

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071421\
 Data File : VV021647.D
 Acq On : 14 Jul 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 15 01:50:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 14 03:32:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	469342	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	442271	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	240427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145023	48.837	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.680%
7) Chloroethane-d5	1.558	69	112135	46.203	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.105	63	253385	46.637	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
21) 2-Butanone-d5	3.867	46	229805	90.613	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.610%
24) Chloroform-d	4.346	84	291012	46.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
26) 1,2-Dichloroethane-d4	5.031	65	173032	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.047	84	586286	47.213	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.420%
36) 1,2-Dichloropropane-d6	6.069	67	184302	47.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	7.317	98	549142	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	7.622	79	94201	48.350	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.700%
47) 2-Hexanone-d5	8.085	63	171275	94.274	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.270%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	253597	48.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	229103	47.797	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	178990	44.093	ug/L	99
3) Chloromethane	1.240	50	173775	44.465	ug/L	98
5) Vinyl chloride	1.307	62	171880	44.425	ug/L	99
6) Bromomethane	1.507	94	106893	47.410	ug/L	100
8) Chloroethane	1.574	64	103091	46.346	ug/L	100
9) Trichlorofluoromethane	1.748	101	238707	49.023	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	136295	48.860	ug/L	98
12) 1,1-Dichloroethene	2.114	96	125467	46.809	ug/L	97
13) Acetone	2.156	43	195558	93.272	ug/L #	100
14) Carbon disulfide	2.291	76	404896	42.846	ug/L	100
15) Methyl Acetate	2.423	43	169622	43.536	ug/L	99
16) Methylene chloride	2.503	84	162684	44.710	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	151127	46.215	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	492204	46.473	ug/L	99
19) 1,1-Dichloroethane	3.185	63	279403	46.906	ug/L	99
20) cis-1,2-Dichloroethene	3.909	96	168498	46.338	ug/L	100
22) 2-Butanone	3.950	43	271956	93.921	ug/L	97
23) Bromochloromethane	4.246	128	91308	47.573	ug/L	96
25) Chloroform	4.372	83	283727	46.721	ug/L	99

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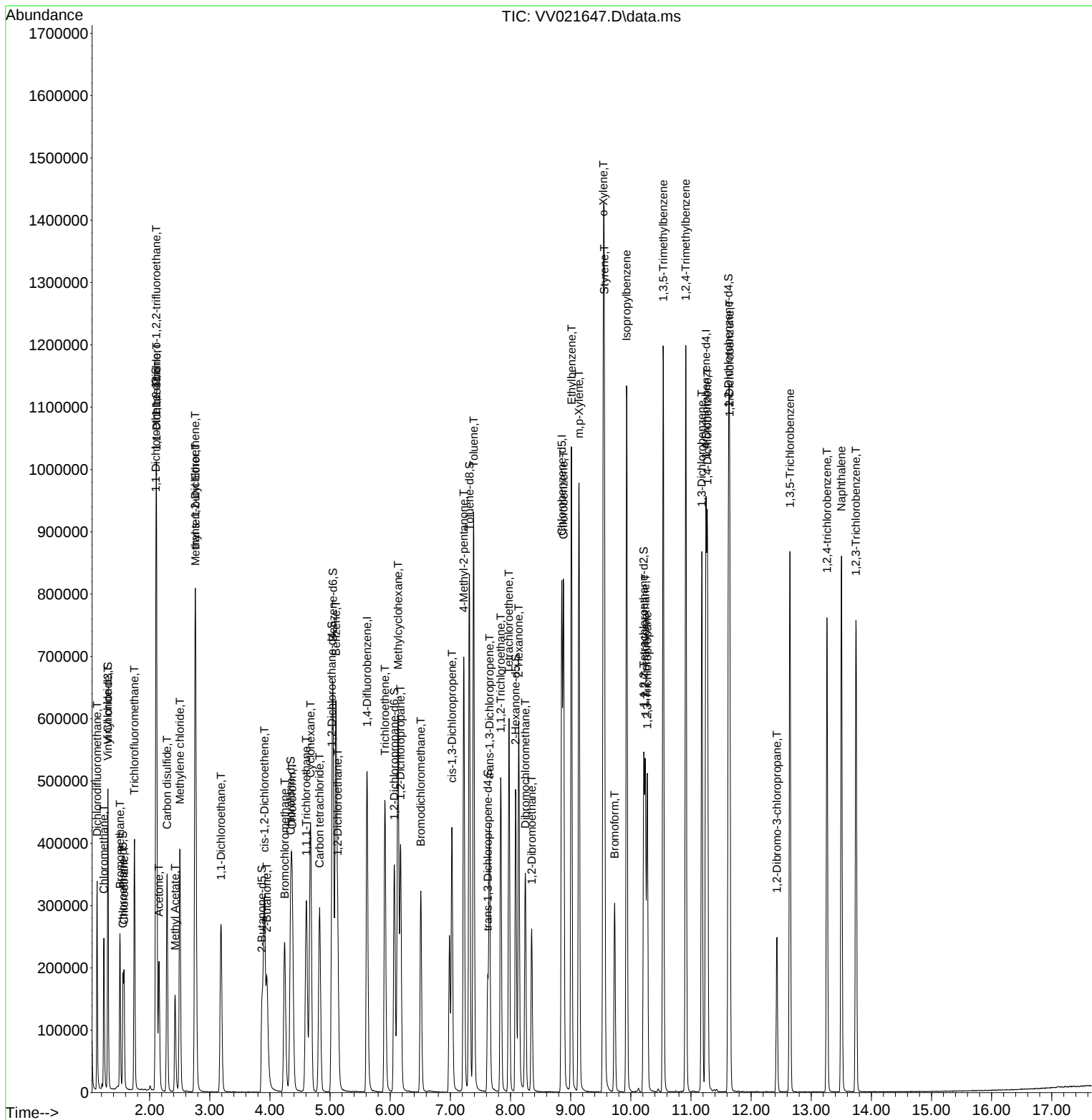
Instrument :
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 ClientSampleId :

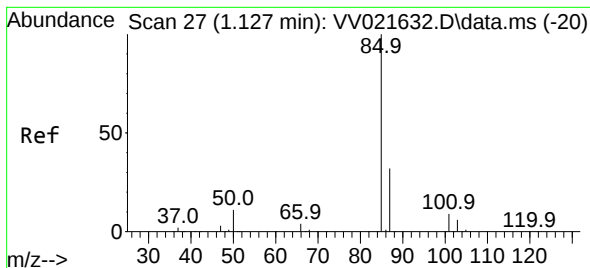
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	204384	46.272	ug/L	100
29) Cyclohexane	4.674	56	252876	45.281	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	255423	45.937	ug/L	99
31) Carbon tetrachloride	4.825	117	225665	46.083	ug/L	99
33) Benzene	5.098	78	626140	46.520	ug/L	100
34) Trichloroethene	5.912	95	165762	45.561	ug/L	98
35) Methylcyclohexane	6.130	83	268808	46.537	ug/L	99
37) 1,2-Dichloropropane	6.172	63	158244	45.232	ug/L	99
38) Bromodichloromethane	6.510	83	217522	46.007	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	266413	46.178	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	451647	87.945	ug/L	99
42) Toluene	7.387	91	680907	47.230	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	248853	46.190	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	161335	46.942	ug/L	98
46) Tetrachloroethene	7.976	164	137030	47.355	ug/L	98
48) 2-Hexanone	8.137	43	361359	89.020	ug/L	99
49) Dibromochloromethane	8.246	129	185271	46.808	ug/L	98
50) 1,2-Dibromoethane	8.352	107	172735	45.838	ug/L	100
51) Chlorobenzene	8.883	112	443743	47.298	ug/L	99
52) Ethylbenzene	9.014	91	732580	46.773	ug/L	100
53) m,p-Xylene	9.140	106	285578	47.512	ug/L	99
54) o-Xylene	9.545	106	286562	47.788	ug/L	97
55) Styrene	9.561	104	485156	47.880	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	251674	46.975	ug/L	100
59) Bromoform	9.731	173	140491	45.464	ug/L	99
60) Isopropylbenzene	9.931	105	745766	45.477	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	202093	43.482	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	642783	45.992	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	650179	45.969	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	360898	46.801	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	359225	46.607	ug/L	98
67) 1,2-Dichlorobenzene	11.645	146	360010	46.585	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	57781	41.936	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	271538	47.120	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	235073	47.432	ug/L	99
71) Naphthalene	13.503	128	673224	44.603	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	233827	47.769	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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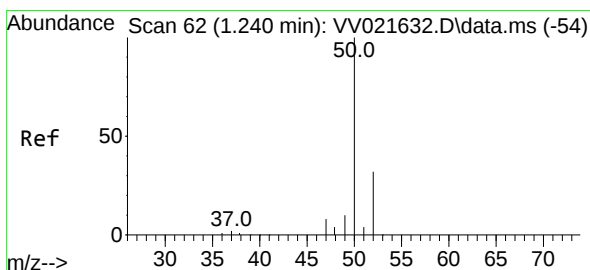
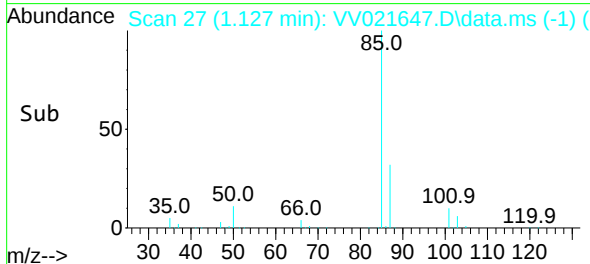
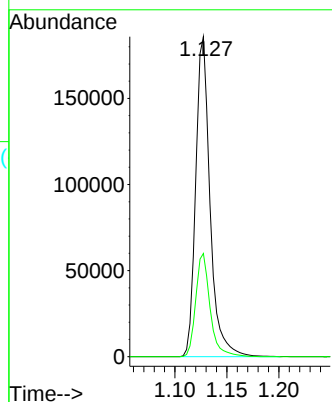
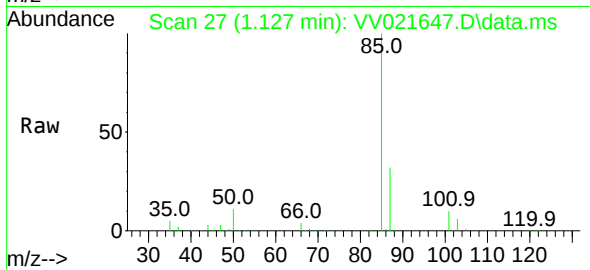




#2
 Dichlorodifluoromethane
 Concen: 44.093 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

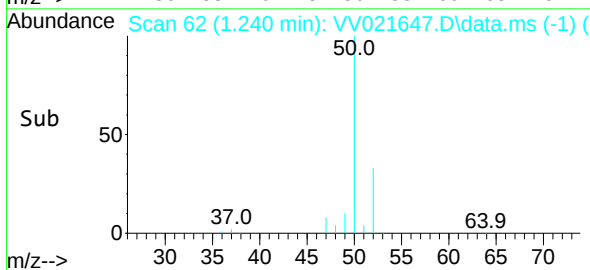
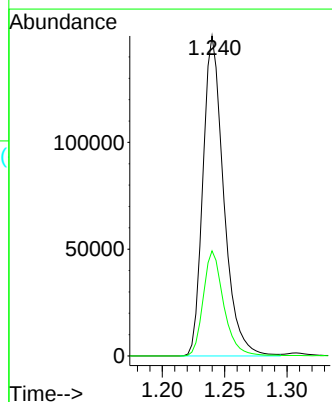
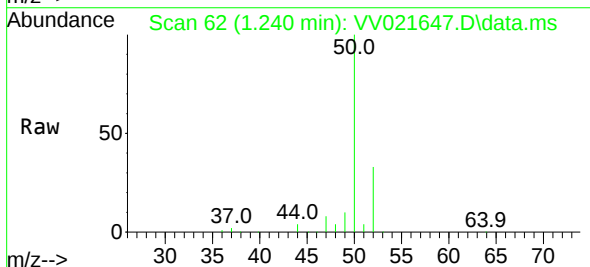
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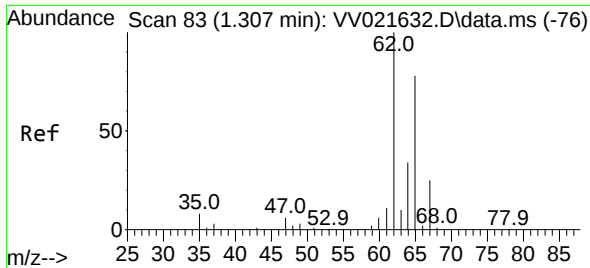
Tgt Ion: 85 Resp: 178990
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 44.465 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

Tgt Ion: 50 Resp: 173775
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.3 41.5

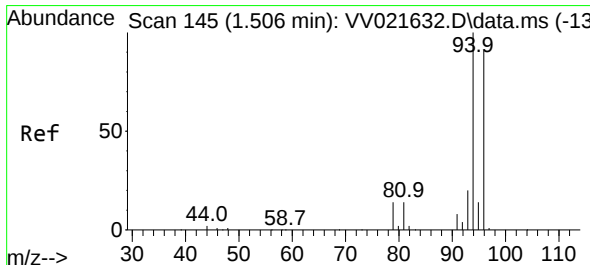
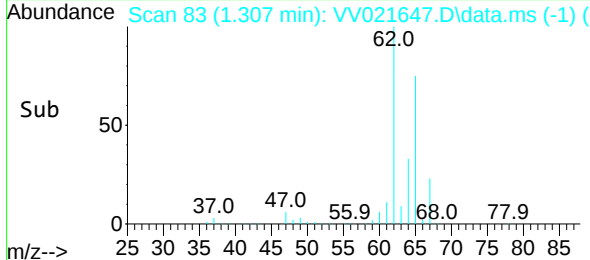
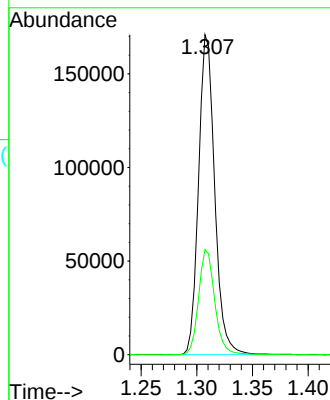
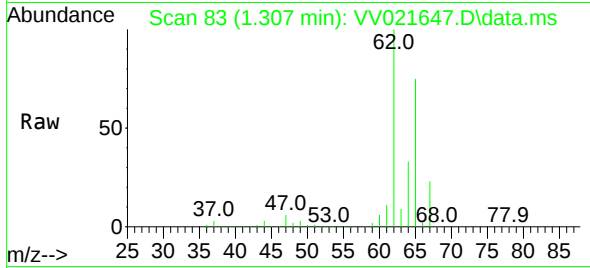




#5
 Vinyl chloride
 Concen: 44.425 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

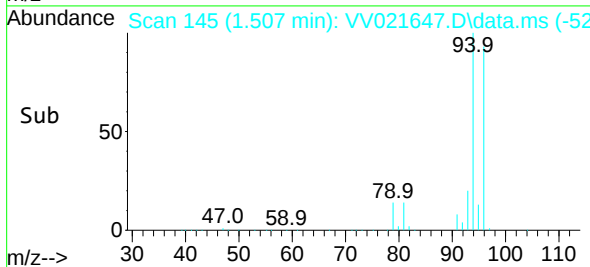
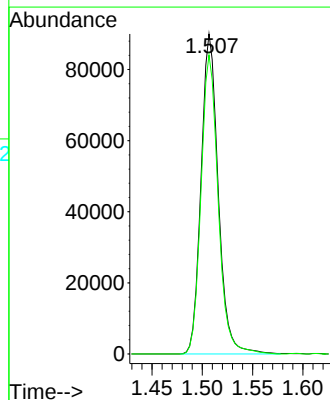
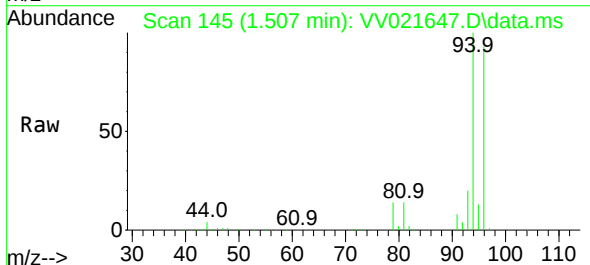
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 ClientSampled :

