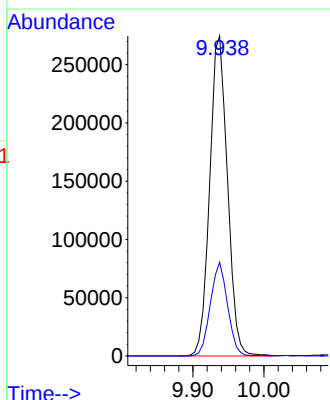
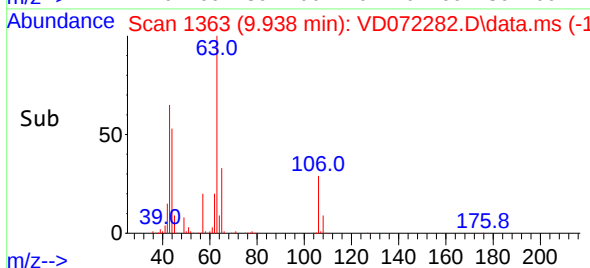
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

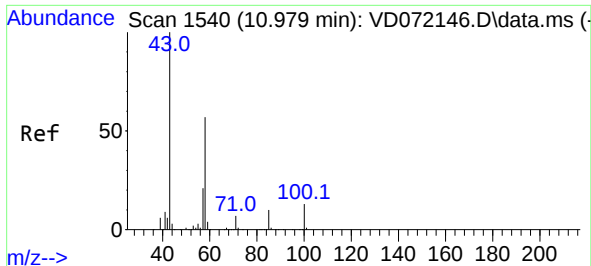


#58
2-Chloroethyl Vinyl ether
Concen: 274.349 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



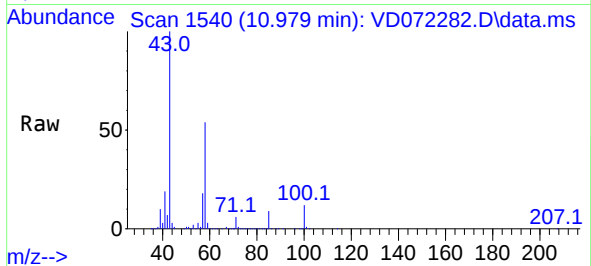
Tgt Ion: 63 Resp: 477748
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 273.802 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

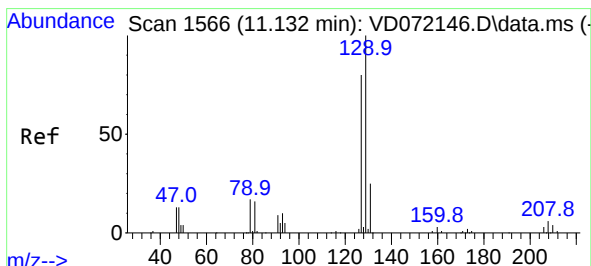
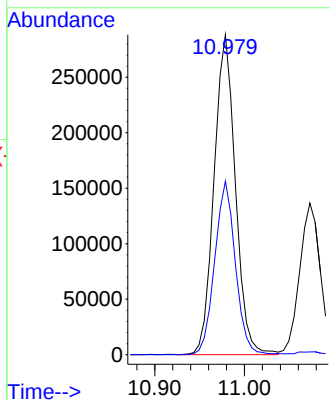
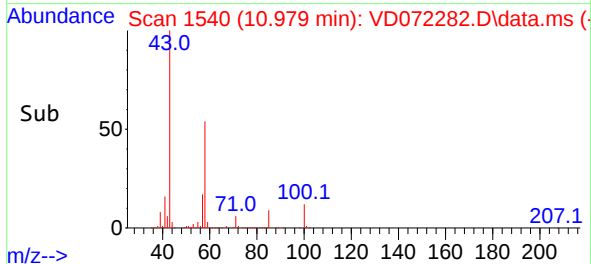
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



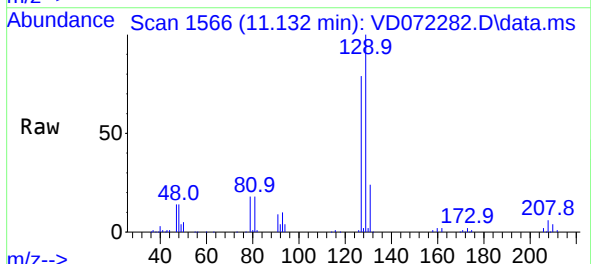
Tgt Ion: 43 Resp: 476258
Ion Ratio Lower Upper
43 100
58 52.4 25.3 75.9

Manual Integrations
APPROVED

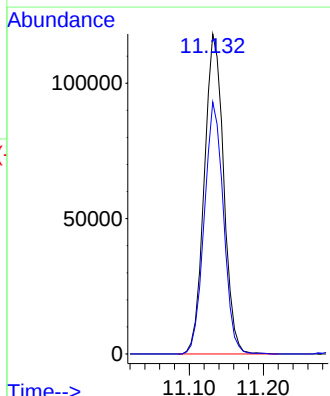
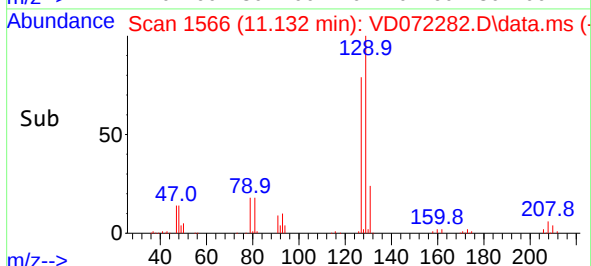
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

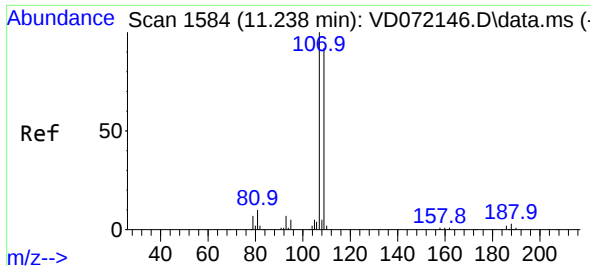


#60
Dibromochloromethane
Concen: 49.864 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



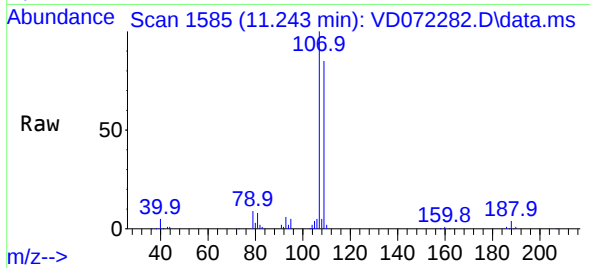
Tgt Ion:129 Resp: 213948
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6





#61
1,2-Dibromoethane
Concen: 51.471 ug/l
RT: 11.243 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

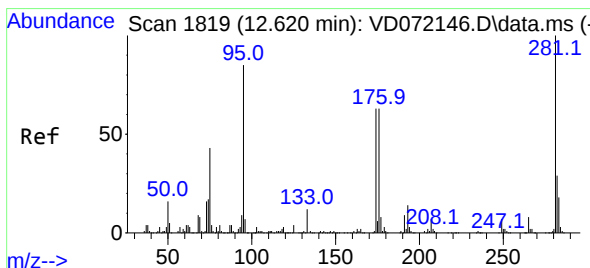
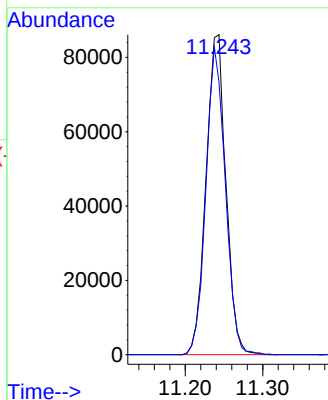
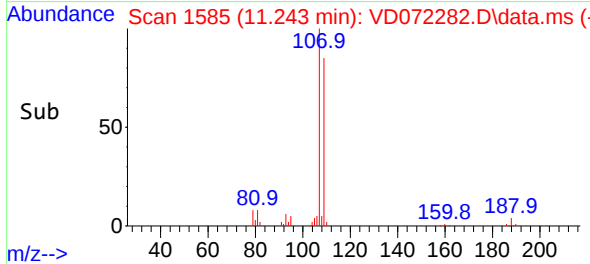
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



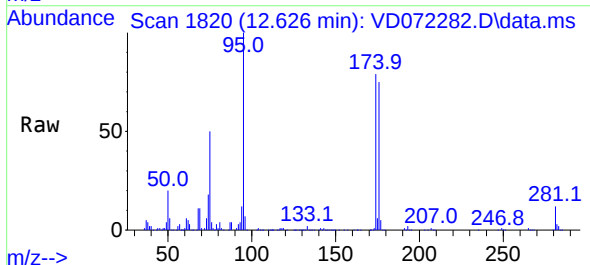
Tgt Ion:107 Resp: 153789
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4

Manual Integrations
APPROVED

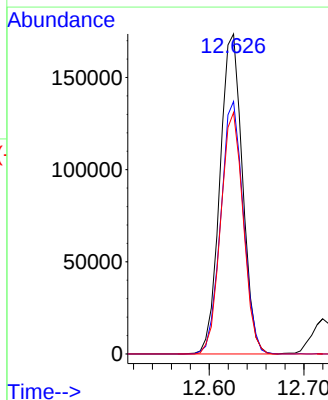
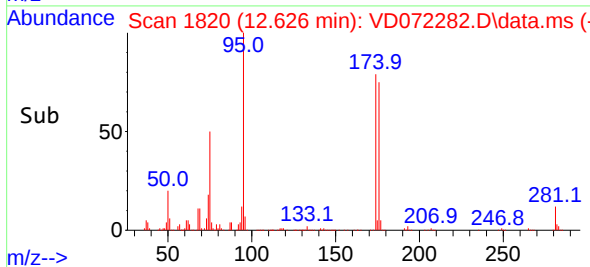
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



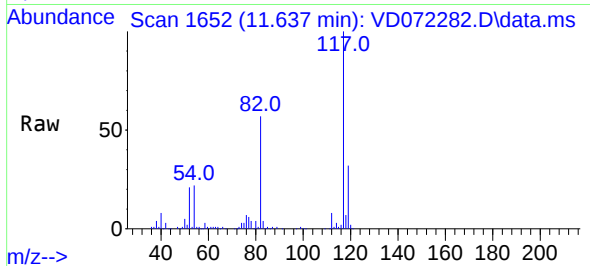
Tgt Ion: 95 Resp: 287256
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 75.1 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

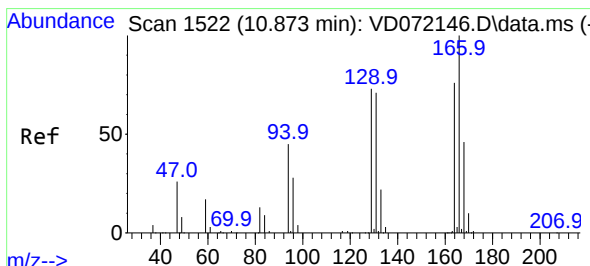
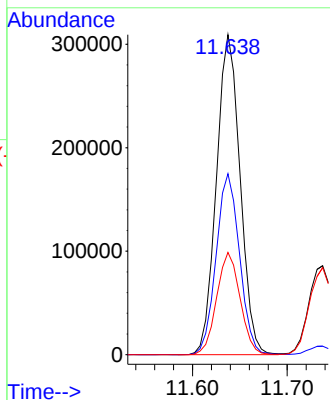
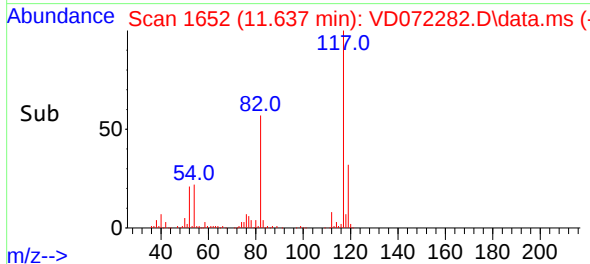
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



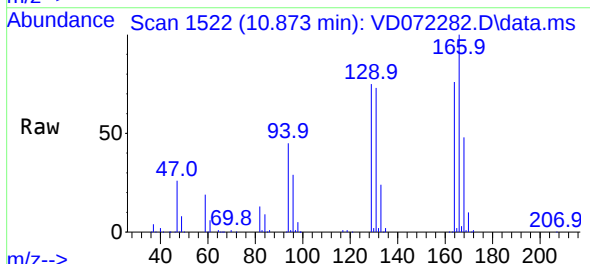
Tgt Ion:117 Resp: 537875
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

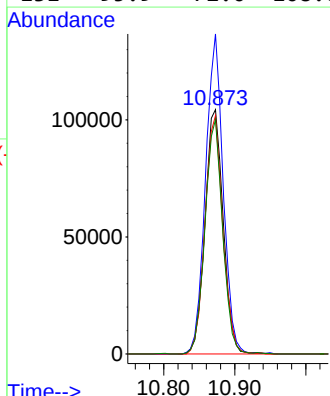
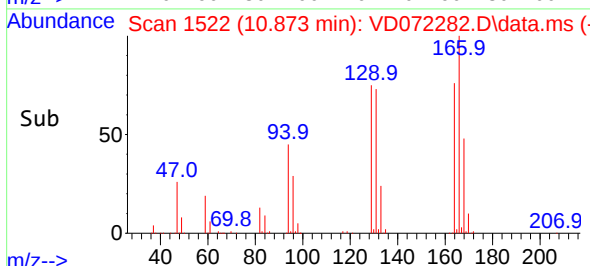
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

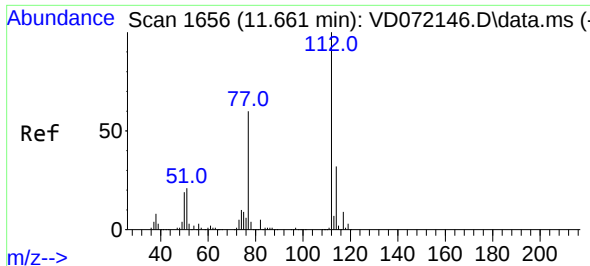


#64
Tetrachloroethene
Concen: 49.181 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



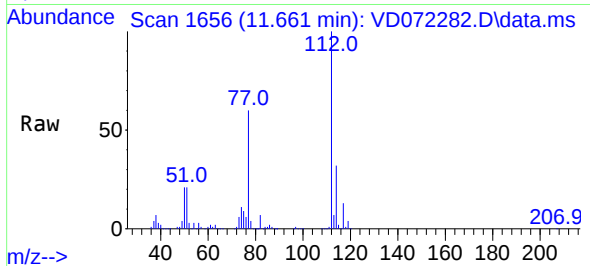
Tgt Ion:164 Resp: 186384
Ion Ratio Lower Upper
164 100
166 131.0 98.5 147.7
129 97.6 74.6 111.8
131 95.9 72.0 108.0





#65
Chlorobenzene
Concen: 49.294 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

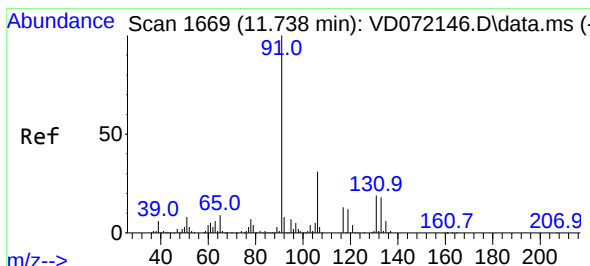
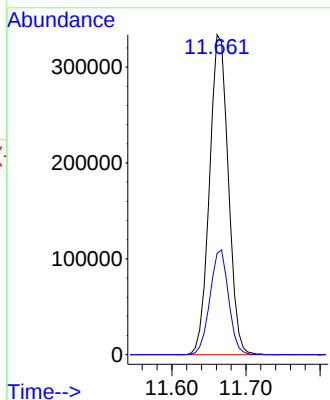
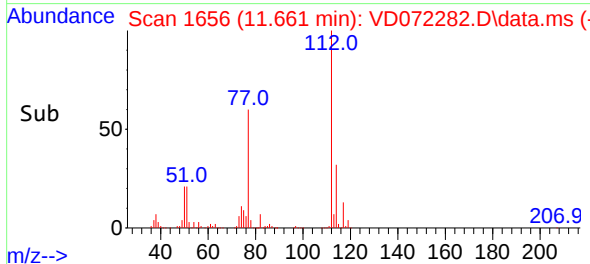
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



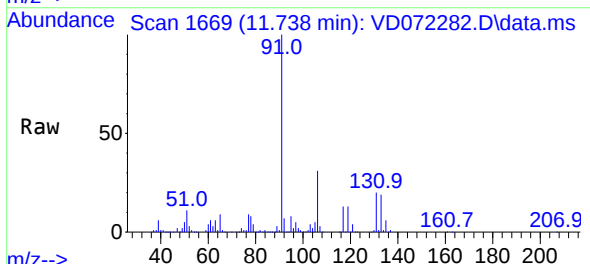
Tgt Ion:112 Resp: 58780
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6

Manual Integrations
APPROVED

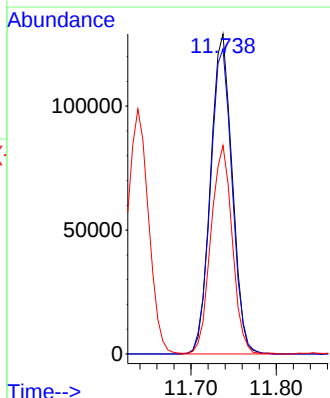
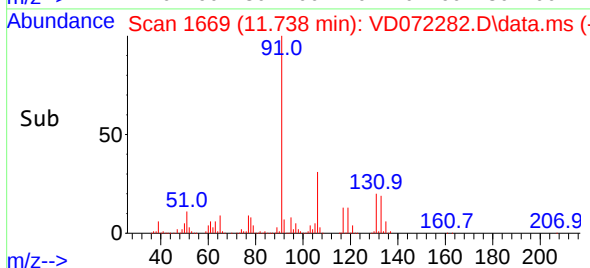
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

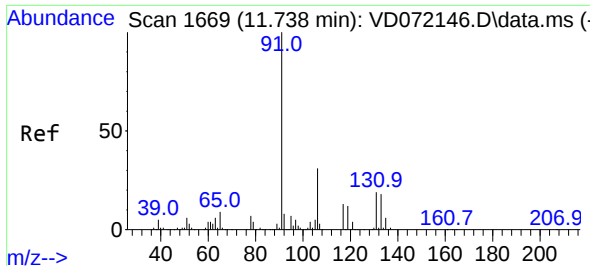


#66
1,1,1,2-Tetrachloroethane
Concen: 48.136 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



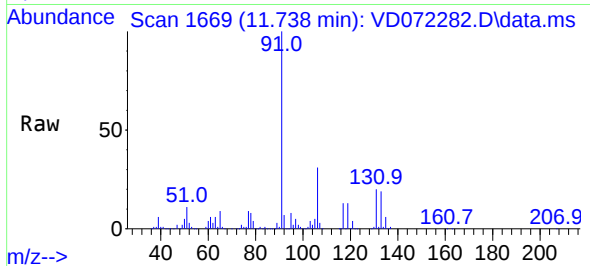
Tgt Ion:131 Resp: 226981
Ion Ratio Lower Upper
131 100
133 96.4 48.1 144.3
119 64.5 31.9 95.9





#67
Ethyl Benzene
Concen: 50.303 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

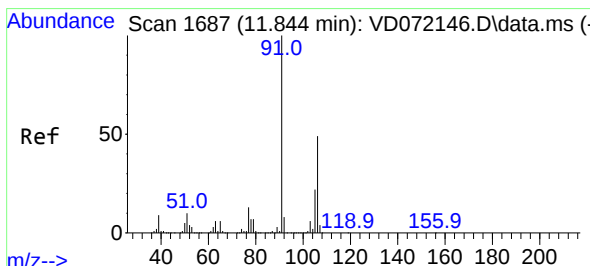
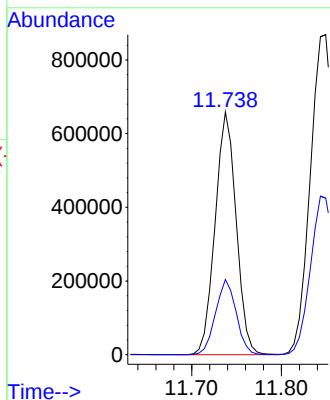
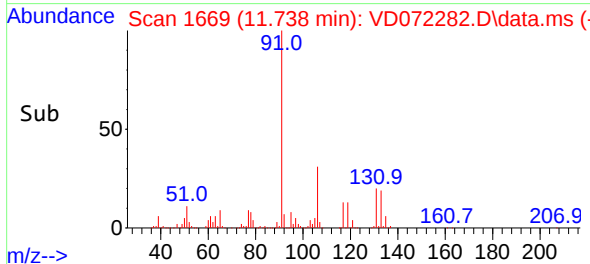
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