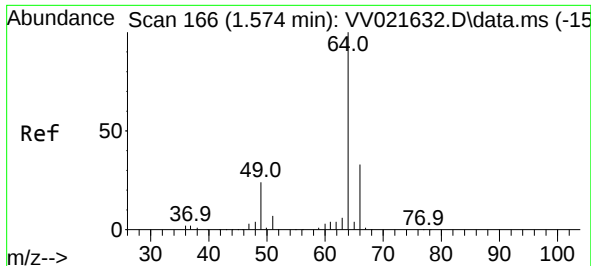
Tgt Ion: 62 Resp: 171880
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.3 43.3



#6
 Bromomethane
 Concen: 47.410 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

Tgt Ion: 94 Resp: 106893
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.5 121.7

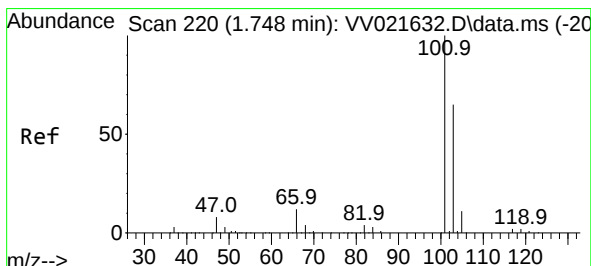
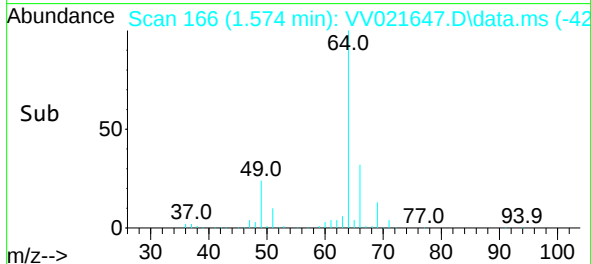
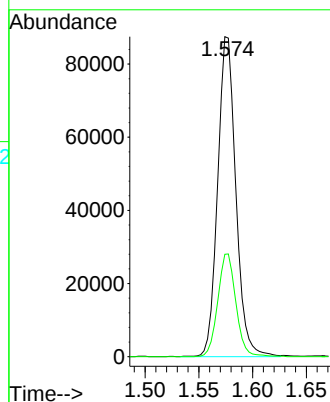
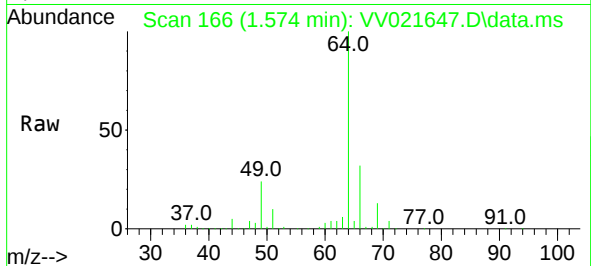




#8
Chloroethane
Concen: 46.346 ug/L
RT: 1.574 min Scan# 166
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

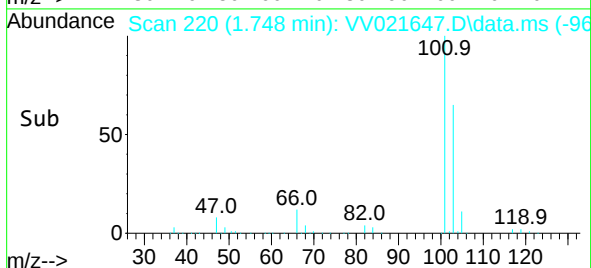
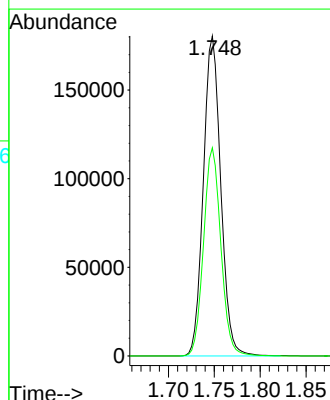
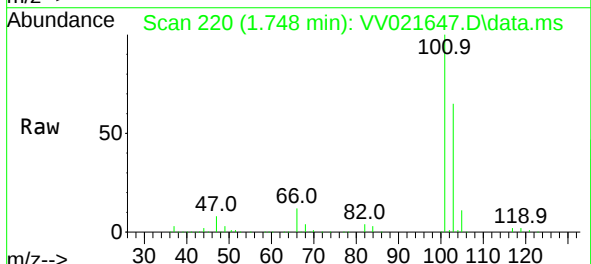
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ClientSampled :

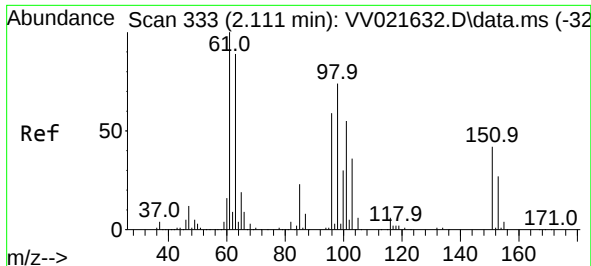
Tgt Ion: 64 Resp: 103091
Ion Ratio Lower Upper
64 100
66 32.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 49.023 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion:101 Resp: 238707
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

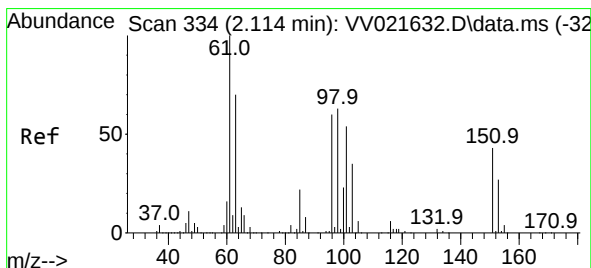
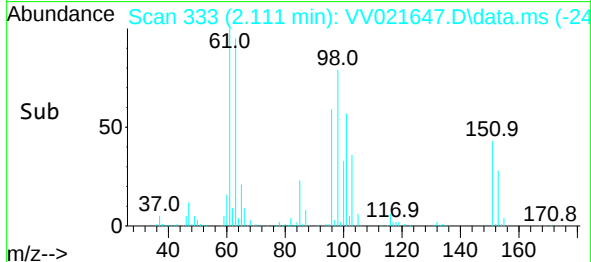
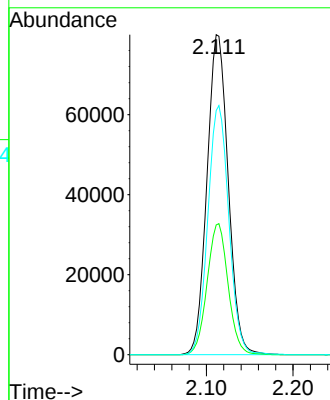
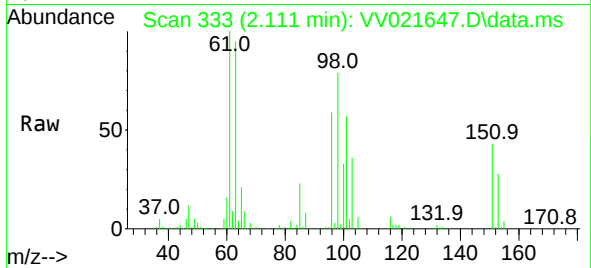




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.860 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

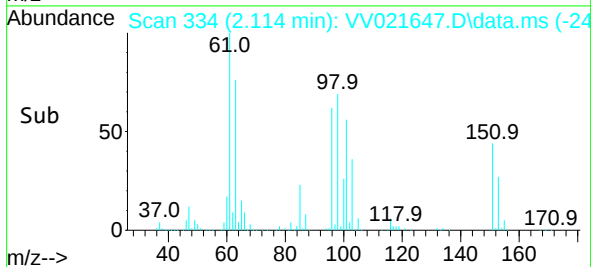
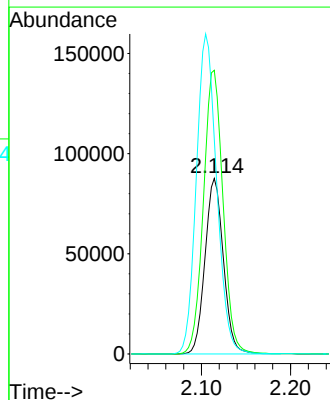
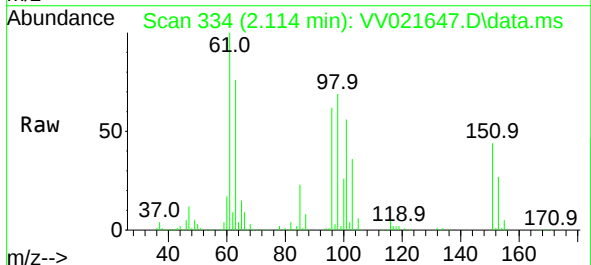
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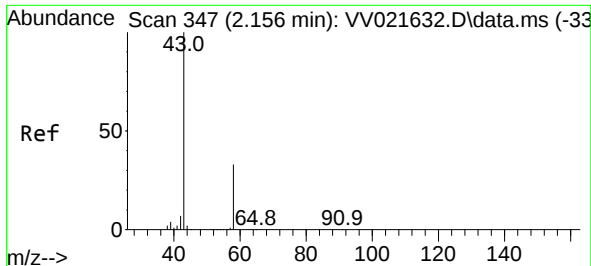
Tgt Ion:101 Resp: 136295
 Ion Ratio Lower Upper
 101 100
 85 40.5 33.3 49.9
 151 76.8 62.8 94.2



#12
 1,1-Dichloroethene
 Concen: 46.809 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV021647.D
 Acq: 14 Jul 2021 10:02

Tgt Ion: 96 Resp: 125467
 Ion Ratio Lower Upper
 96 100
 61 161.6 112.9 209.7
 63 122.5 90.8 168.6

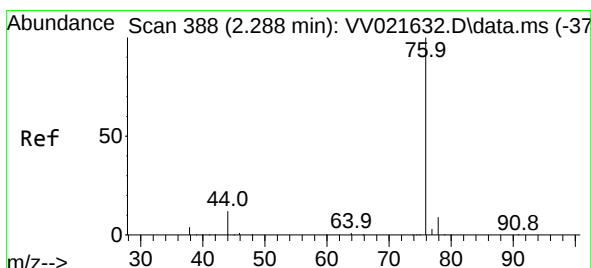
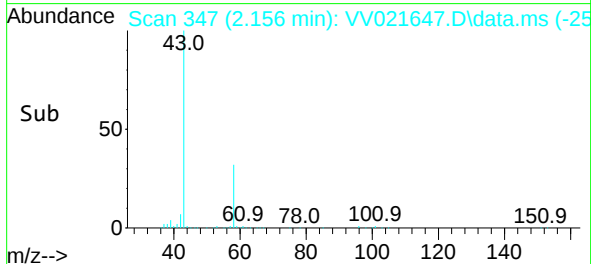
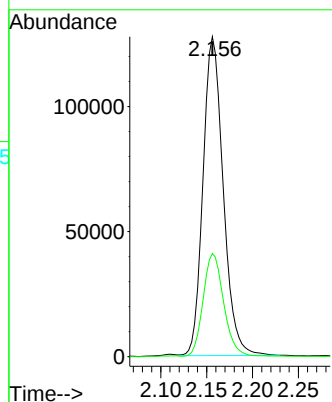
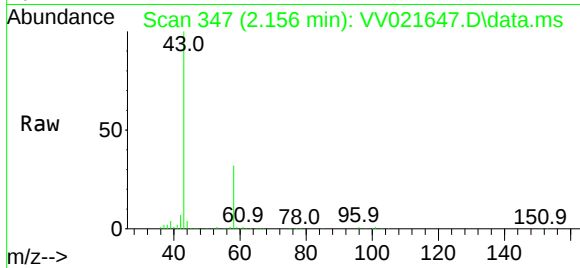




#13
Acetone
Concen: 93.272 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

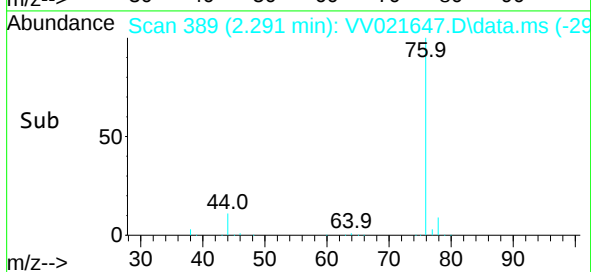
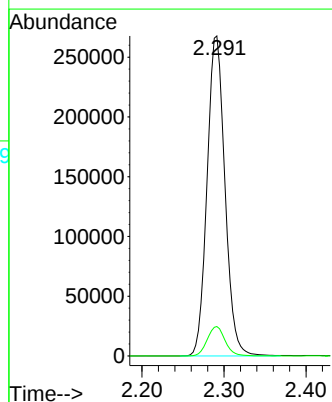
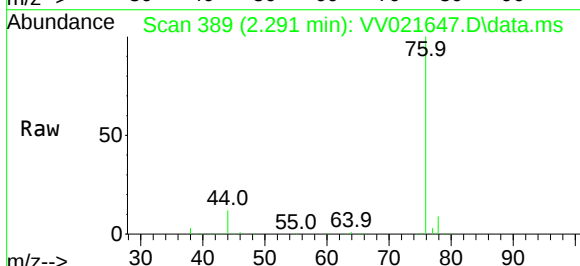
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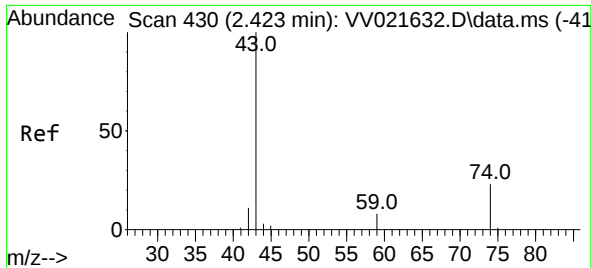
Tgt Ion: 43 Resp: 195558
Ion Ratio Lower Upper
43 100
58 32.4 0.0 0.0#



#14
Carbon disulfide
Concen: 42.846 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 76 Resp: 404896
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

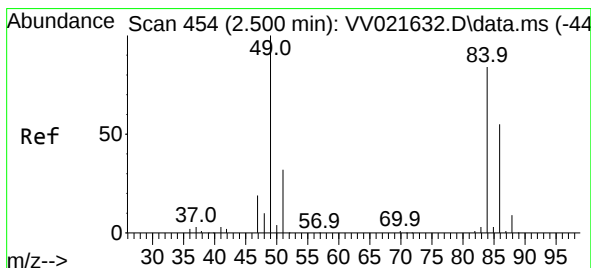
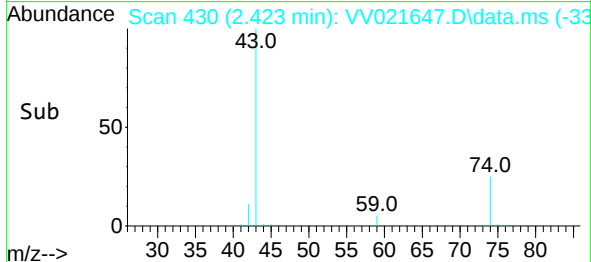
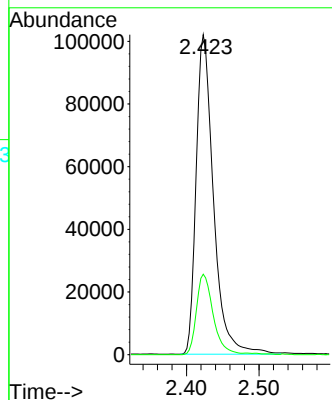
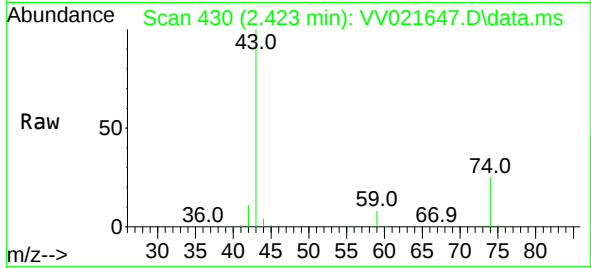




#15
Methyl Acetate
Concen: 43.536 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

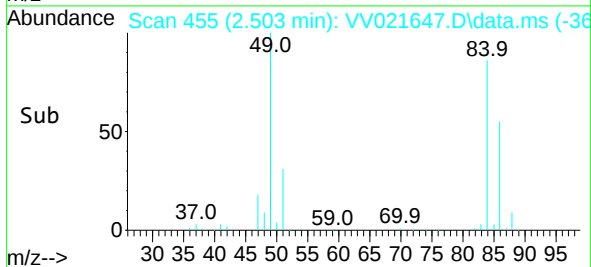
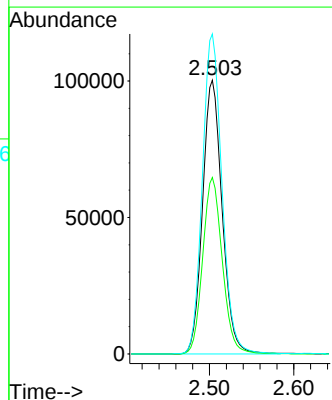
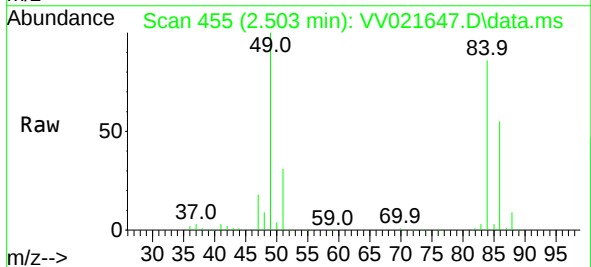
Instrument :
MSVOA_V
ClientSampled :

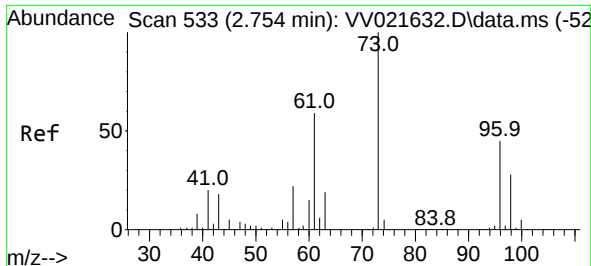
Tgt Ion: 43 Resp: 169622
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6



#16
Methylene chloride
Concen: 44.710 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 84 Resp: 162684
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 116.9 82.5 153.3

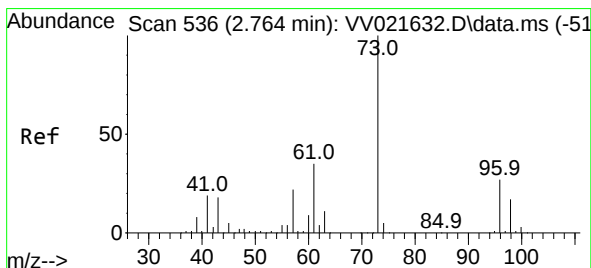
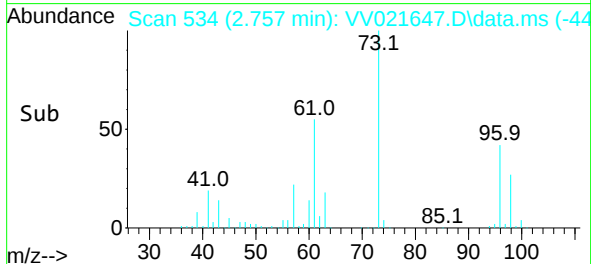
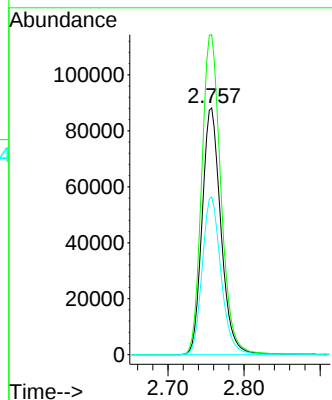
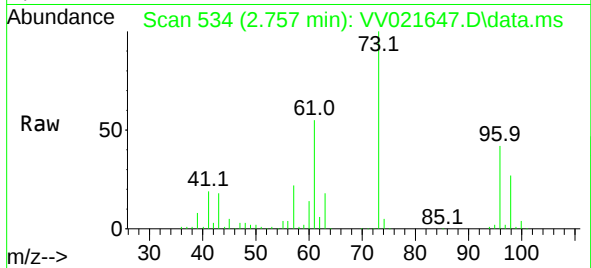




#17
trans-1,2-Dichloroethene
Concen: 46.215 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

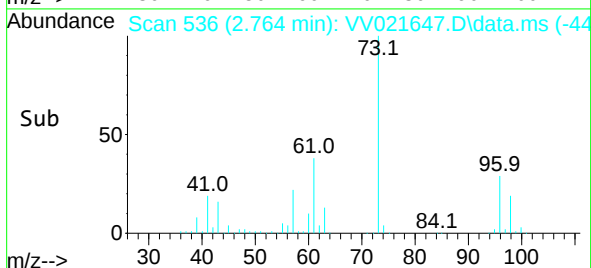
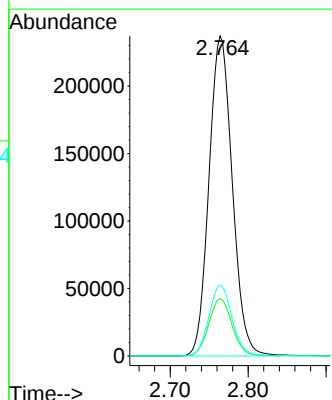
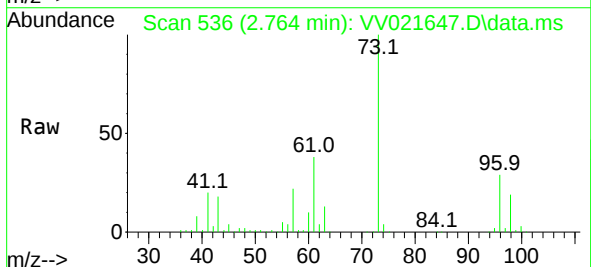
Instrument :
MSVOA_V
ClientSampleId :

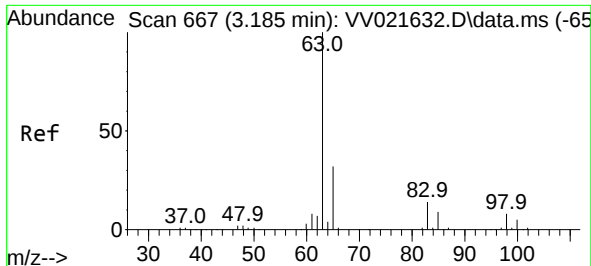
Tgt Ion: 96 Resp: 151127
Ion Ratio Lower Upper
96 100
61 129.7 93.0 172.6
98 64.0 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 46.473 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 73 Resp: 492204
Ion Ratio Lower Upper
73 100
43 17.9 14.6 22.0
57 22.0 17.4 26.2





#19

1,1-Dichloroethane

Concen: 46.906 ug/L

RT: 3.185 min Scan# 667

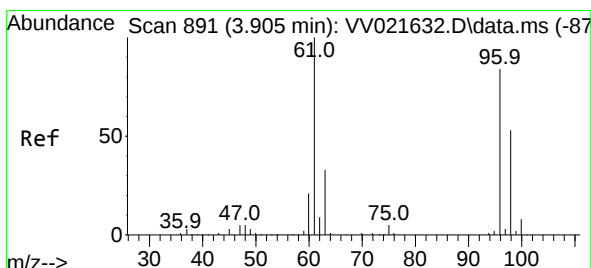
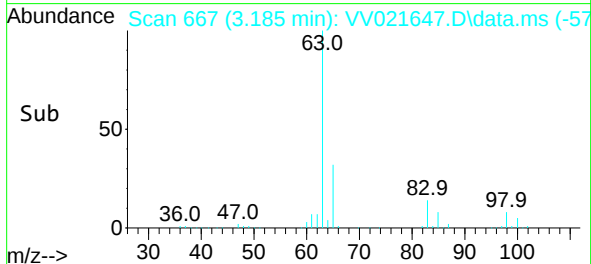
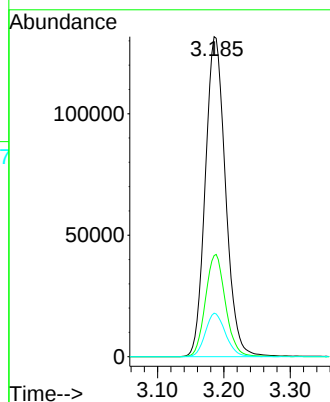
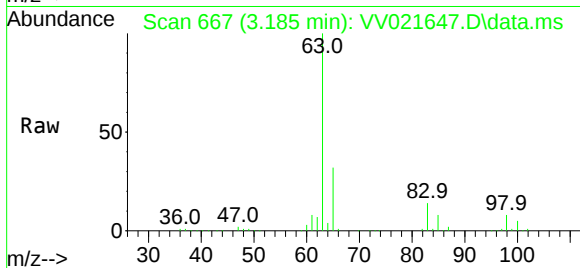
Delta R.T. 0.000 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion: 63 Resp: 279403

Ion	Ratio	Lower	Upper
63	100		
65	31.6	22.4	41.6
83	13.6	9.4	17.6



#20

cis-1,2-Dichloroethene

Concen: 46.338 ug/L

RT: 3.909 min Scan# 892

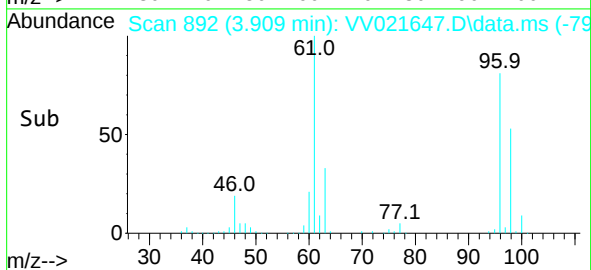
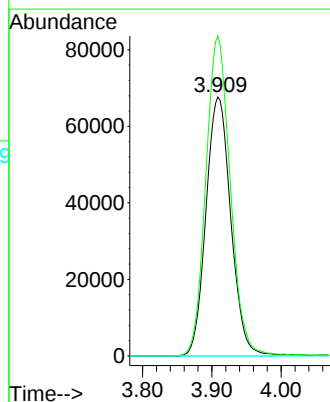
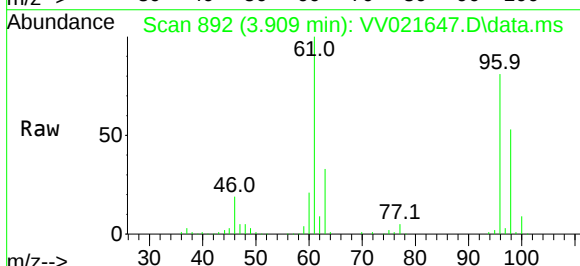
Delta R.T. 0.003 min

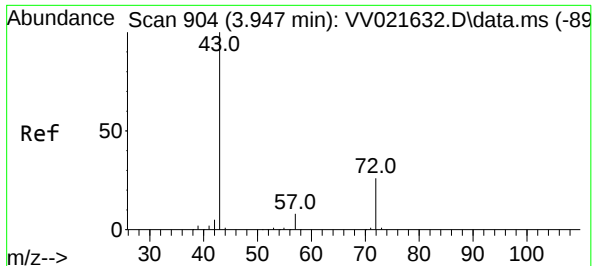
Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion: 96 Resp: 168498

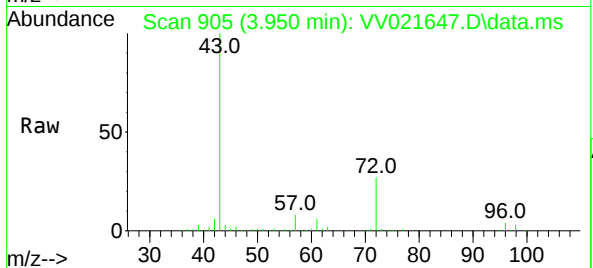
Ion	Ratio	Lower	Upper
96	100		
61	123.6	86.9	161.3
68	0.0	0.0	0.0



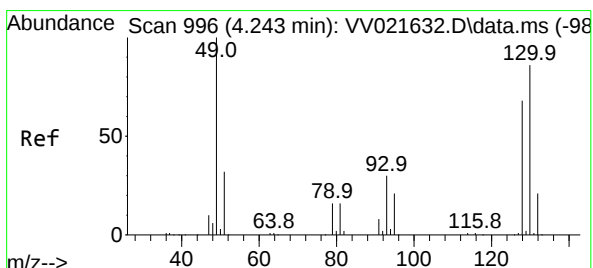
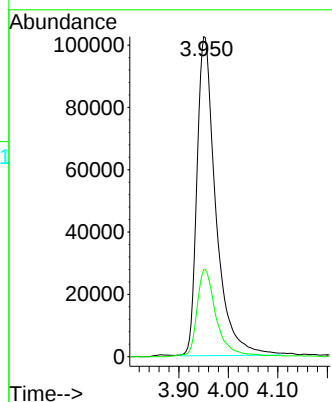
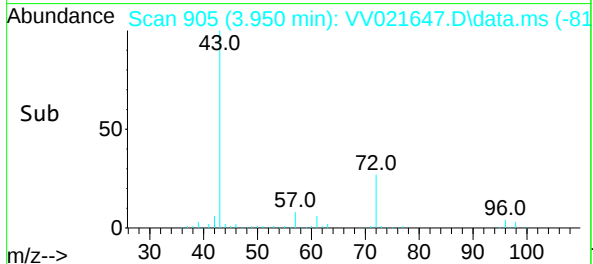


#22
2-Butanone
Concen: 93.921 ug/L
RT: 3.950 min Scan# 905
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

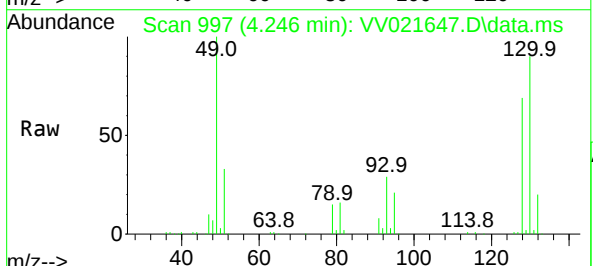
Instrument :
MSVOA_V
ClientSampled :



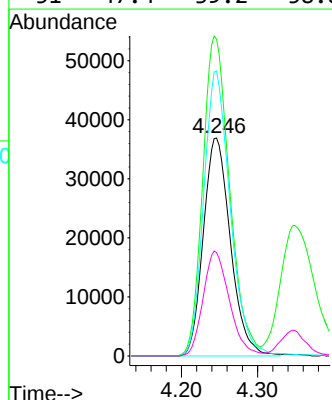
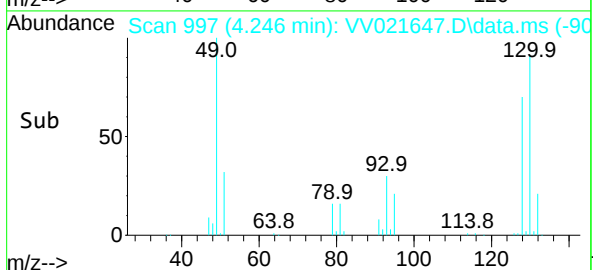
Tgt Ion: 43 Resp: 271956
Ion Ratio Lower Upper
43 100
72 28.1 13.3 39.8

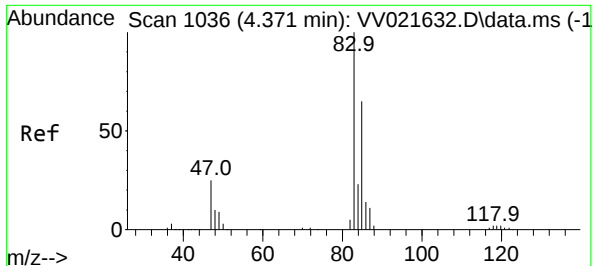


#23
Bromochloromethane
Concen: 47.573 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02



Tgt Ion: 128 Resp: 91308
Ion Ratio Lower Upper
128 100
49 145.4 107.5 199.7
130 130.7 92.2 171.2
51 47.4 39.2 58.8