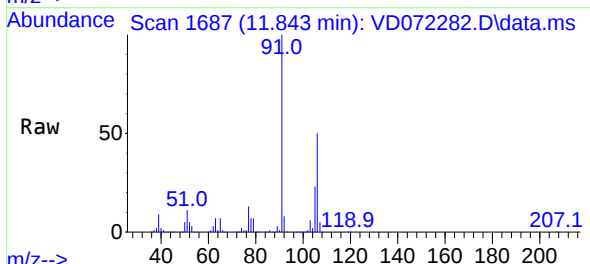
Tgt Ion: 91 Resp: 1071320
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

Manual Integrations
APPROVED

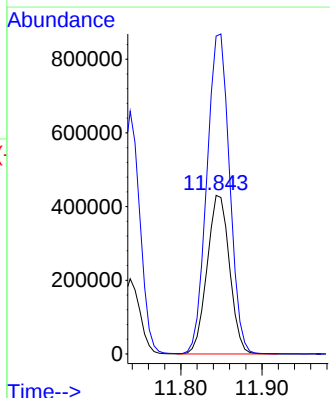
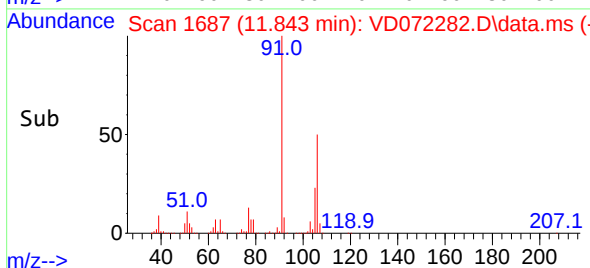
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

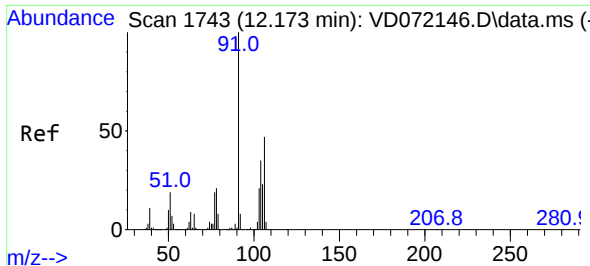


#68
m/p-Xylenes
Concen: 102.257 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



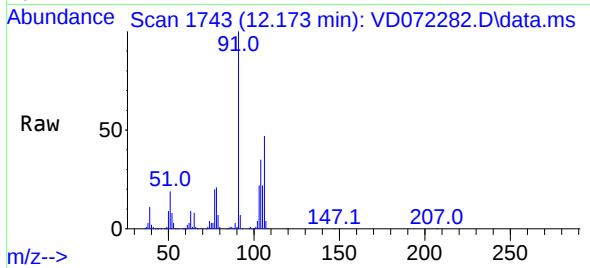
Tgt Ion:106 Resp: 826958
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5





#69
o-Xylene
Concen: 50.623 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

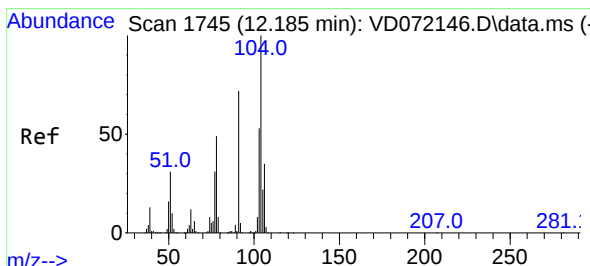
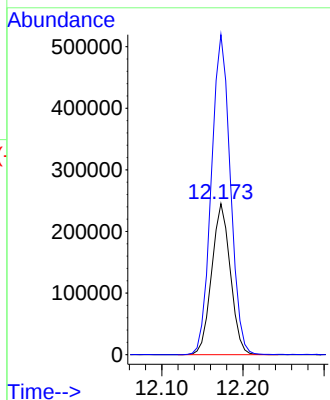
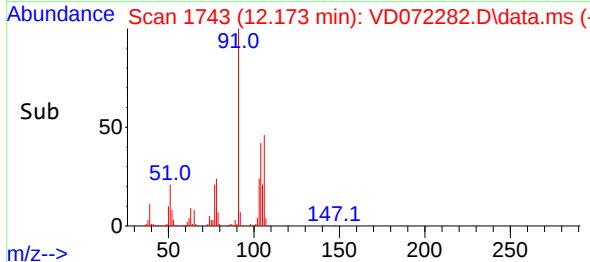
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



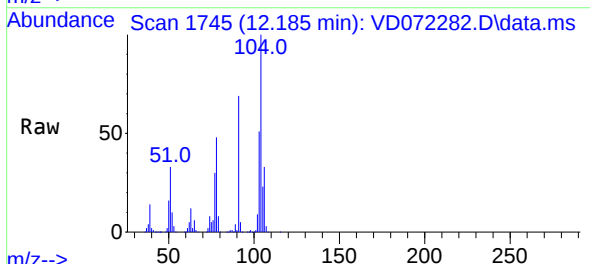
Tgt Ion:106 Resp: 391591
Ion Ratio Lower Upper
106 100
91 216.1 110.4 331.2

Manual Integrations
APPROVED

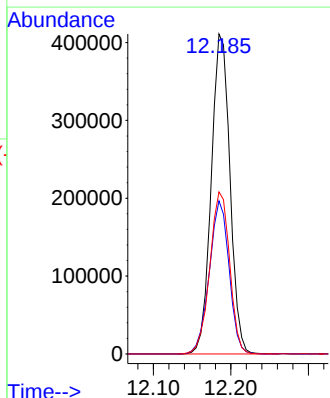
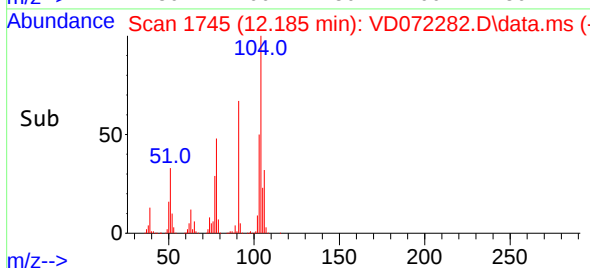
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

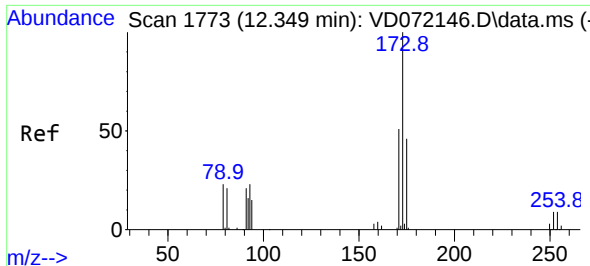


#70
Styrene
Concen: 51.011 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



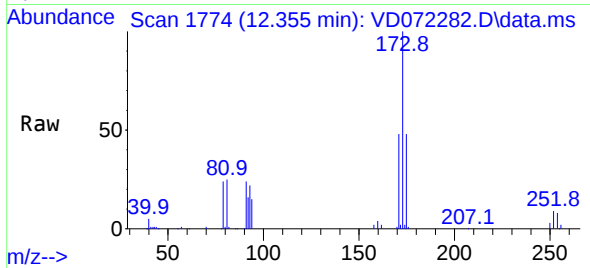
Tgt Ion:104 Resp: 689042
Ion Ratio Lower Upper
104 100
78 50.5 41.8 62.8
103 53.7 44.2 66.4





#71
Bromoform
Concen: 48.870 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

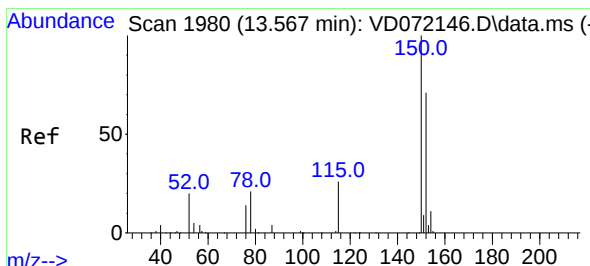
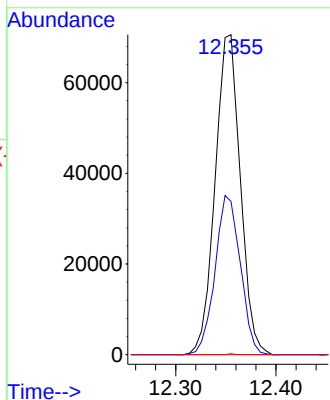
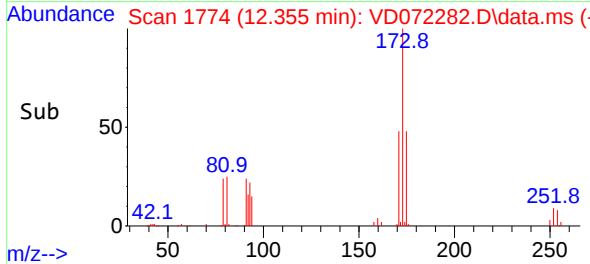
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



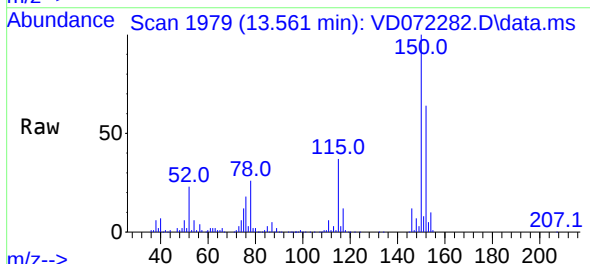
Tgt Ion:173 Resp: 123097
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

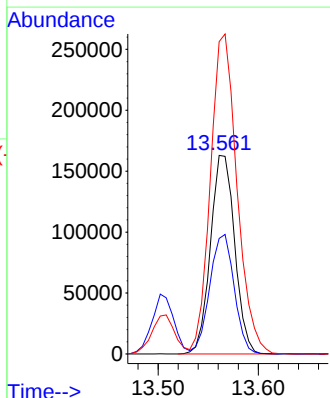
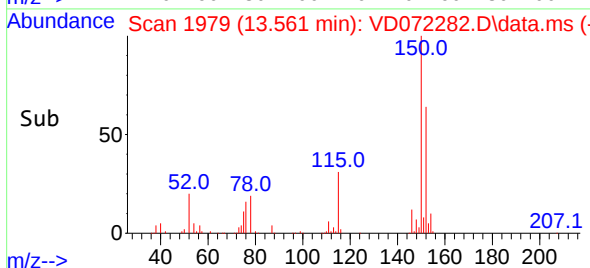
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