#25

Chloroform

Concen: 46.721 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV021647.D

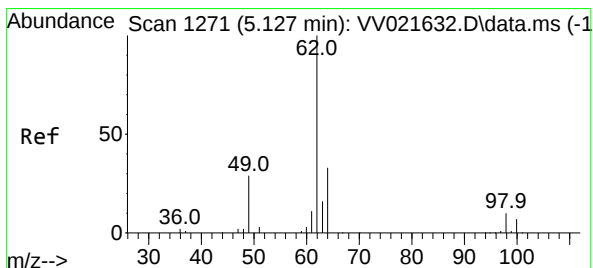
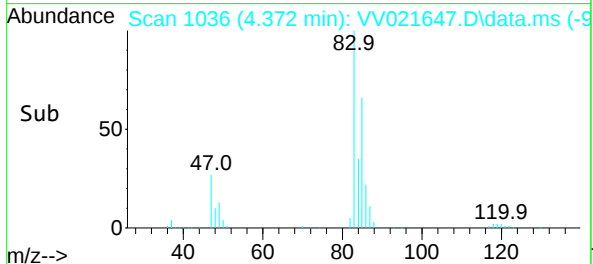
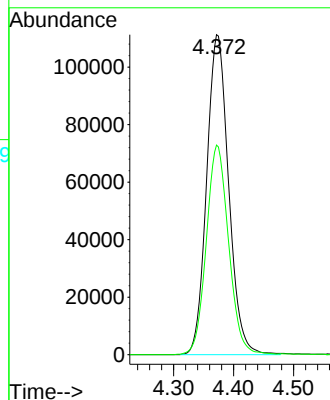
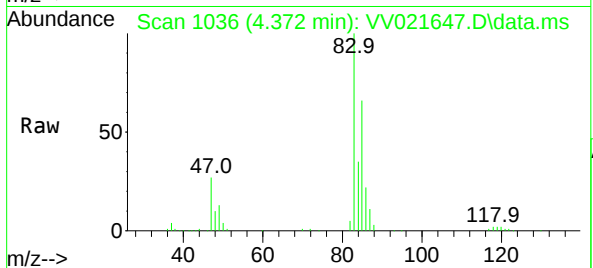
Acq: 14 Jul 2021 10:02

Tgt Ion: 83 Resp: 283727

Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.7



#27

1,2-Dichloroethane

Concen: 46.272 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV021647.D

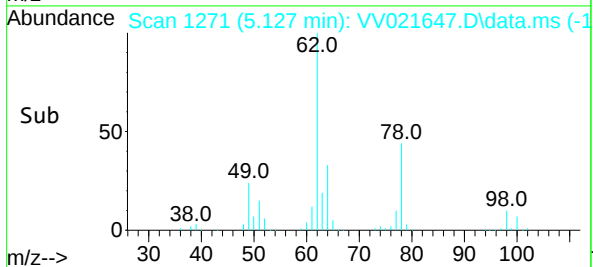
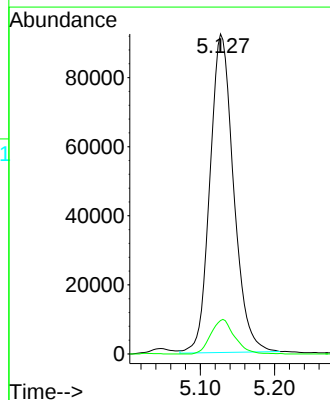
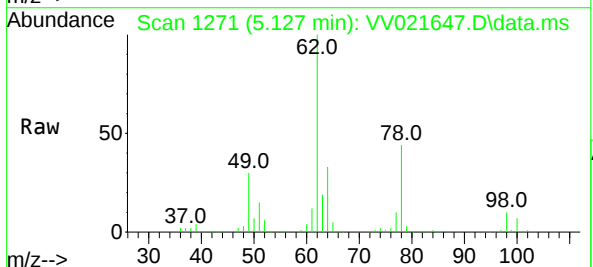
Acq: 14 Jul 2021 10:02

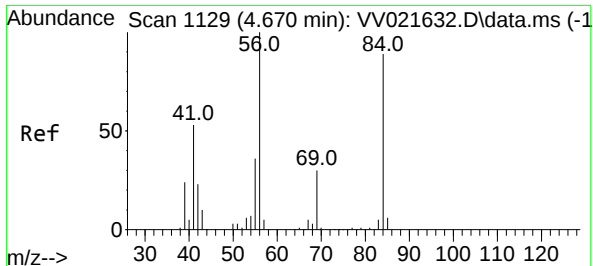
Tgt Ion: 62 Resp: 204384

Ion Ratio Lower Upper

62 100

98 10.5 8.2 12.4





#29

Cyclohexane

Concen: 45.281 ug/L

RT: 4.674 min Scan# 1130

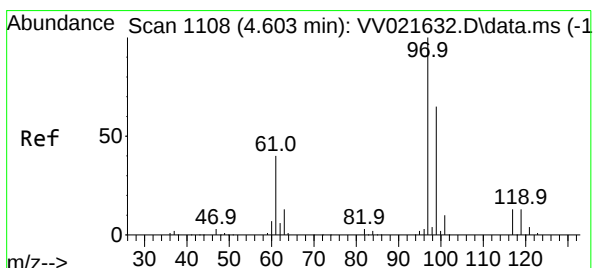
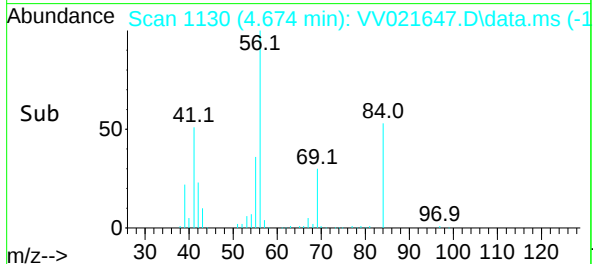
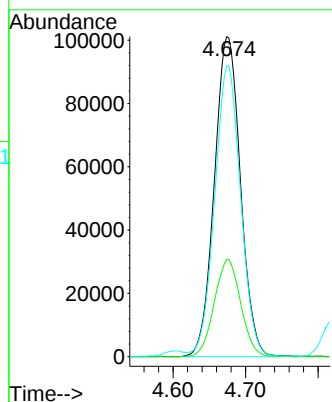
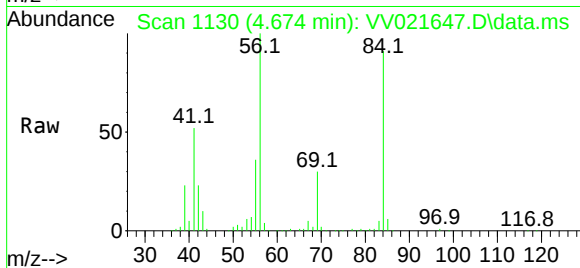
Delta R.T. 0.003 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	56	Resp:	252876
Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	90.5	71.6	107.4



#30

1,1,1-Trichloroethane

Concen: 45.937 ug/L

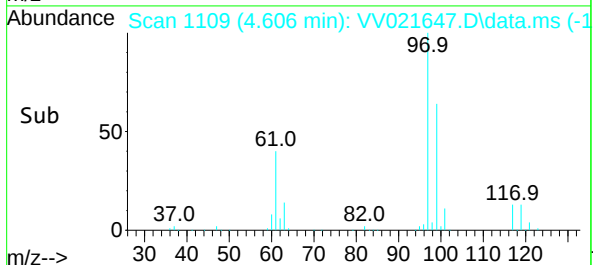
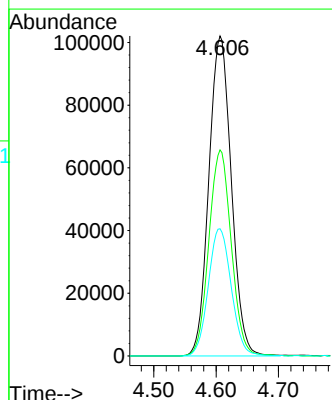
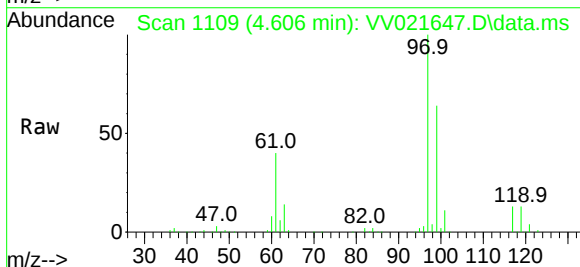
RT: 4.606 min Scan# 1109

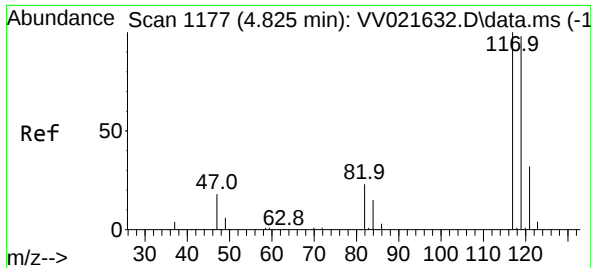
Delta R.T. 0.003 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion:	97	Resp:	255423
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.1	78.1
61	40.7	32.6	49.0

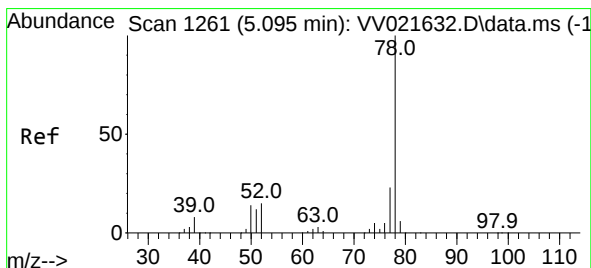
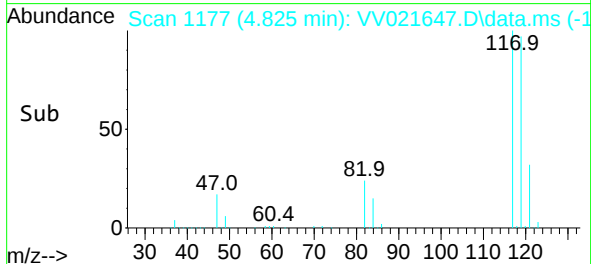
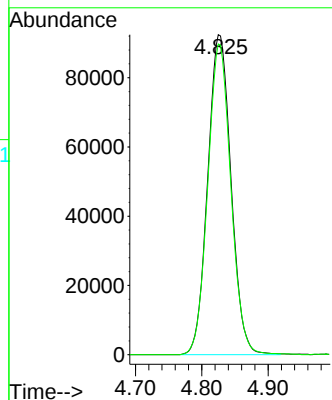
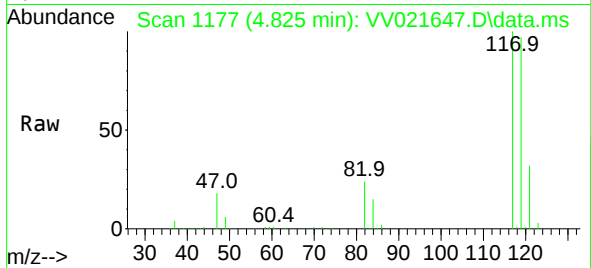




#31
Carbon tetrachloride
Concen: 46.083 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

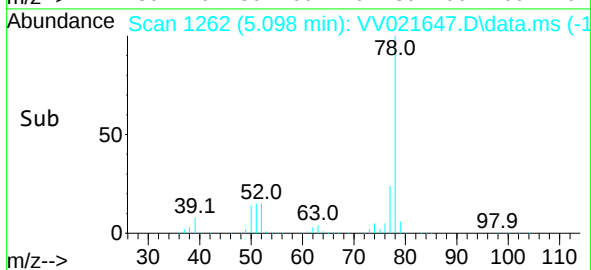
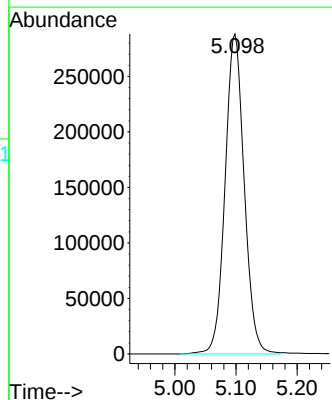
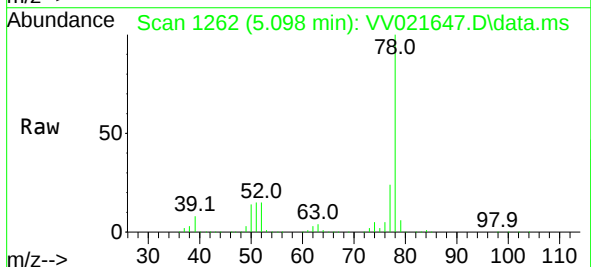
Instrument :
MSVOA_V
ClientSampled :

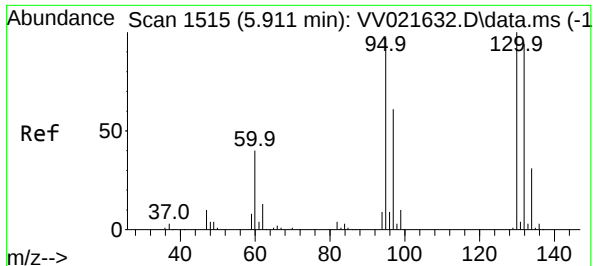
Tgt Ion:117 Resp: 225665
Ion Ratio Lower Upper
117 100
119 96.1 76.5 114.7



#33
Benzene
Concen: 46.520 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 78 Resp: 626140



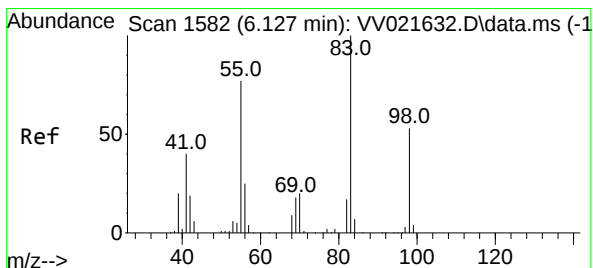
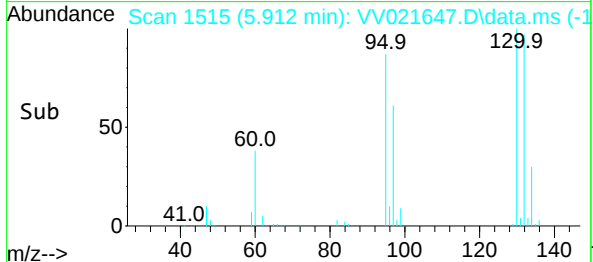
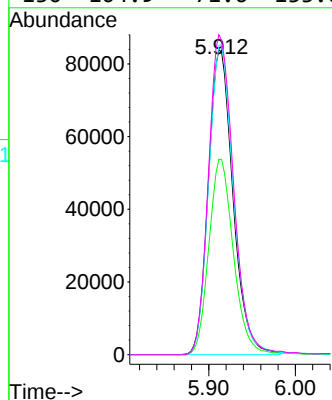
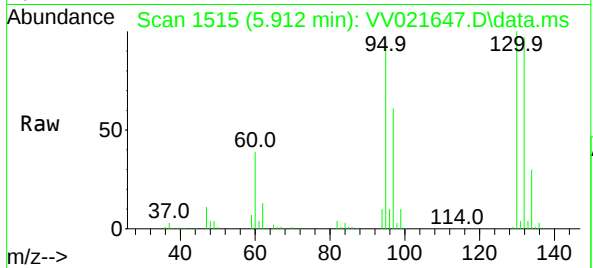


#34
Trichloroethene
Concen: 45.561 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 165762

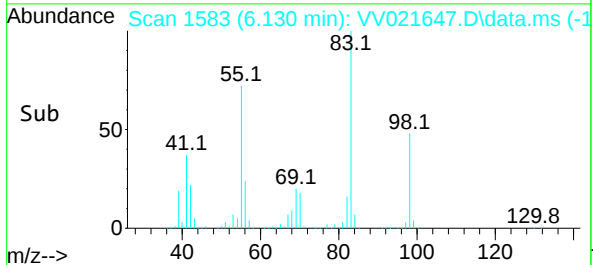
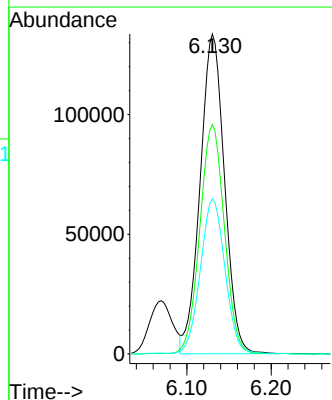
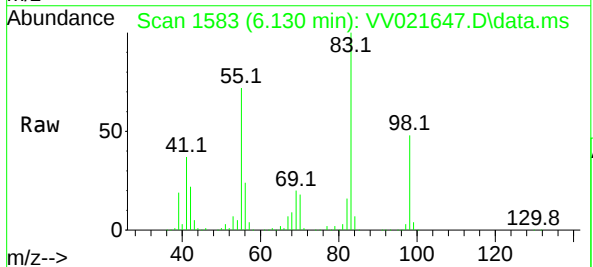
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.6	82.8
132	101.4	69.0	128.1
130	104.9	71.6	133.0