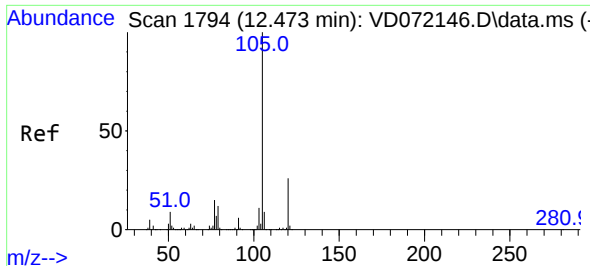


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



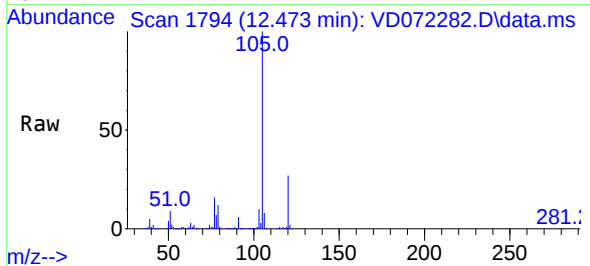
Tgt Ion:152 Resp: 273779
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 176.5 0.0 348.6





#73
Isopropylbenzene
Concen: 49.906 ug/l
RT: 12.473 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

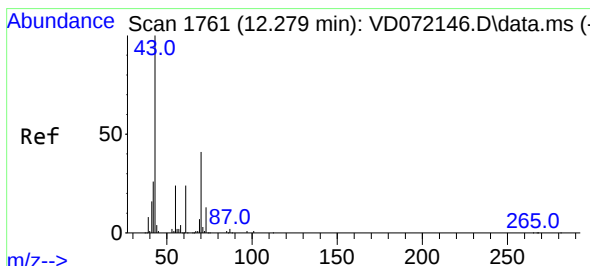
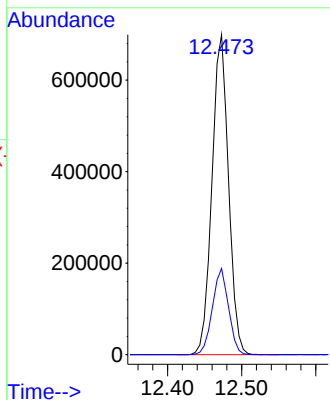
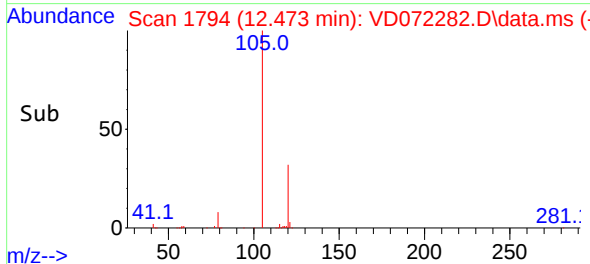
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



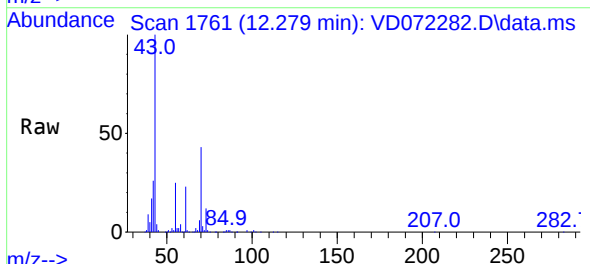
Tgt Ion:105 Resp: 1082750
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

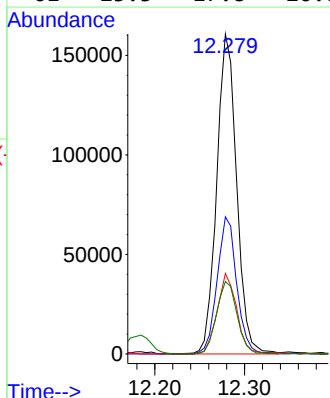
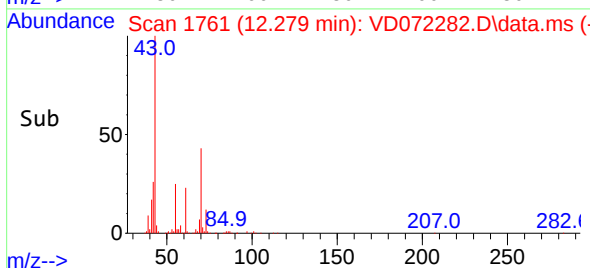
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

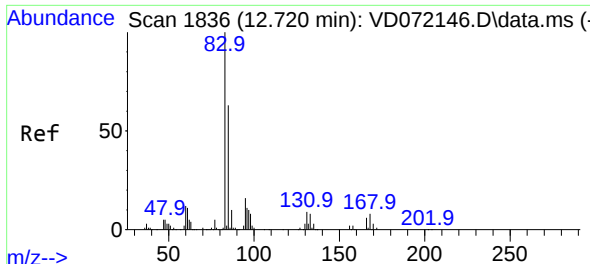


#74
N-ethyl acetate
Concen: 53.179 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



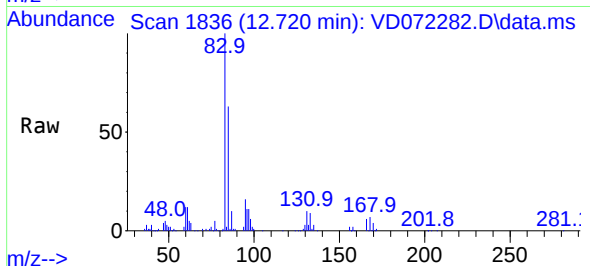
Tgt Ion: 43 Resp: 247940
Ion Ratio Lower Upper
43 100
70 42.3 31.3 46.9
55 25.0 20.0 30.0
61 23.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 50.764 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

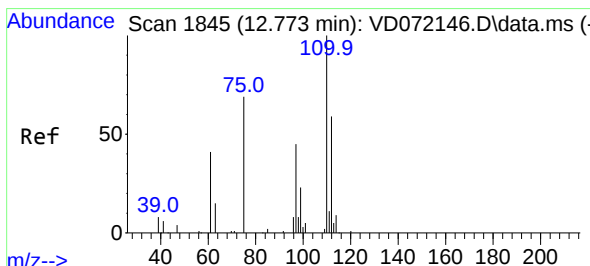
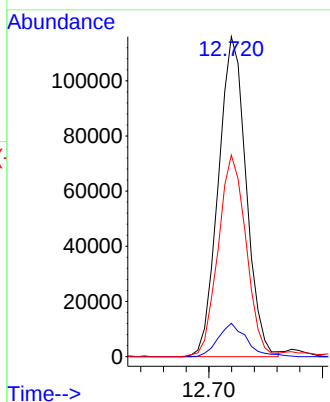
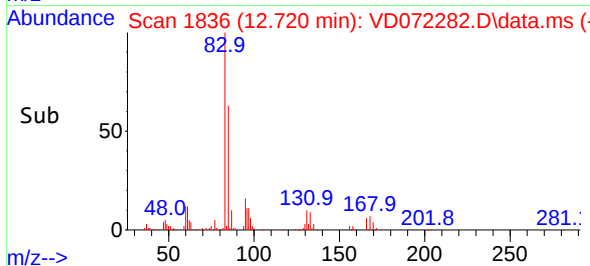
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



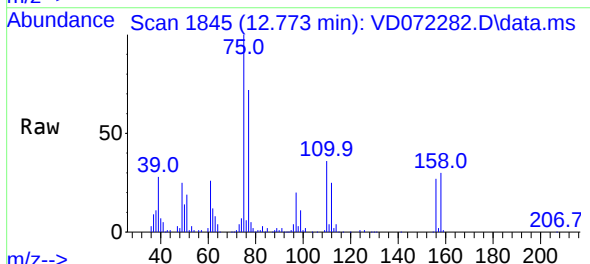
Tgt Ion: 83 Resp: 196974
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 63.3 32.6 98.0

Manual Integrations
APPROVED

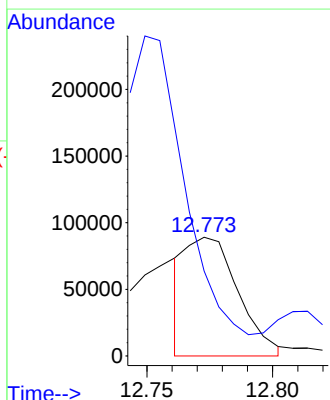
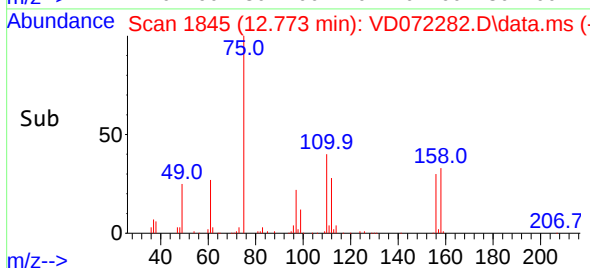
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

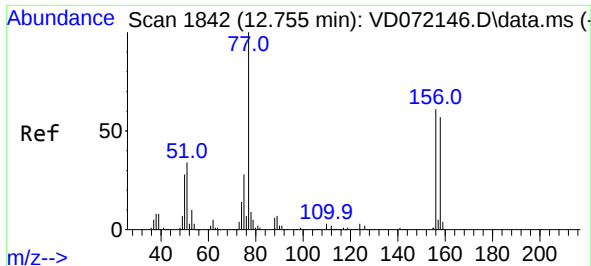


#76
1,2,3-Trichloropropane
Concen: 42.863 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



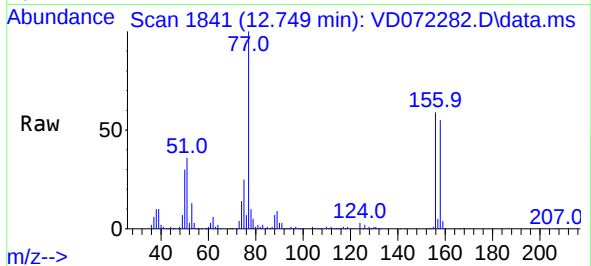
Tgt Ion: 75 Resp: 129447
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.465 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