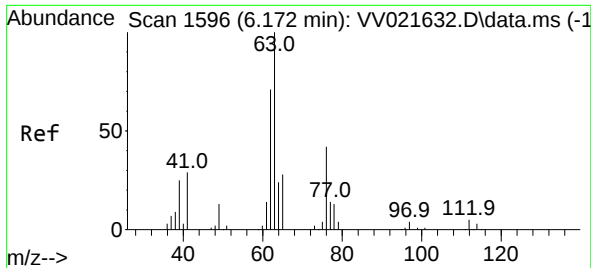


#35
Methylcyclohexane
Concen: 46.537 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 83 Resp: 268808

Ion	Ratio	Lower	Upper
83	100		
55	72.0	58.7	88.1
98	49.2	39.7	59.5

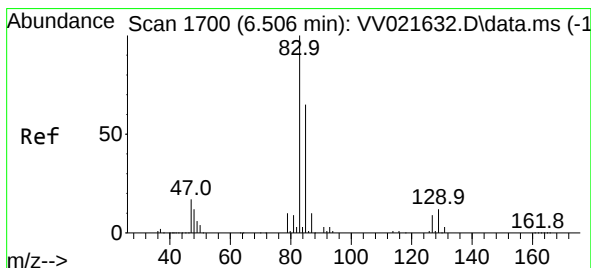
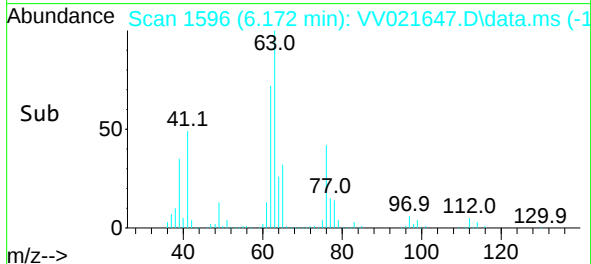
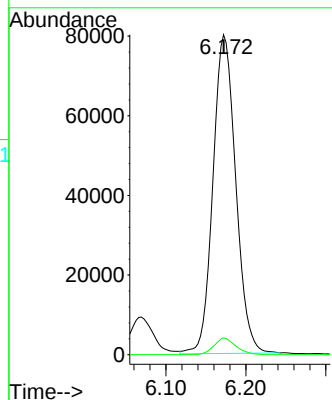
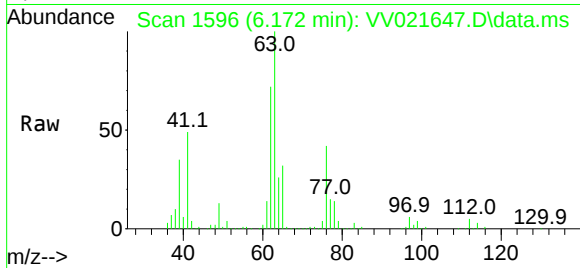




#37
1,2-Dichloropropane
Concen: 45.232 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

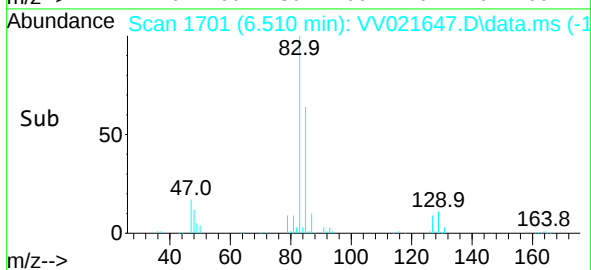
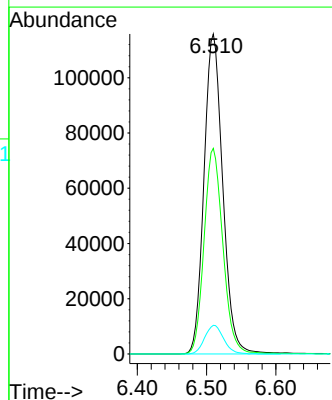
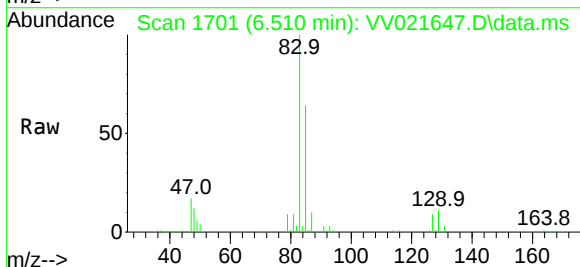
Instrument :
MSVOA_V
ClientSampled :

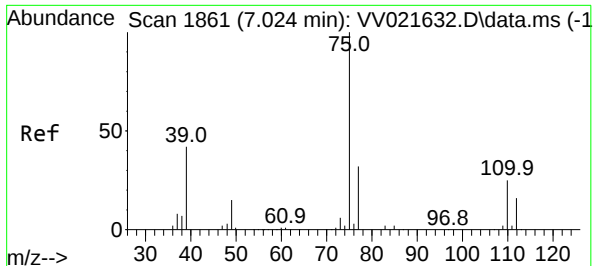
Tgt Ion: 63 Resp: 158244
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6



#38
Bromodichloromethane
Concen: 46.007 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 83 Resp: 217522
Ion Ratio Lower Upper
83 100
85 64.2 46.3 86.1
127 8.9 7.3 10.9

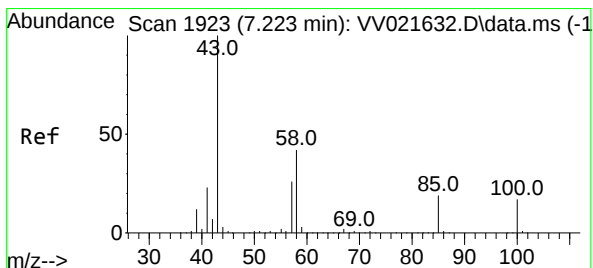
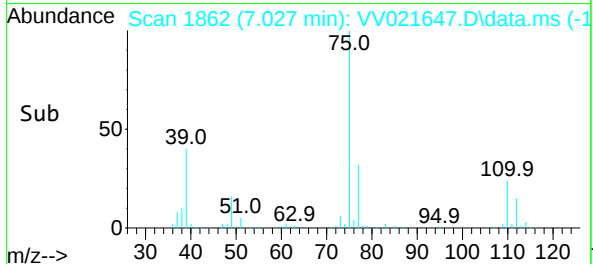
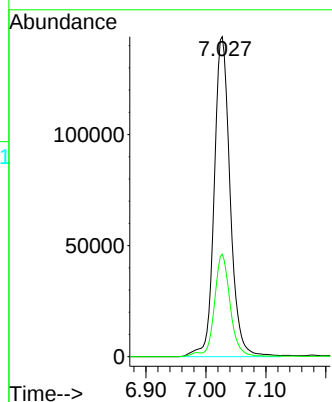
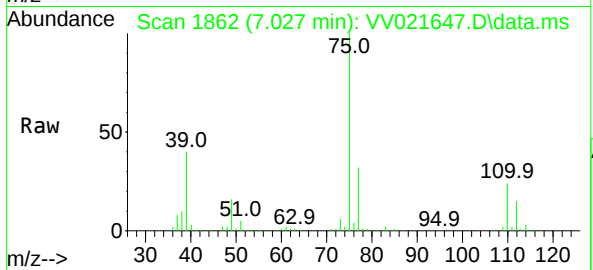




#39
cis-1,3-Dichloropropene
Concen: 46.178 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

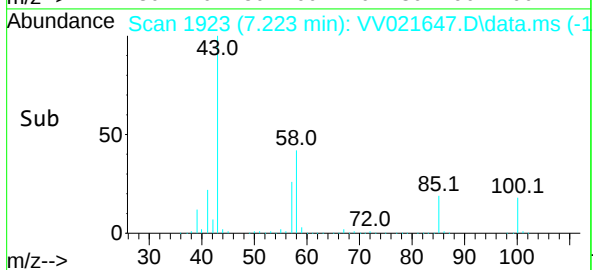
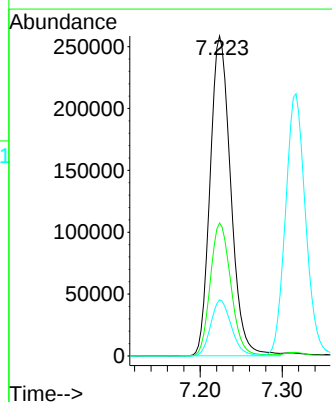
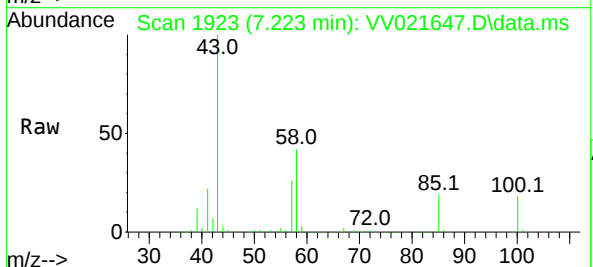
Instrument :
MSVOA_V
ClientSampled :

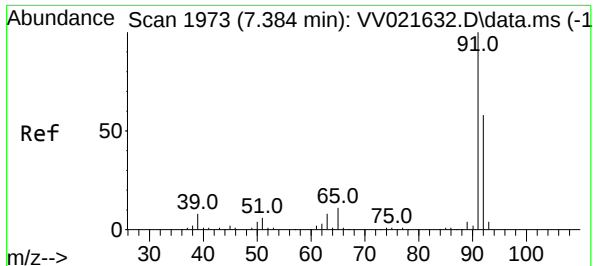
Tgt Ion: 75 Resp: 266413
Ion Ratio Lower Upper
75 100
77 32.0 22.5 41.7



#40
4-Methyl-2-pentanone
Concen: 87.945 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 43 Resp: 451647
Ion Ratio Lower Upper
43 100
58 41.6 32.8 49.2
100 17.4 13.5 20.3

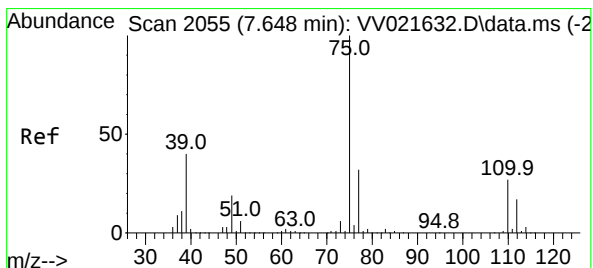
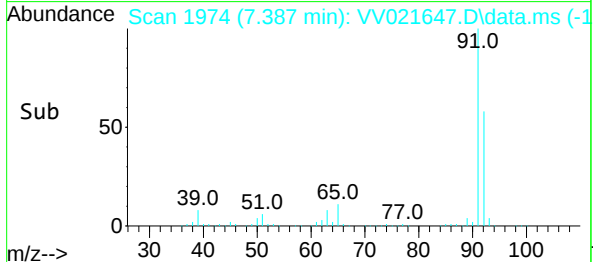
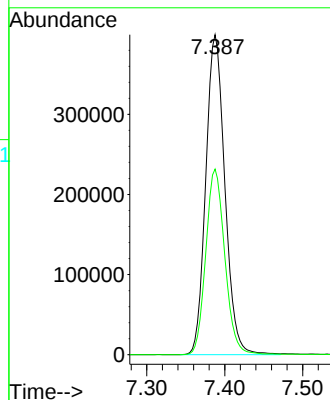
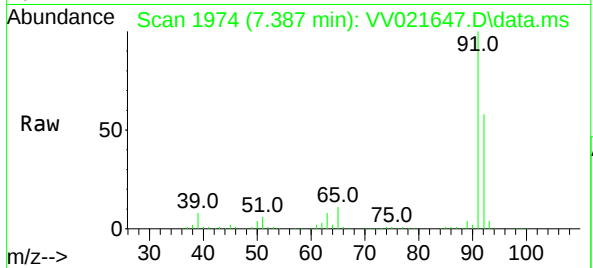




#42
Toluene
Concen: 47.230 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

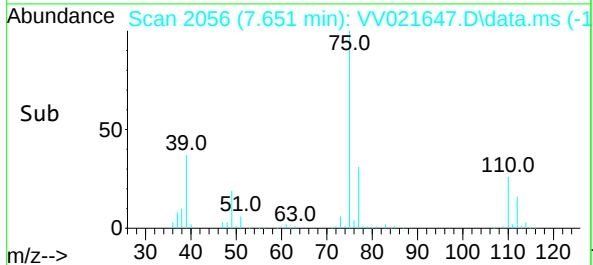
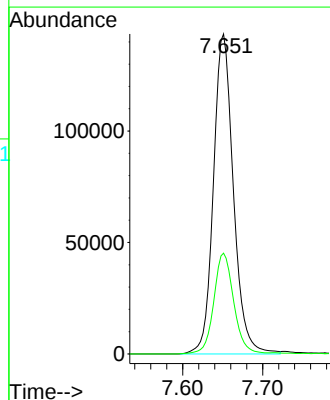
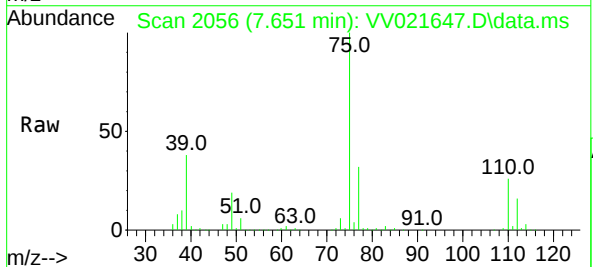
Instrument :
MSVOA_V
ClientSampled :

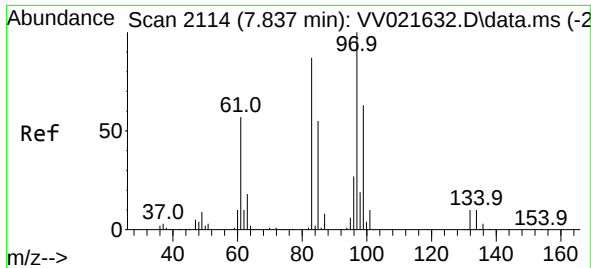
Tgt Ion: 91 Resp: 680907
Ion Ratio Lower Upper
91 100
92 58.0 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 46.190 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

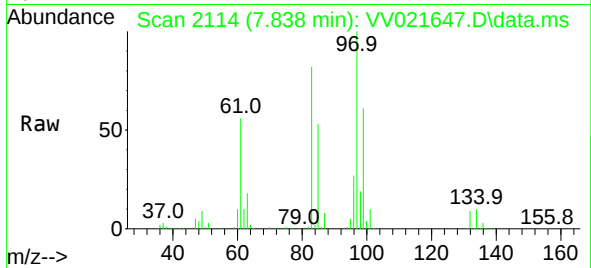
Tgt Ion: 75 Resp: 248853
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4



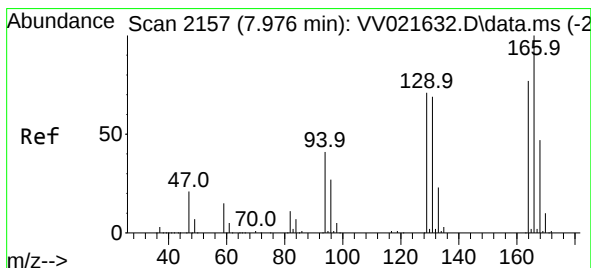
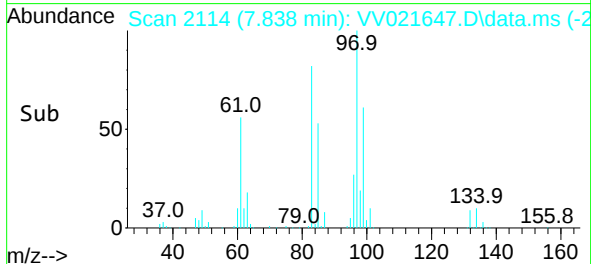
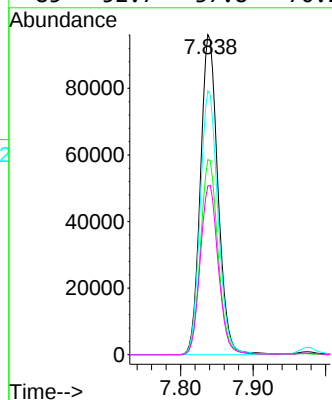


#45
1,1,2-Trichloroethane
Concen: 46.942 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

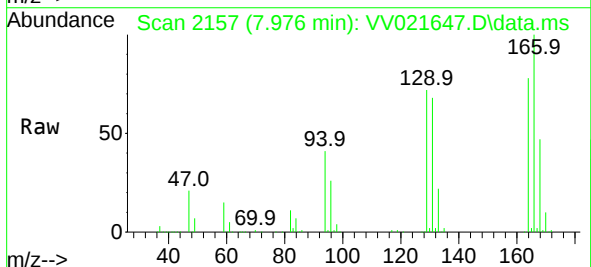
Instrument :
MSVOA_V
ClientSampled :