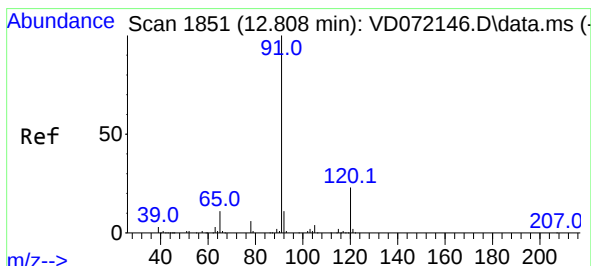
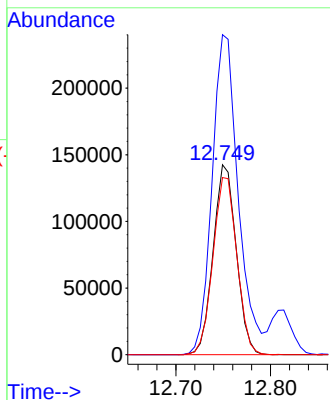
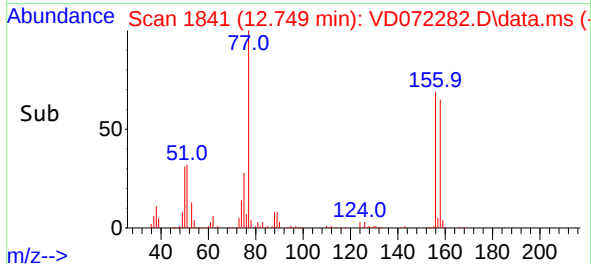
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



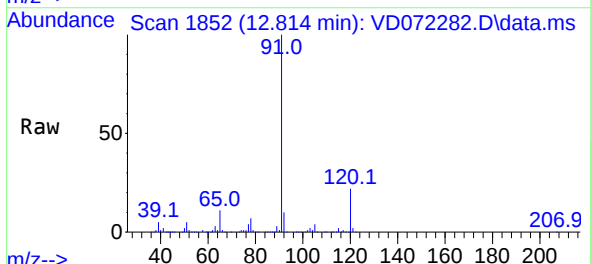
Tgt Ion:156 Resp: 241540
Ion Ratio Lower Upper
156 100
77 189.7 102.8 308.3
158 96.8 48.7 146.1

Manual Integrations
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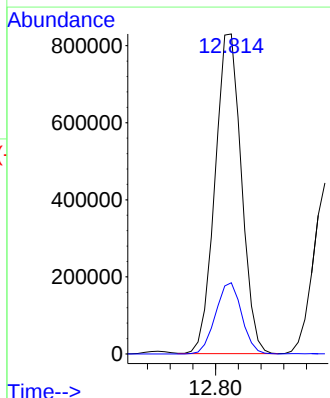
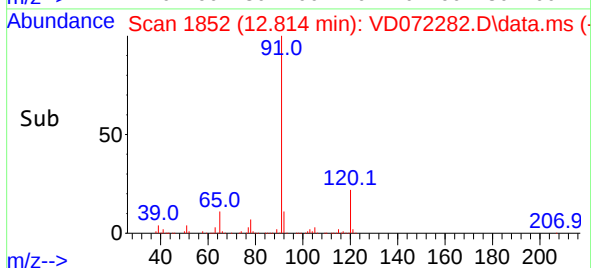
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

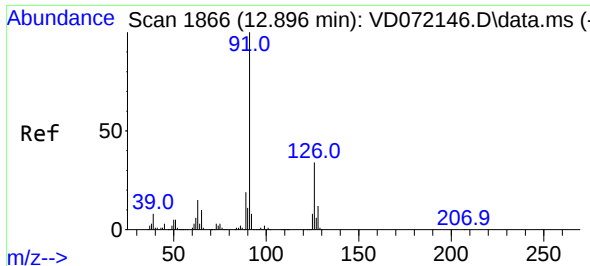


#78
n-propylbenzene
Concen: 50.796 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion: 91 Resp: 1338607
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.9





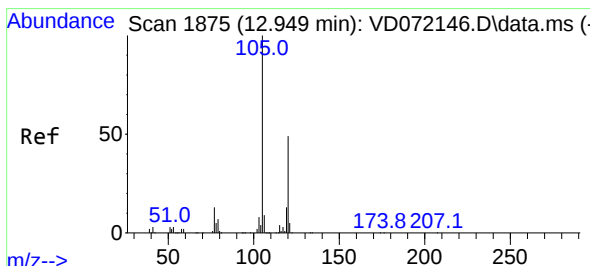
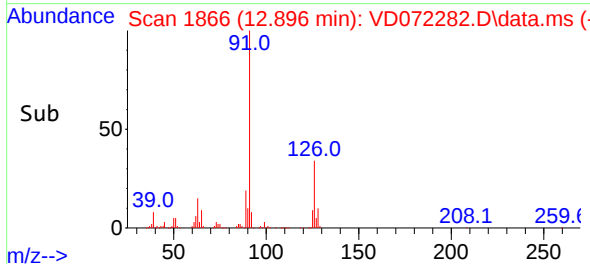
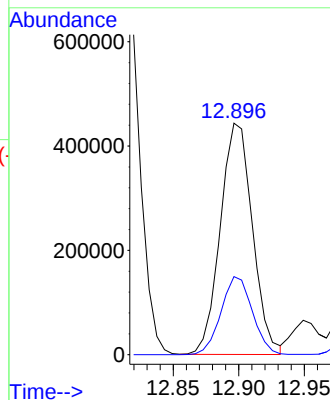
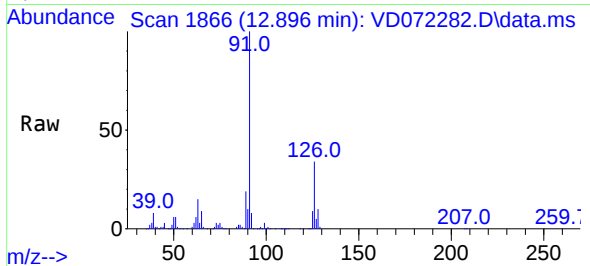
#79
2-Chlorotoluene
Concen: 49.645 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 75649
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6

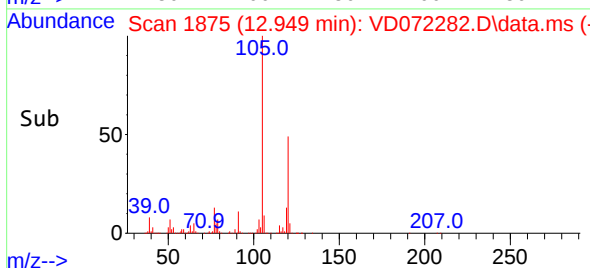
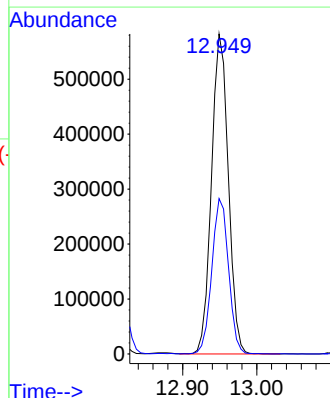
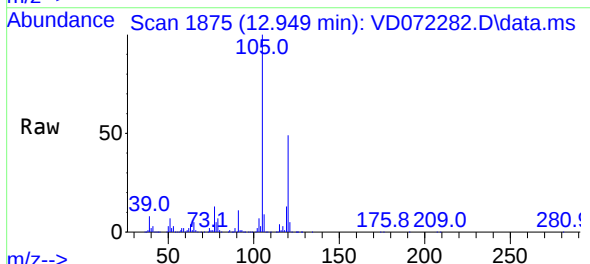
Manual Integrations
APPROVED

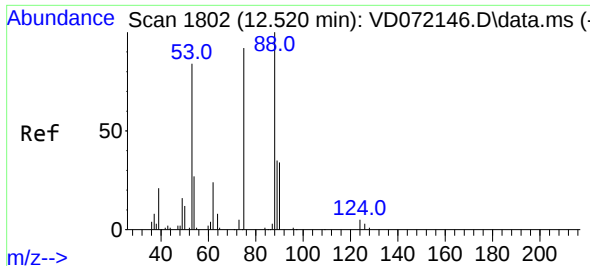
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.307 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

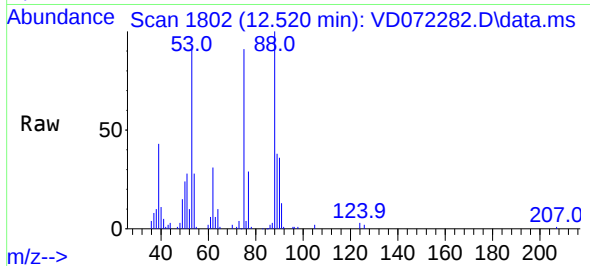
Tgt Ion:105 Resp: 919017
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 48.532 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

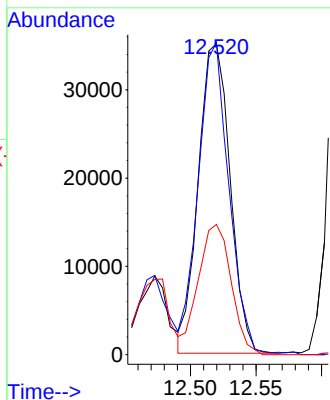
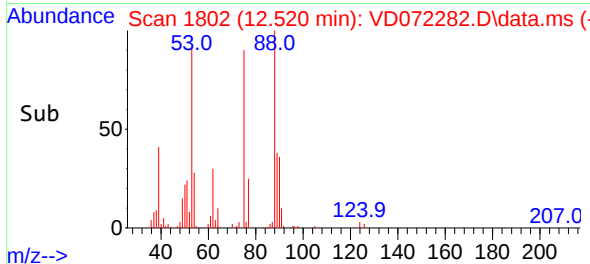
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



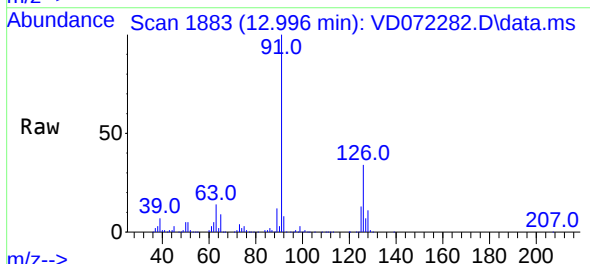
Tgt Ion: 75 Resp: 59074
Ion Ratio Lower Upper
75 100
53 98.2 86.5 129.7
89 43.7 33.9 50.9

Manual Integrations
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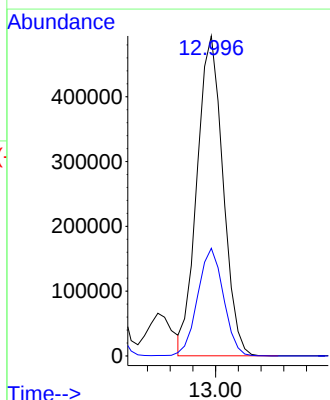
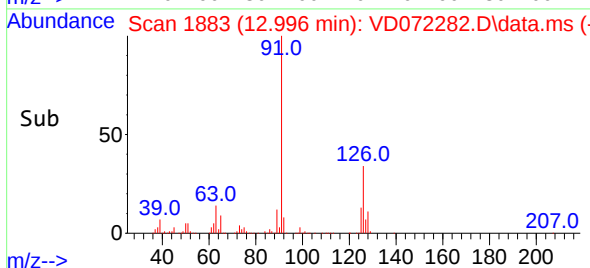
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

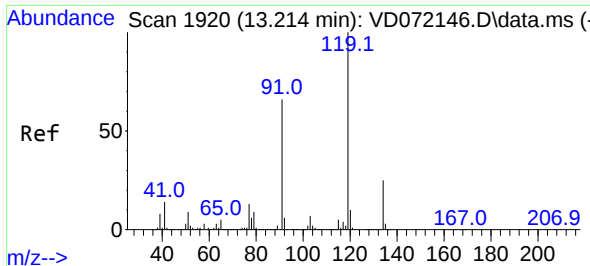


#82
4-Chlorotoluene
Concen: 49.588 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



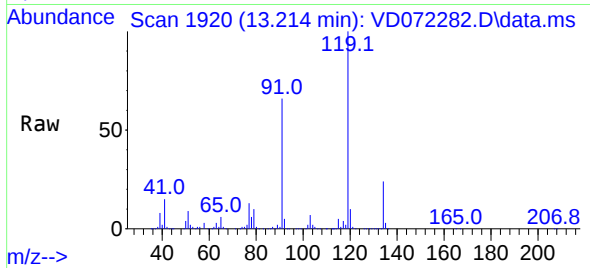
Tgt Ion: 91 Resp: 782402
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5





#83
tert-Butylbenzene
Concen: 48.625 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

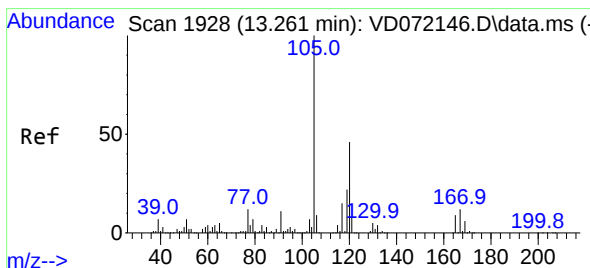
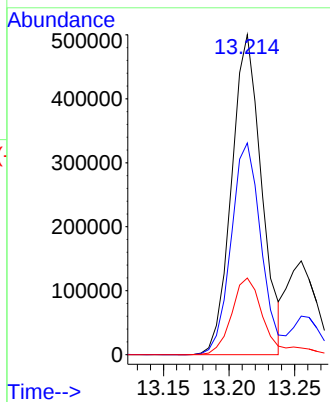
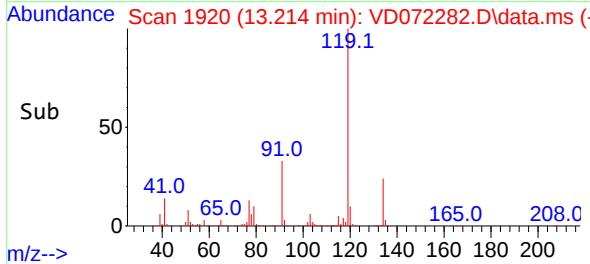
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



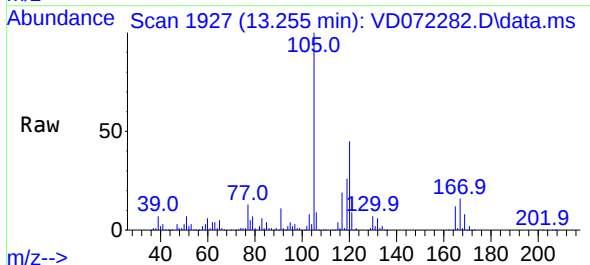
Tgt Ion:119 Resp: 79456
Ion Ratio Lower Upper
119 100
91 66.8 34.8 104.5
134 26.2 13.3 39.9

Manual Integrations
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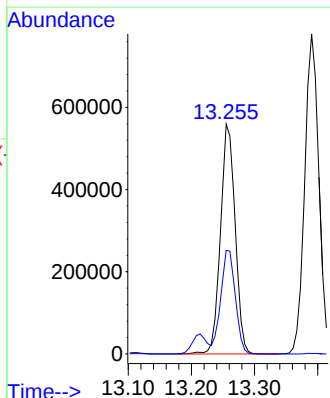
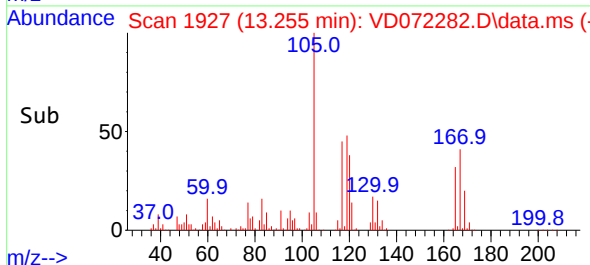
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

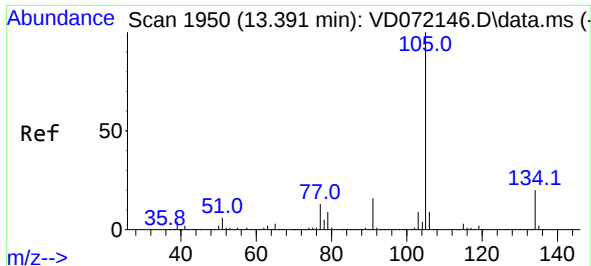


#84
1,2,4-Trimethylbenzene
Concen: 49.163 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion:105 Resp: 902876
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 49.226 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31

Instrument :

MSVOA_D

ClientSampleId :

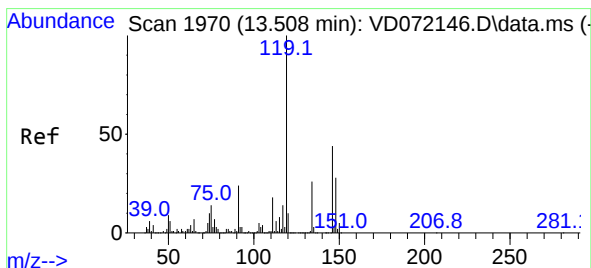
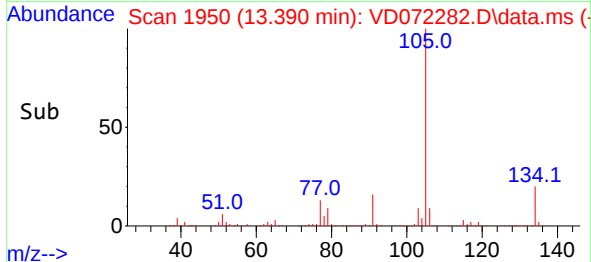
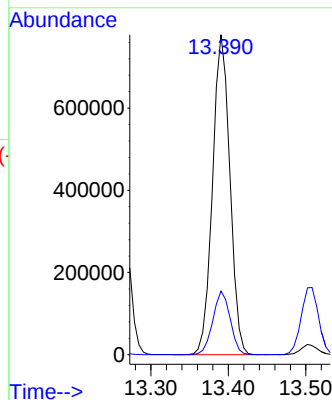
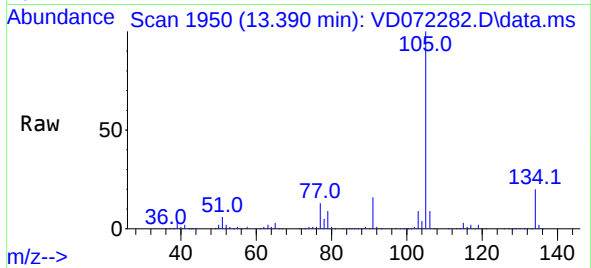
VSTDCCC050

Tgt Ion:105 Resp: 1207980
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations

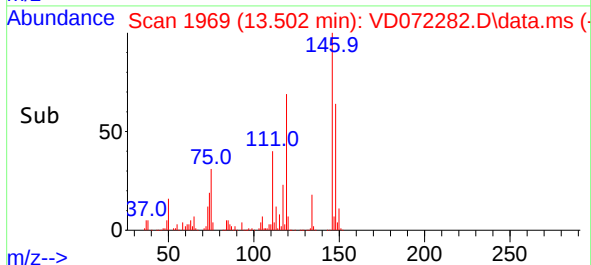
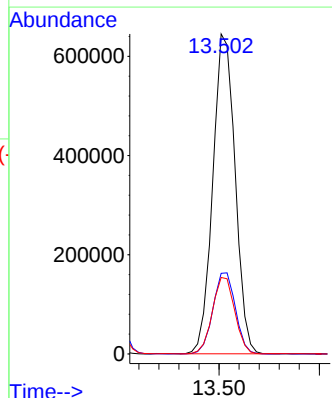
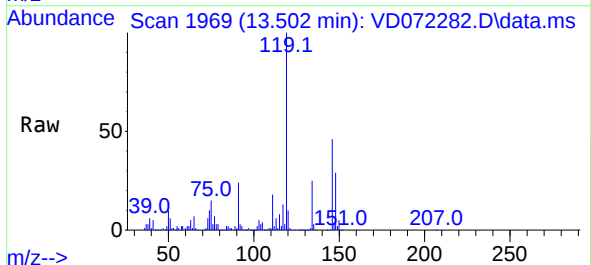
APPROVED