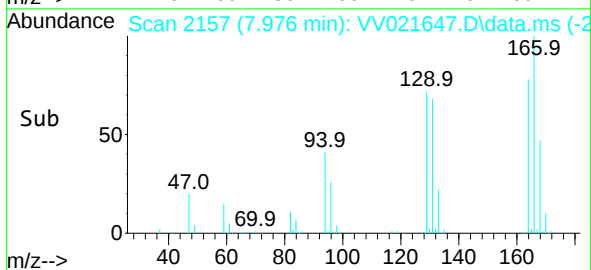
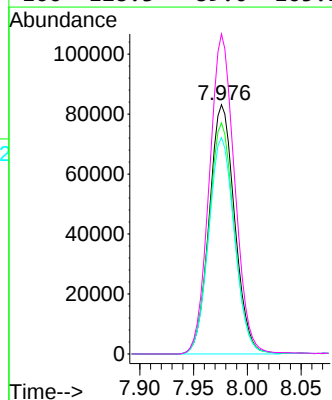
Tgt Ion:	97	Resp:	161335
Ion	Ratio	Lower	Upper
97	100		
99	60.9	44.4	82.4
83	82.5	58.8	109.2
85	52.7	37.8	70.2

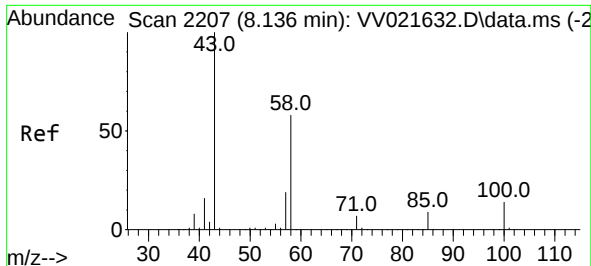


#46
Tetrachloroethene
Concen: 47.355 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02



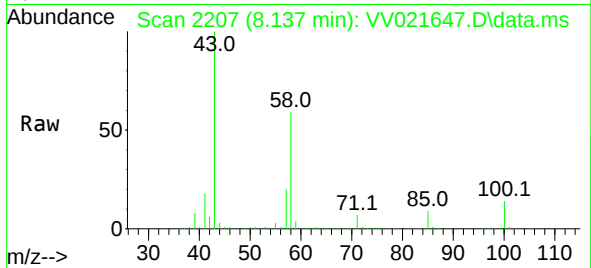
Tgt Ion:	164	Resp:	137030
Ion	Ratio	Lower	Upper
164	100		
129	92.7	65.9	122.3
131	86.8	64.0	119.0
166	128.3	89.0	165.2



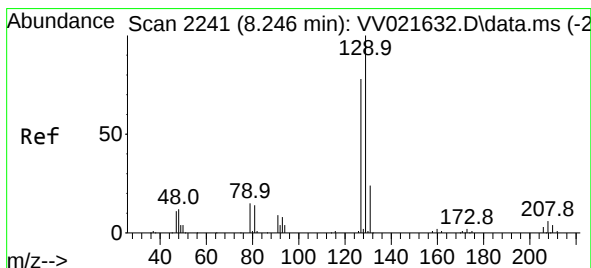
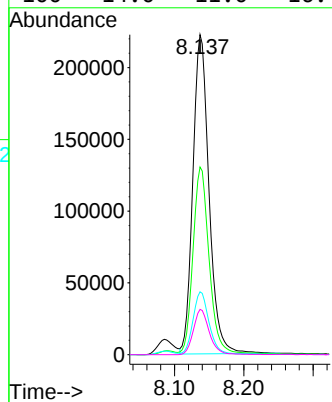
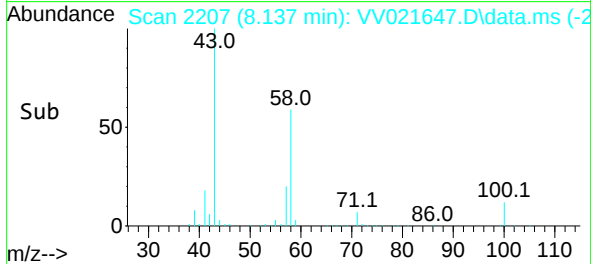


#48
2-Hexanone
Concen: 89.020 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

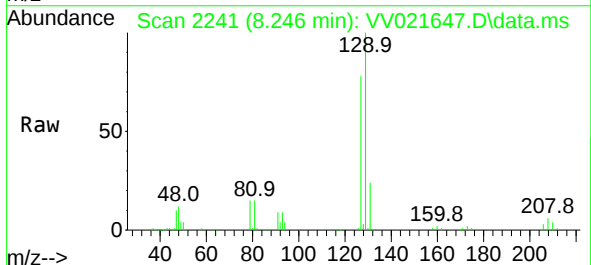
Instrument :
MSVOA_V
ClientSampled :



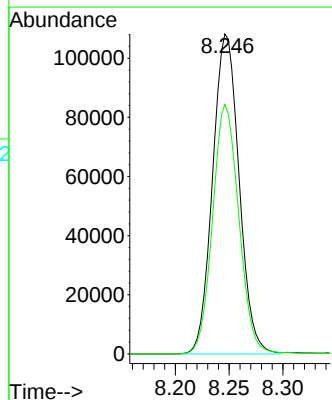
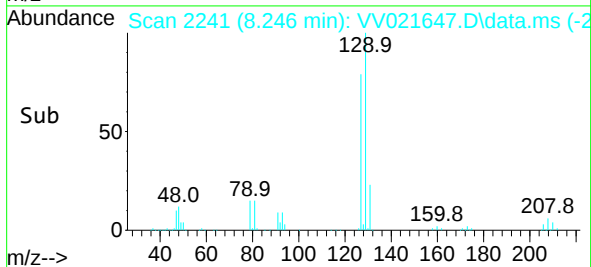
Tgt Ion	Ratio	Lower	Upper
43	100		
58	57.6	46.7	70.1
57	19.4	15.5	23.3
100	14.0	11.0	16.4

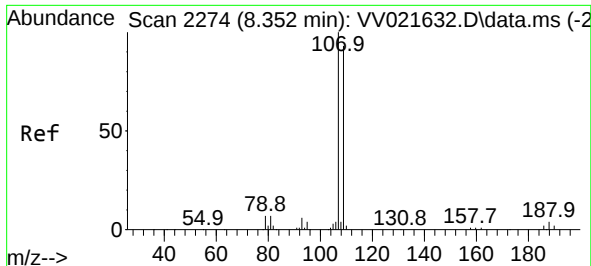


#49
Dibromochloromethane
Concen: 46.808 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02



Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	53.1	98.7





#50

1,2-Dibromoethane

Concen: 45.838 ug/L

RT: 8.352 min Scan# 2274

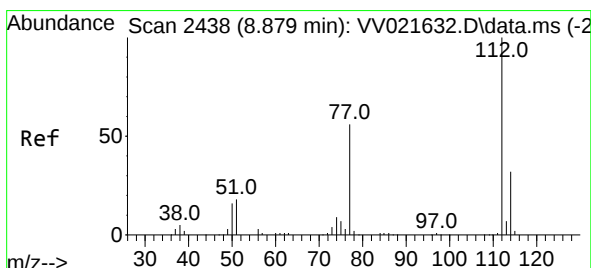
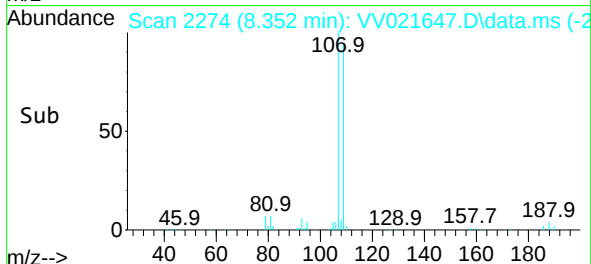
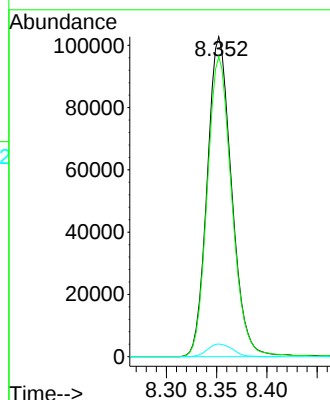
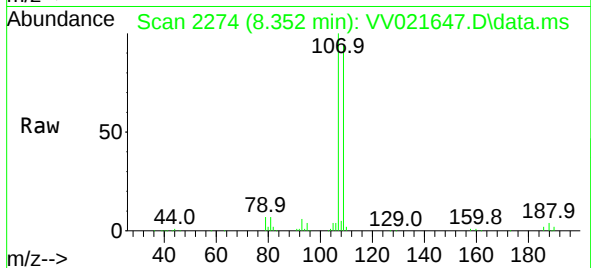
Delta R.T. 0.000 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion:	107	Resp:	172735
Ion	Ratio	Lower	Upper
107	100		
109	93.8	65.8	122.2
188	4.0	3.1	4.7

Instrument :
MSVOA_V
ClientSampleId :



#51

Chlorobenzene

Concen: 47.298 ug/L

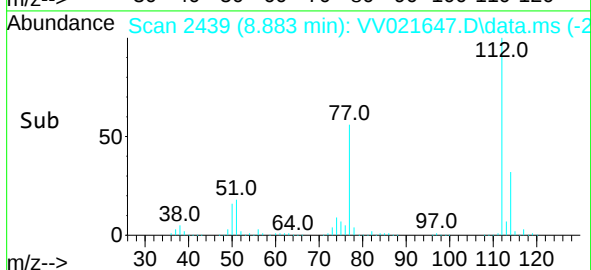
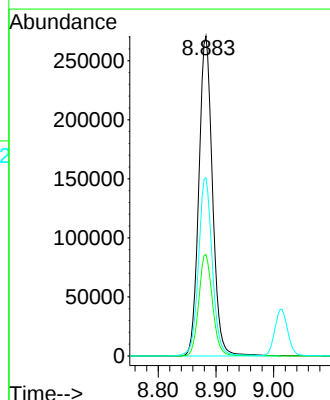
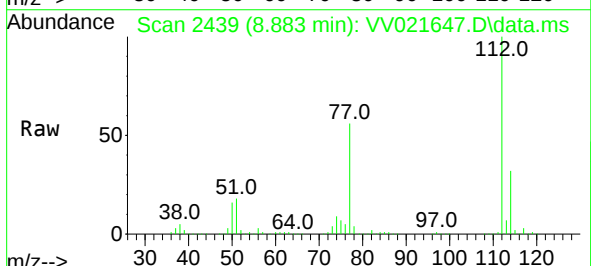
RT: 8.883 min Scan# 2439

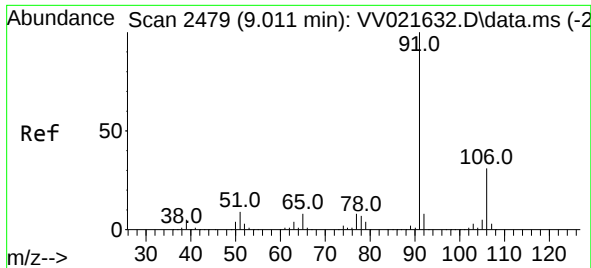
Delta R.T. 0.003 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion:	112	Resp:	443743
Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.9	40.7
77	55.6	44.0	66.0

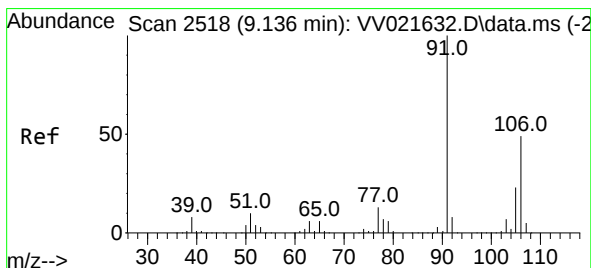
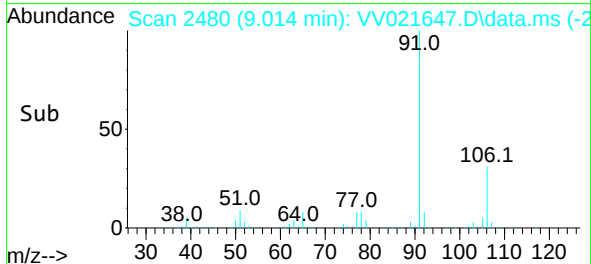
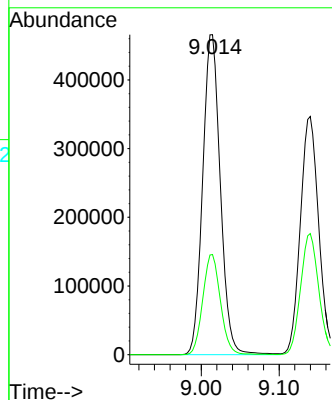
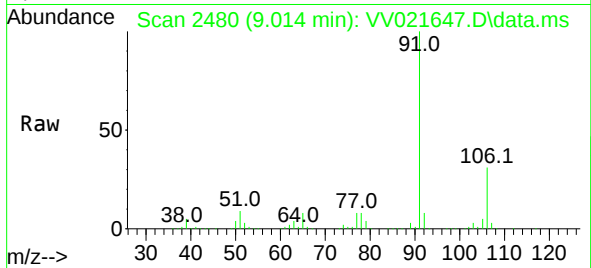




#52
Ethylbenzene
Concen: 46.773 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

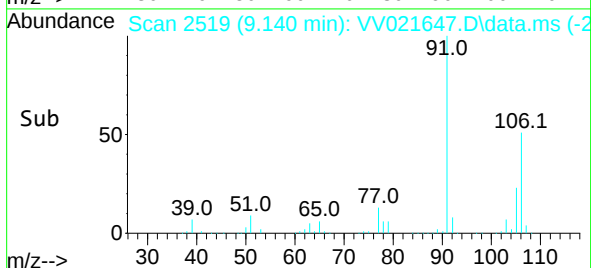
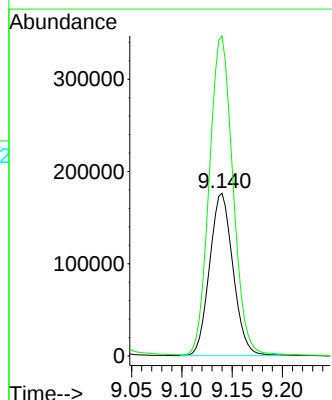
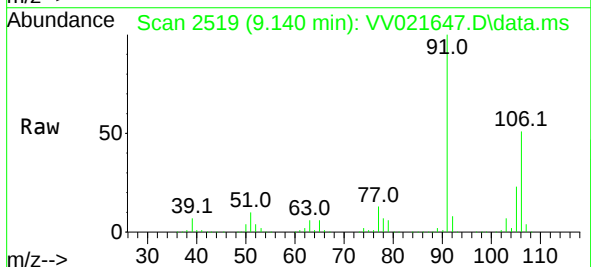
Instrument :
MSVOA_V
ClientSampled :

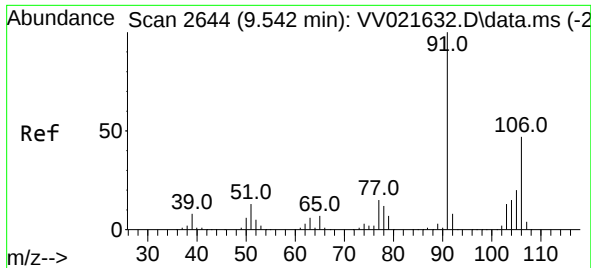
Tgt Ion: 91 Resp: 732580
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 47.512 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 106 Resp: 285578
Ion Ratio Lower Upper
106 100
91 196.7 138.7 257.5