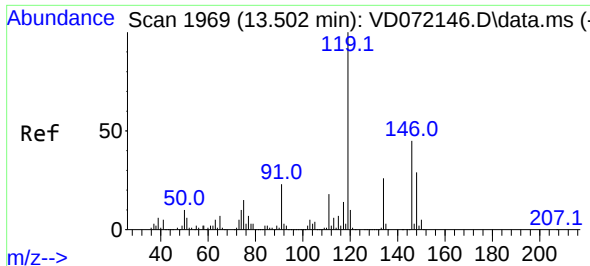
Reviewed By :John Carlone 03/21/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#86
 p-Isopropyltoluene
 Concen: 49.356 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072282.D
 Acq: 18 Mar 2022 11:31

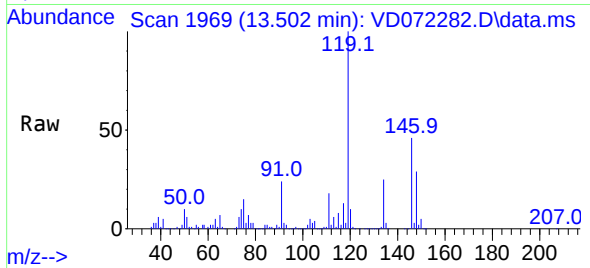
Tgt Ion:119 Resp: 996642
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.6
 91 24.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 48.211 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

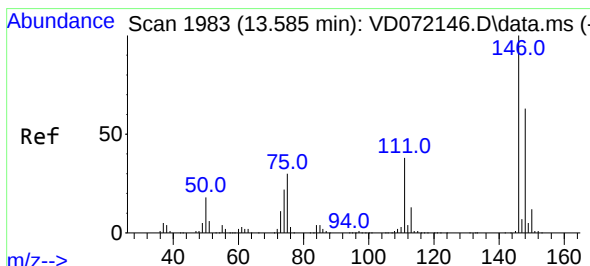
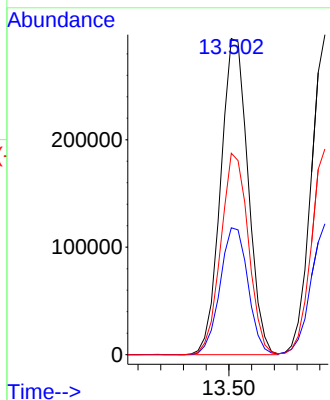
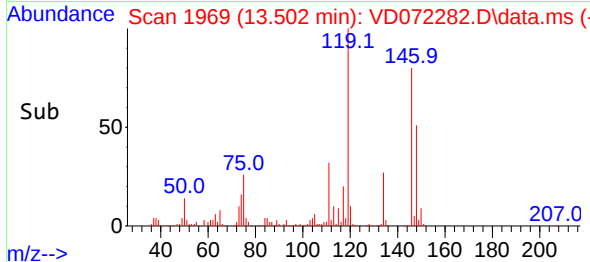
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



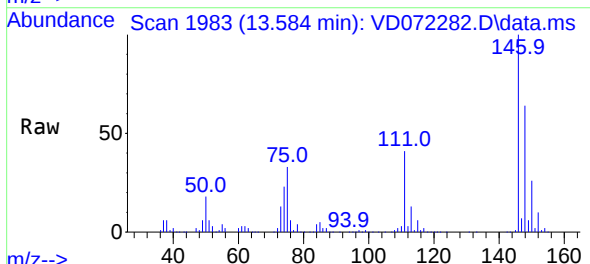
Tgt Ion:146 Resp: 493390
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 64.0 31.9 95.7

Manual Integrations
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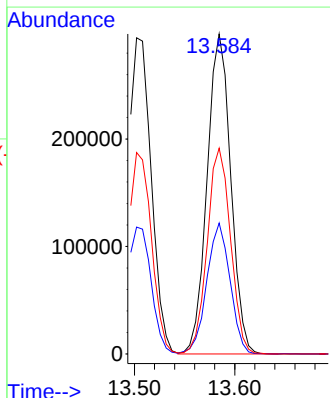
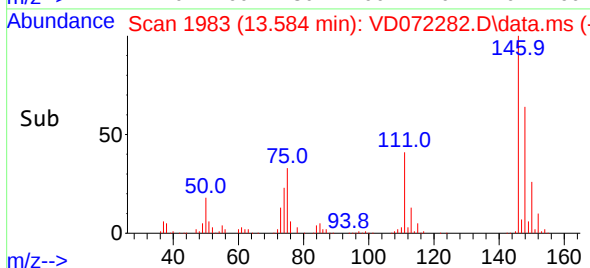
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

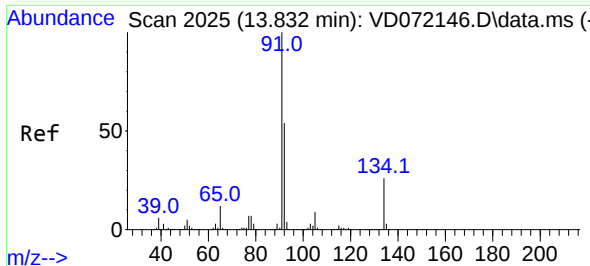


#88
1,4-Dichlorobenzene
Concen: 48.216 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



Tgt Ion:146 Resp: 489307
Ion Ratio Lower Upper
146 100
111 40.2 20.3 60.9
148 63.4 31.7 95.1





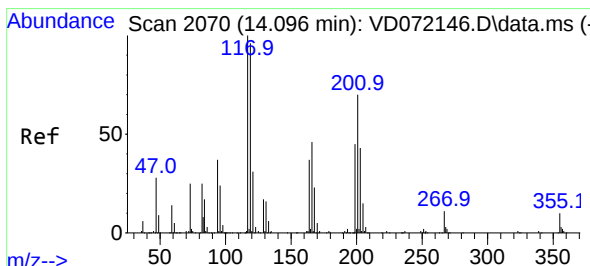
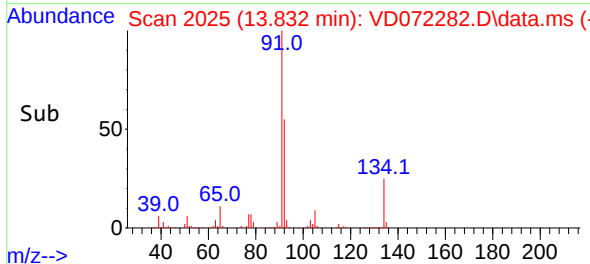
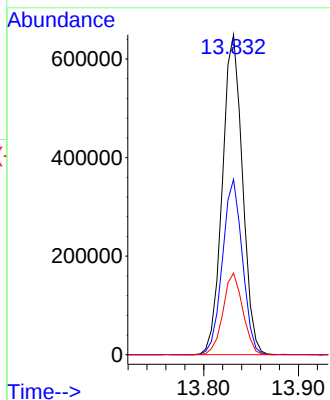
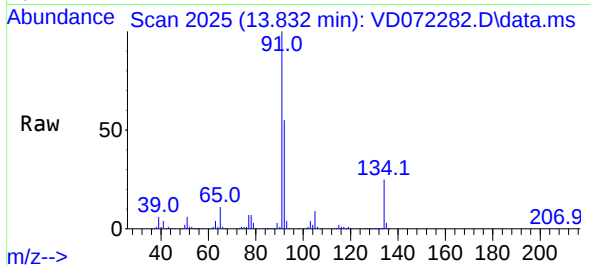
#89
n-Butylbenzene
Concen: 49.744 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 95744
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.1 12.3 36.9

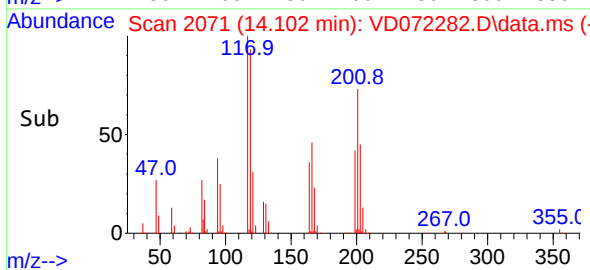
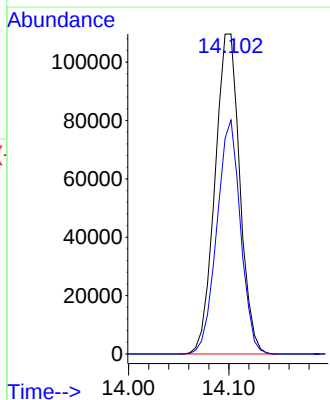
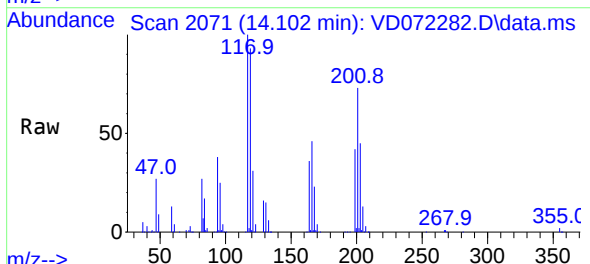
Manual Integrations
APPROVED

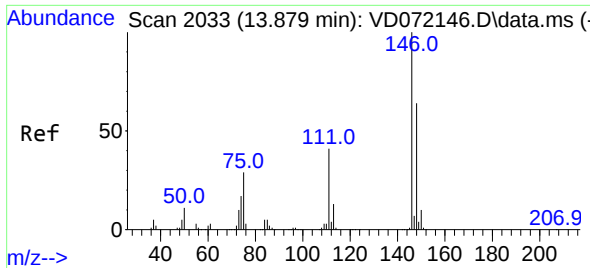
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 47.614 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion:117 Resp: 188443
Ion Ratio Lower Upper
117 100
201 69.5 33.4 100.2