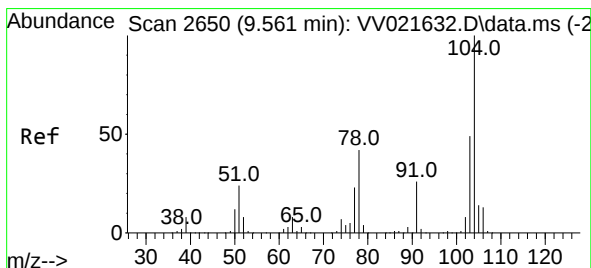
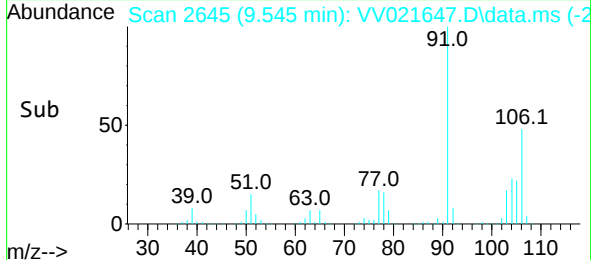
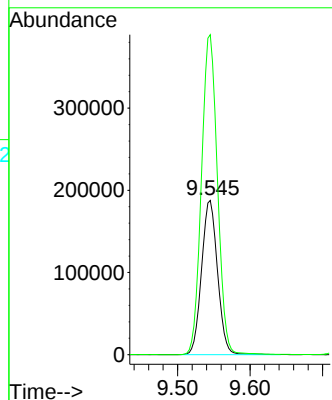
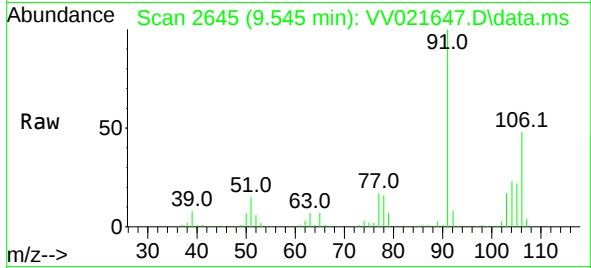




#54
o-Xylene
Concen: 47.788 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

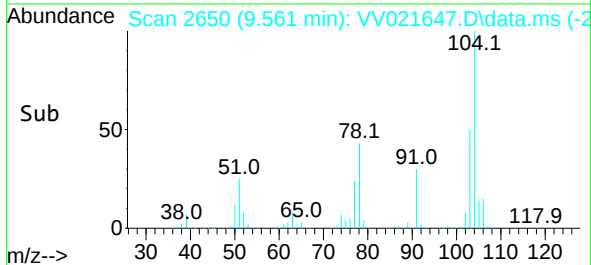
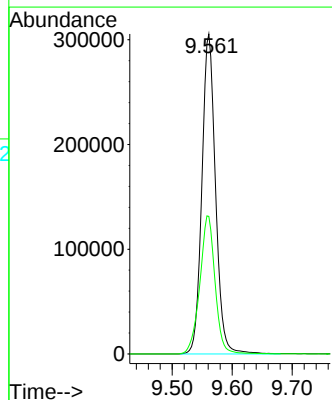
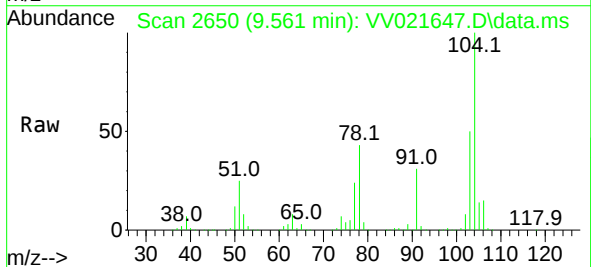
Instrument :
MSVOA_V
ClientSampled :

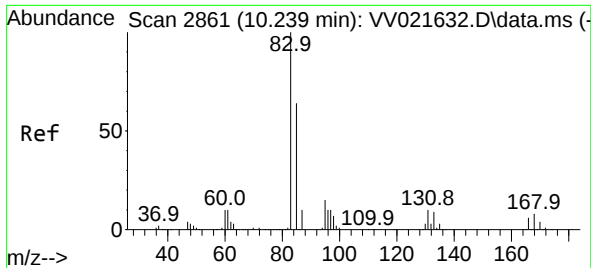
Tgt Ion:106 Resp: 286562
Ion Ratio Lower Upper
106 100
91 207.4 149.0 276.8



#55
Styrene
Concen: 47.880 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion:104 Resp: 485156
Ion Ratio Lower Upper
104 100
78 43.0 30.6 56.8

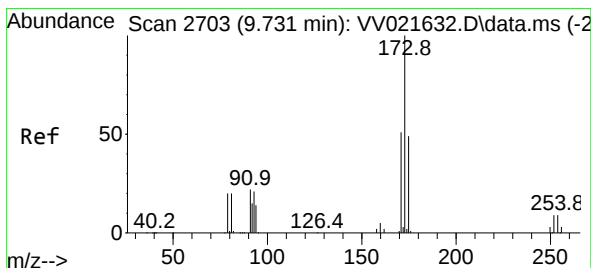
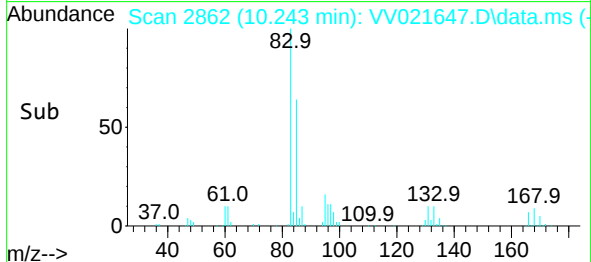
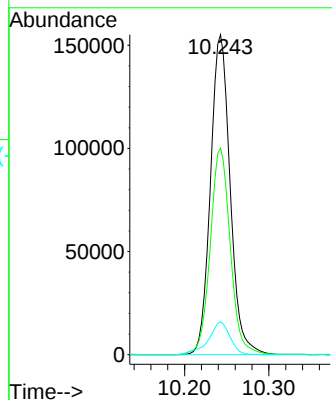
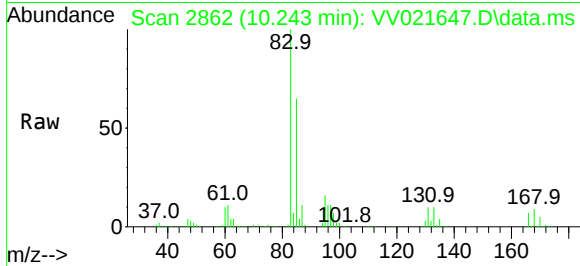




#57
1,1,2,2-Tetrachloroethane
Concen: 46.975 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

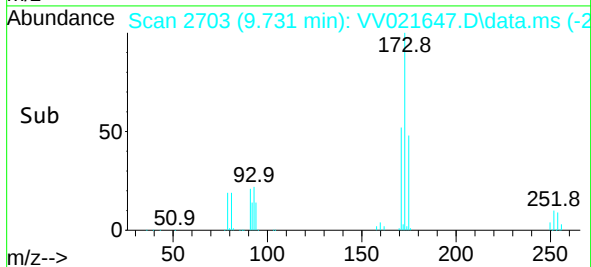
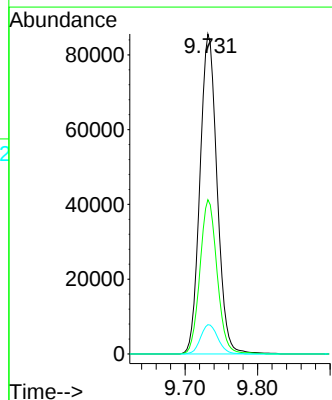
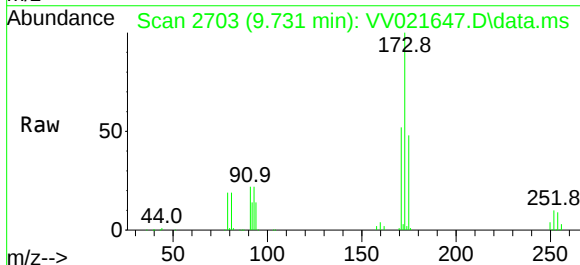
Instrument :
MSVOA_V
ClientSampleId :

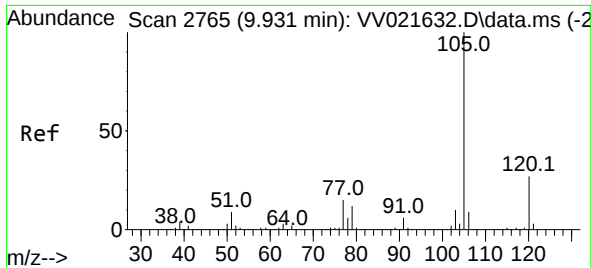
Tgt Ion:	83	Resp:	251674
Ion	Ratio	Lower	Upper
83	100		
85	64.6	45.0	83.6
131	10.3	8.4	12.6



#59
Bromoform
Concen: 45.464 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion:	173	Resp:	140491
Ion	Ratio	Lower	Upper
173	100		
175	48.0	39.0	58.6
254	9.3	7.0	10.6

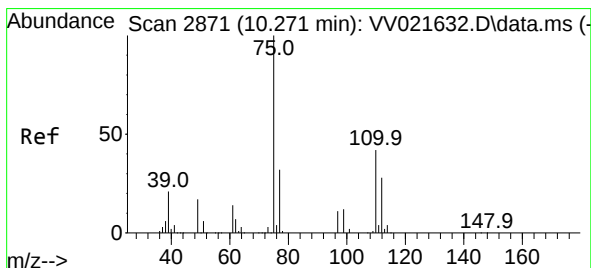
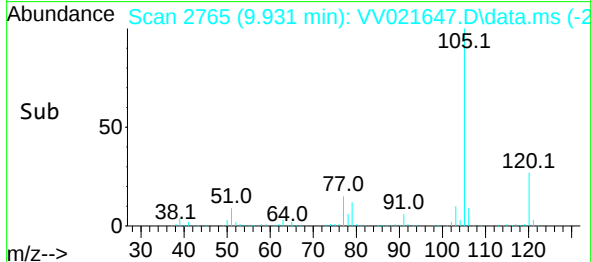
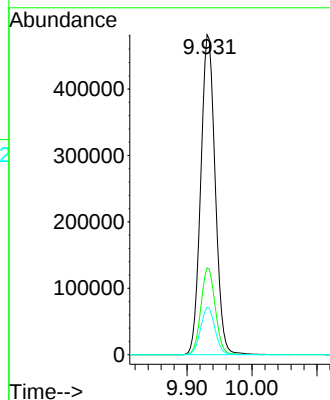
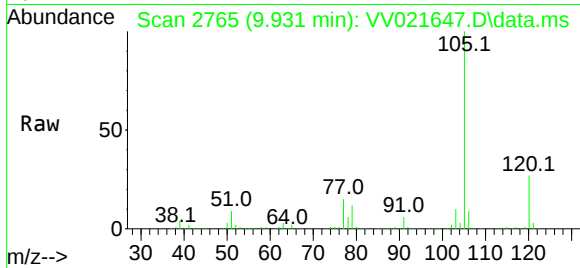




#60
Isopropylbenzene
Concen: 45.477 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

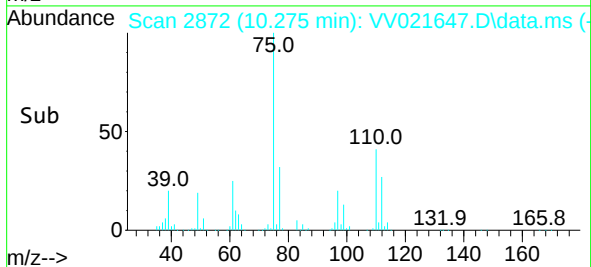
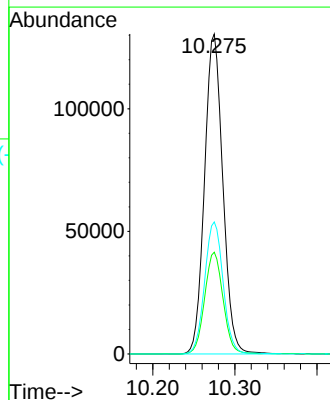
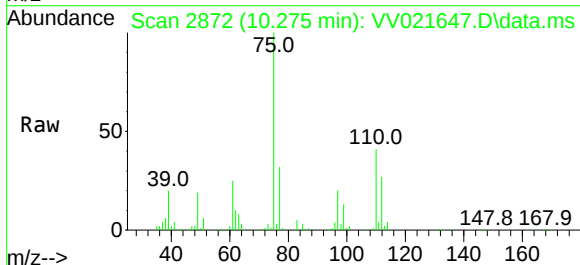
Instrument :
MSVOA_V
ClientSampleId :

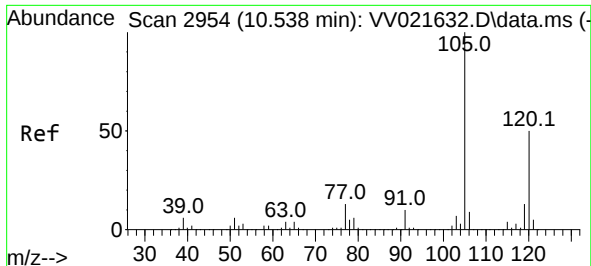
Tgt Ion:105 Resp: 745766
Ion Ratio Lower Upper
105 100
120 27.0 21.5 32.3
77 14.8 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 43.482 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 75 Resp: 202093
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 41.6 33.0 49.6

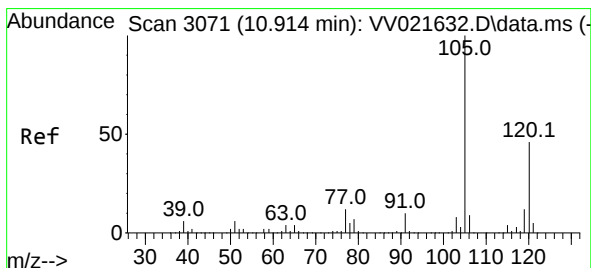
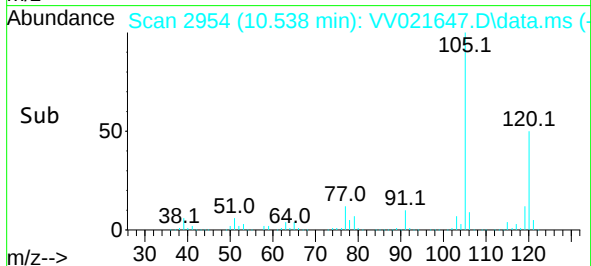
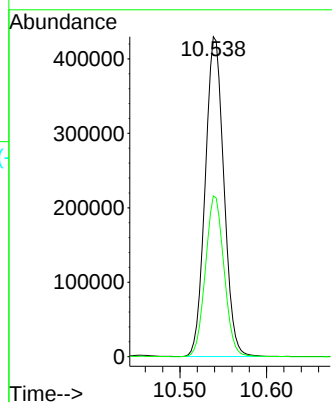
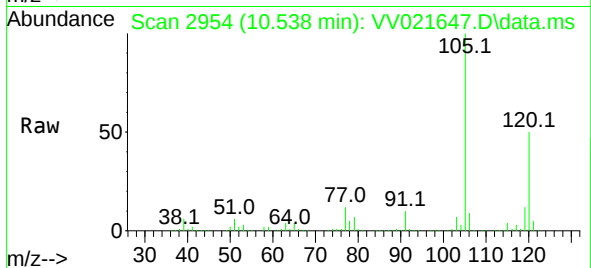




#62
1,3,5-Trimethylbenzene
Concen: 45.992 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

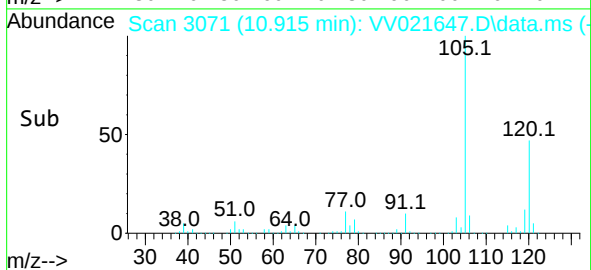
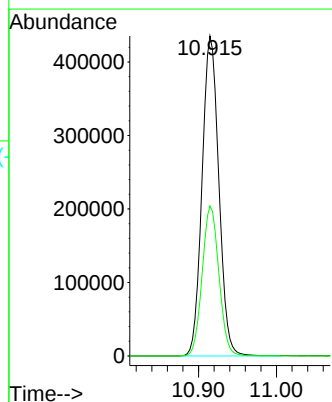
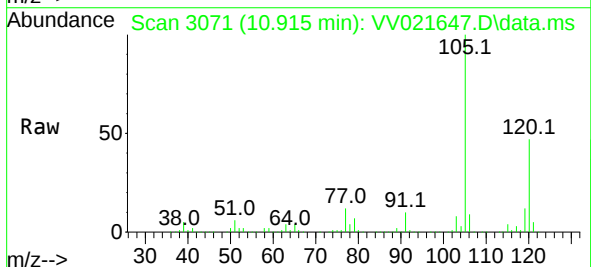
Instrument :
MSVOA_V
ClientSampled :

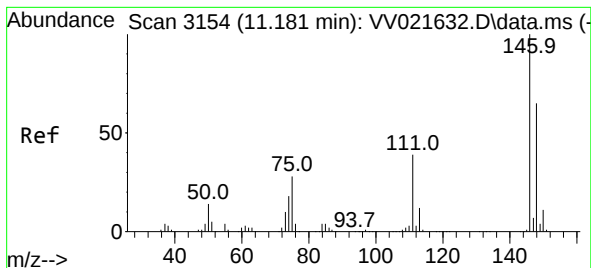
Tgt Ion:105 Resp: 642783
Ion Ratio Lower Upper
105 100
120 50.2 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 45.969 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion:105 Resp: 650179
Ion Ratio Lower Upper
105 100
120 46.7 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 46.801 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.000 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

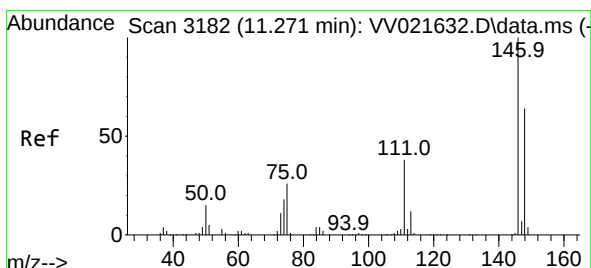
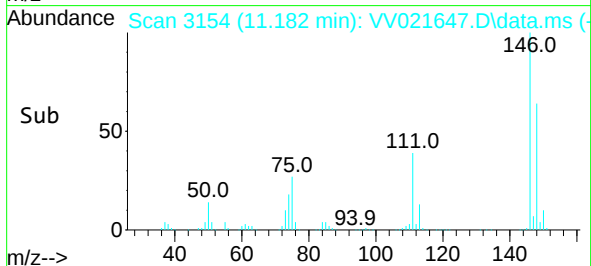
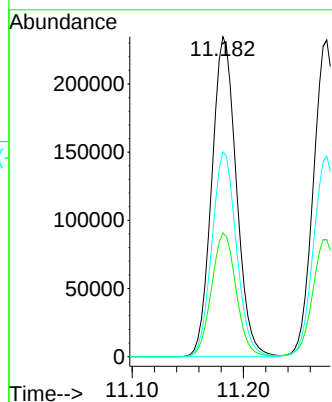
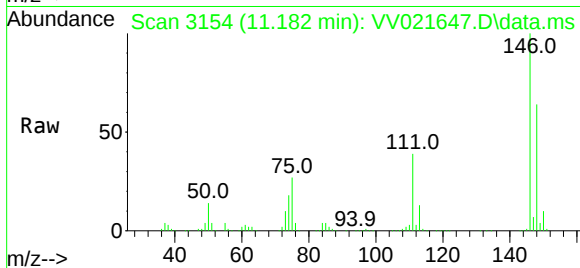
Tgt Ion:146 Resp: 360898

Ion Ratio Lower Upper

146 100

111 38.6 27.3 50.7

148 64.1 44.2 82.0



#65

1,4-Dichlorobenzene

Concen: 46.607 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

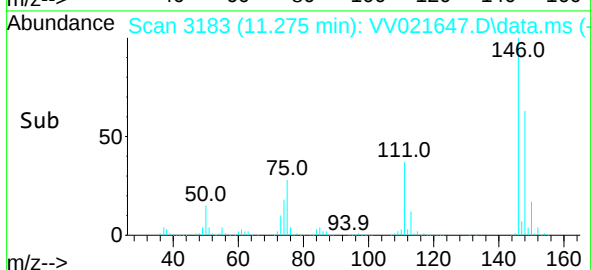
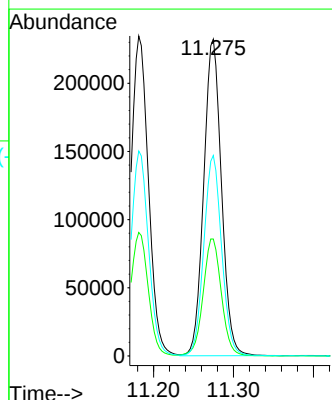
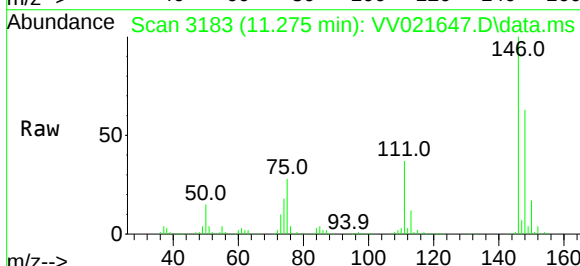
Tgt Ion:146 Resp: 359225

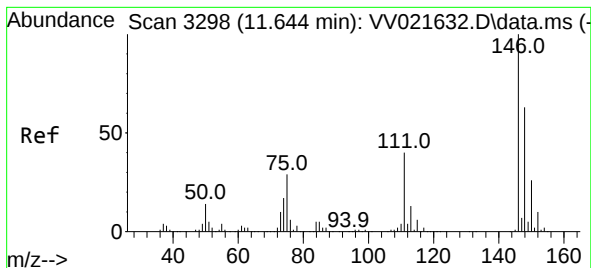
Ion Ratio Lower Upper

146 100

111 36.9 26.6 49.4

148 63.3 45.2 84.0

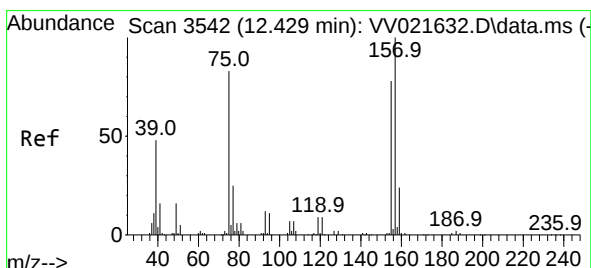
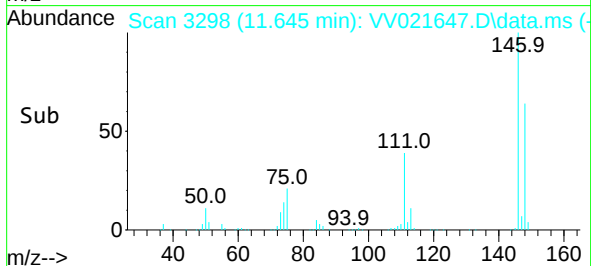
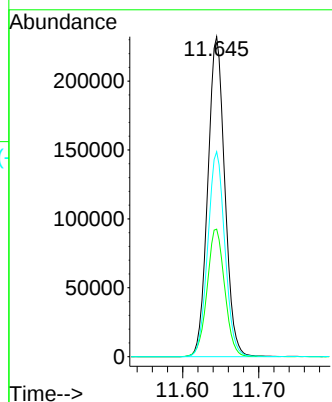
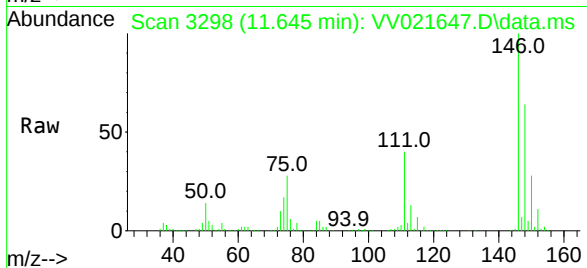




#67
1,2-Dichlorobenzene
Concen: 46.585 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

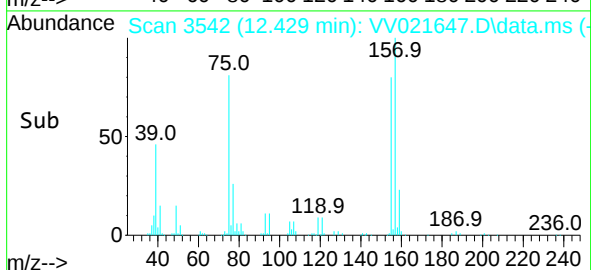
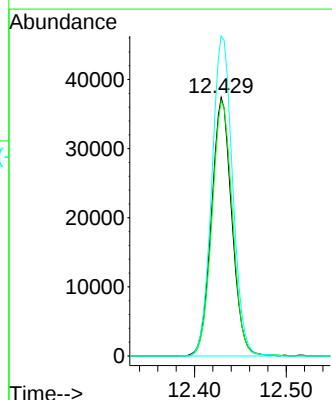
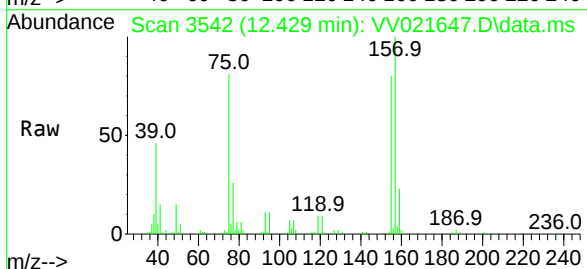
Instrument :
MSVOA_V
ClientSampleId :

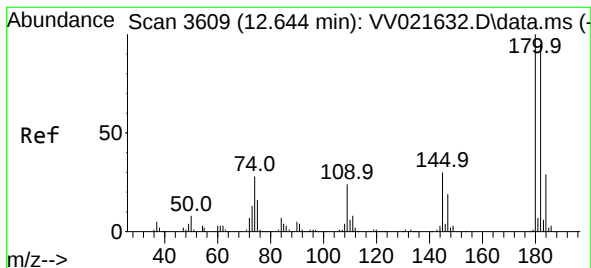
Tgt Ion:146 Resp: 360010
Ion Ratio Lower Upper
146 100
111 39.9 32.6 48.8
148 64.1 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 41.936 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion: 75 Resp: 57781
Ion Ratio Lower Upper
75 100
155 98.6 75.9 113.9
157 123.8 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 47.120 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.003 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

Tgt Ion:180 Resp: 271538

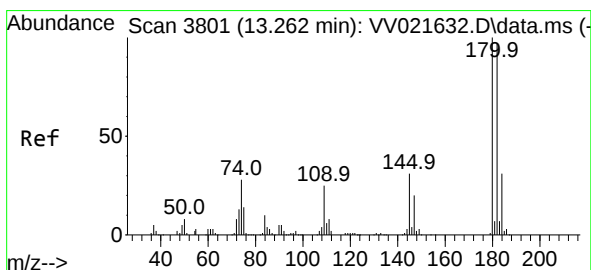
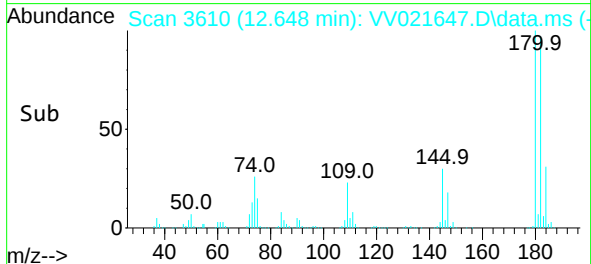
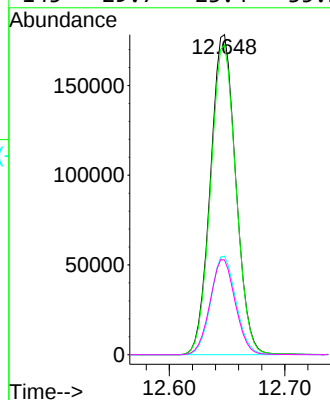
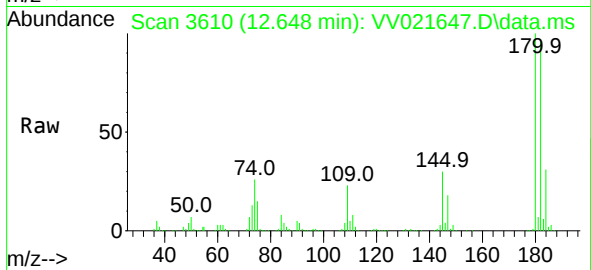
Ion Ratio Lower Upper

180 100

182 96.6 75.0 112.4

184 30.6 23.8 35.6

145 29.7 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 47.432 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV021647.D

Acq: 14 Jul 2021 10:02

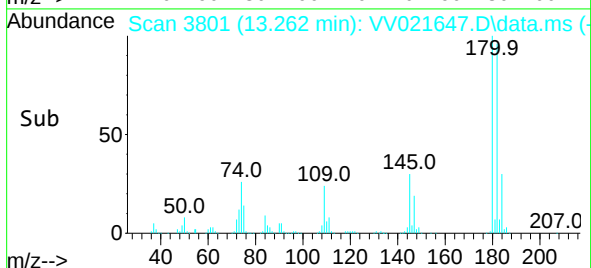
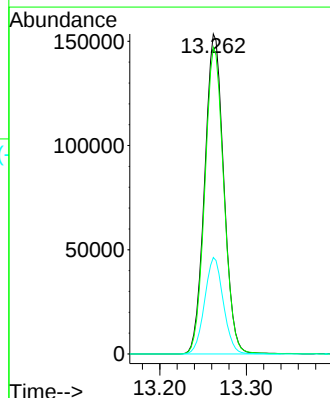
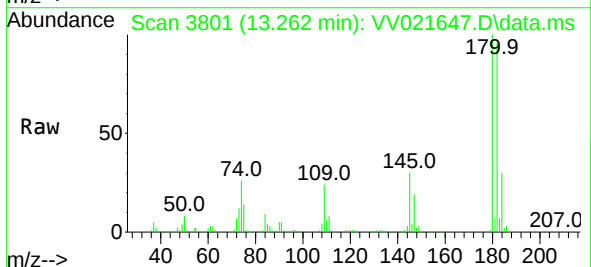
Tgt Ion:180 Resp: 235073

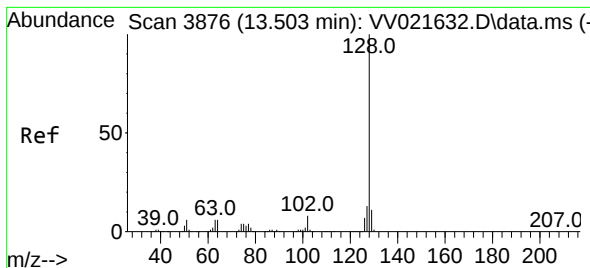
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

145 29.6 24.1 36.1

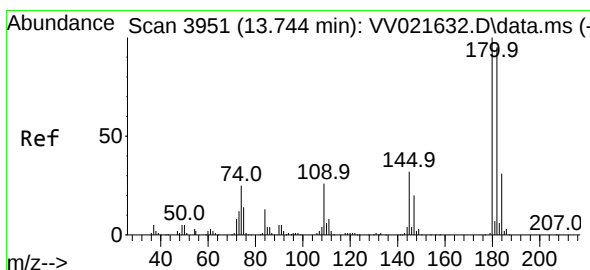
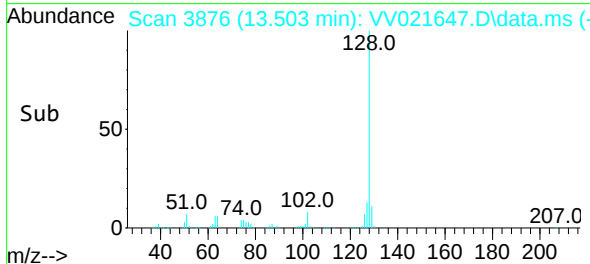
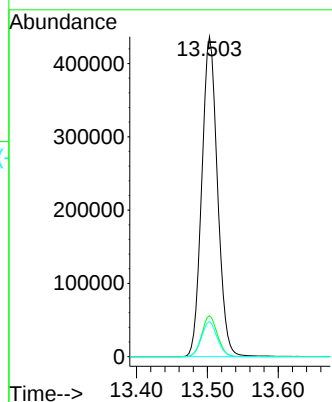
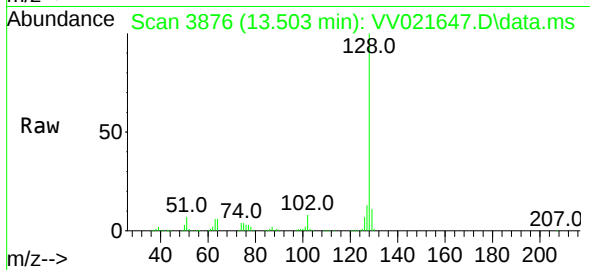




#71
Naphthalene
Concen: 44.603 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 673224
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.769 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV021647.D
Acq: 14 Jul 2021 10:02

Tgt Ion:180 Resp: 233827
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 31.4 25.7 38.5