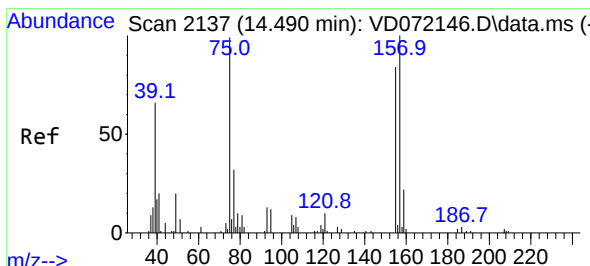
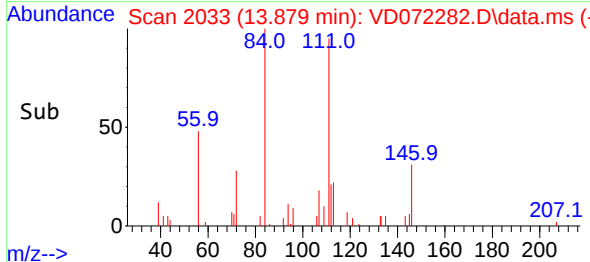
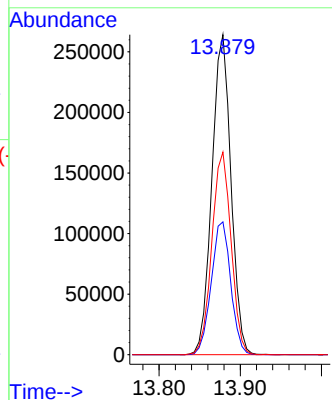
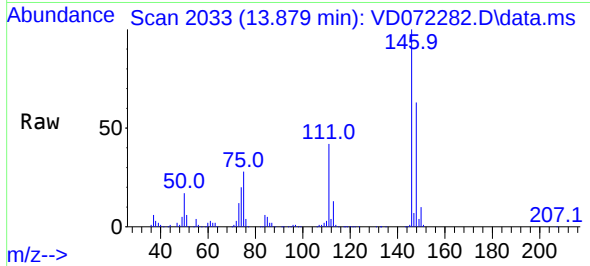
#91
1,2-Dichlorobenzene
Concen: 48.329 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 431223
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.8 31.7 95.1

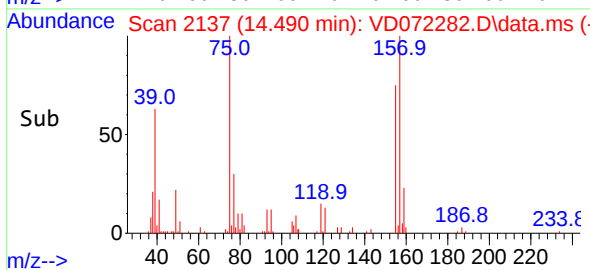
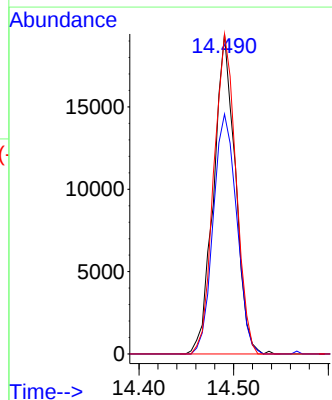
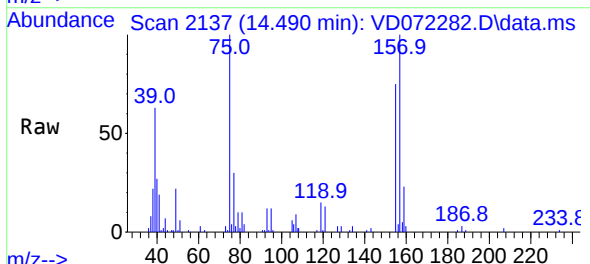
Manual Integrations
APPROVED

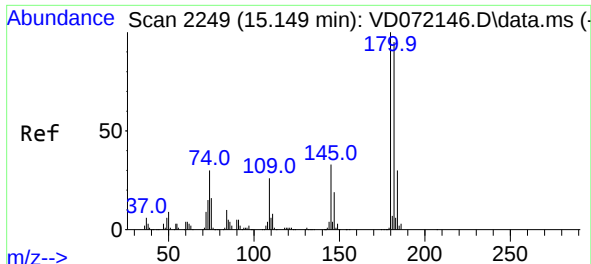
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.865 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

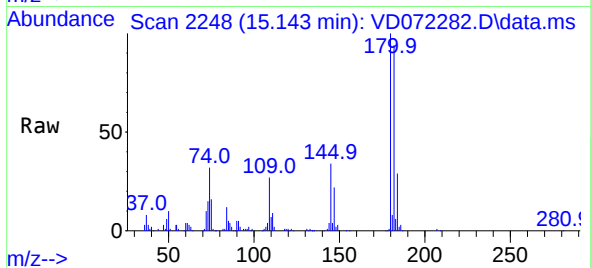
Tgt Ion: 75 Resp: 30879
Ion Ratio Lower Upper
75 100
155 81.0 36.8 110.3
157 102.0 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 46.069 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

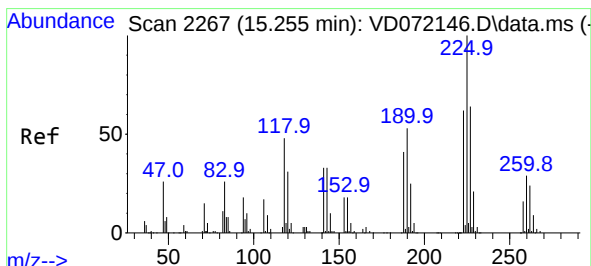
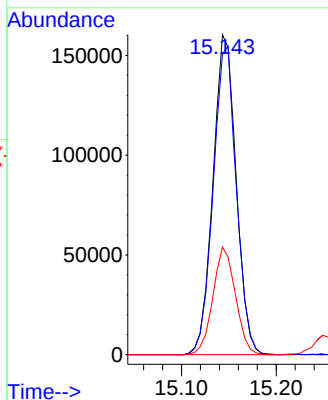
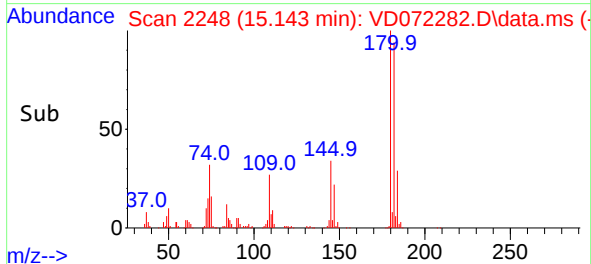
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



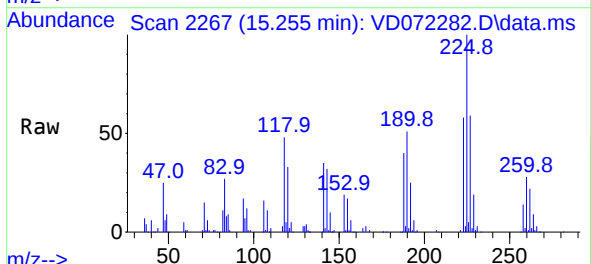
Tgt Ion:180 Resp: 272148
Ion Ratio Lower Upper
180 100
182 96.4 47.3 142.0
145 32.7 16.2 48.5

Manual Integrations
APPROVED

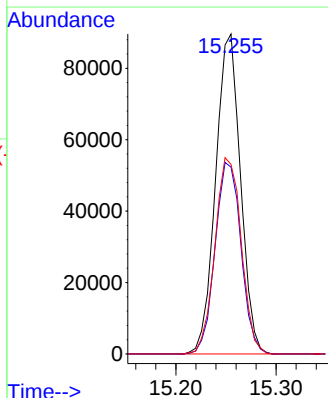
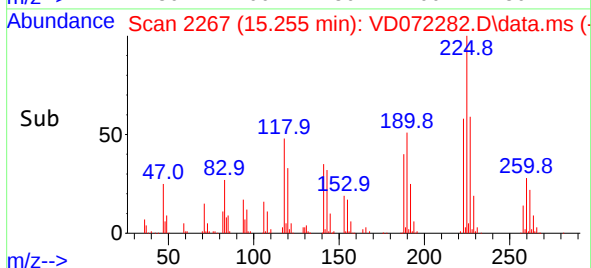
Reviewed By :John Carlone 03/21/2022
Supervised By :Mahesh Dadoda 03/21/2022

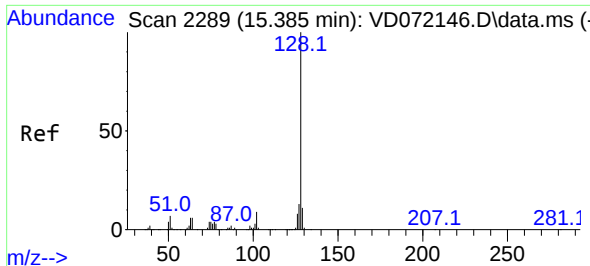


#94
Hexachlorobutadiene
Concen: 44.950 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31



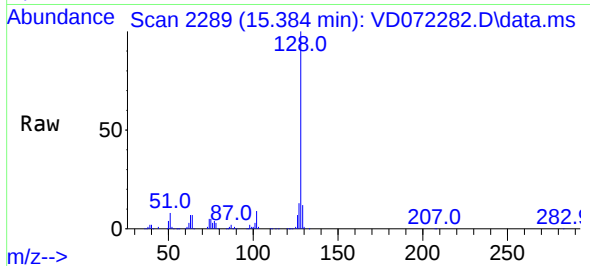
Tgt Ion:225 Resp: 154462
Ion Ratio Lower Upper
225 100
223 62.2 31.1 93.2
227 64.8 32.4 97.0





#95
Naphthalene
Concen: 48.308 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

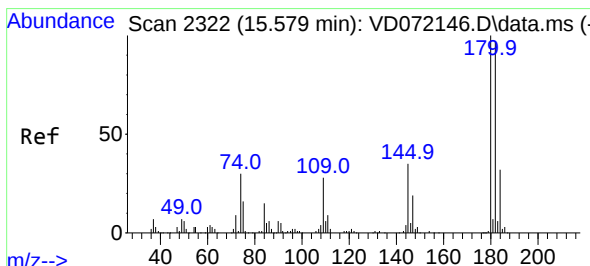
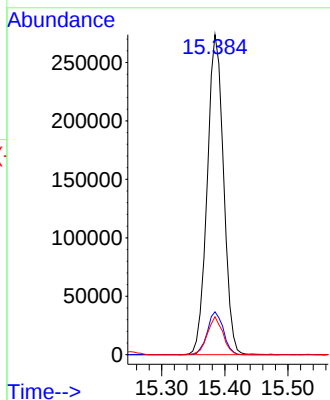
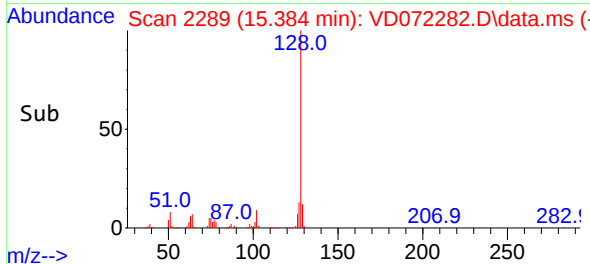
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 491924
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.4 12.6

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#96
1,2,3-Trichlorobenzene
Concen: 47.023 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072282.D
Acq: 18 Mar 2022 11:31

Tgt Ion:180 Resp: 240446
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 34.0 17.1 51.3

