

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082521\
 Data File : VV021939.D
 Acq On : 25 Aug 2021 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 26 05:14:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 24 02:24:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	410080	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	388589	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	217315	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	119457	37.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.520%
7) Chloroethane-d5	1.561	69	98178	40.582	ug/L	0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.160%
11) 1,1-Dichloroethene-d2	2.105	63	207024	40.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
21) 2-Butanone-d5	3.870	46	186483	93.529	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.530%
24) Chloroform-d	4.346	84	243428	43.827	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
26) 1,2-Dichloroethane-d4	5.031	65	145633	45.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
32) Benzene-d6	5.047	84	495249	44.320	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
36) 1,2-Dichloropropane-d6	6.069	67	155264	44.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.240%
41) Toluene-d8	7.314	98	472209	45.720	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	7.622	79	76390	44.605	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
47) 2-Hexanone-d5	8.088	63	127301	111.617	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.620%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	213055	49.407	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.820%
66) 1,2-Dichlorobenzene-d4	11.625	152	198496	44.136	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	153188	48.285	ug/L	100
3) Chloromethane	1.240	50	156265	47.428	ug/L	99
5) Vinyl chloride	1.311	62	155102	47.807	ug/L	99
6) Bromomethane	1.513	94	99113	50.826	ug/L	98
8) Chloroethane	1.581	64	96662	49.859	ug/L	99
9) Trichlorofluoromethane	1.748	101	217644	48.962	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	127148	49.960	ug/L	98
12) 1,1-Dichloroethene	2.114	96	116495	48.057	ug/L	96
13) Acetone	2.156	43	214065	130.481	ug/L #	100
14) Carbon disulfide	2.291	76	389644	47.772	ug/L	99
15) Methyl Acetate	2.423	43	159178	52.814	ug/L	99
16) Methylene chloride	2.503	84	156132	46.305	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	145207	51.048	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	448773	51.299	ug/L	99
19) 1,1-Dichloroethane	3.185	63	255764	50.511	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	156988	47.661	ug/L	98
22) 2-Butanone	3.954	43	265705	111.209	ug/L	100
23) Bromochloromethane	4.243	128	84663	48.446	ug/L	98
25) Chloroform	4.371	83	269381	49.443	ug/L	97

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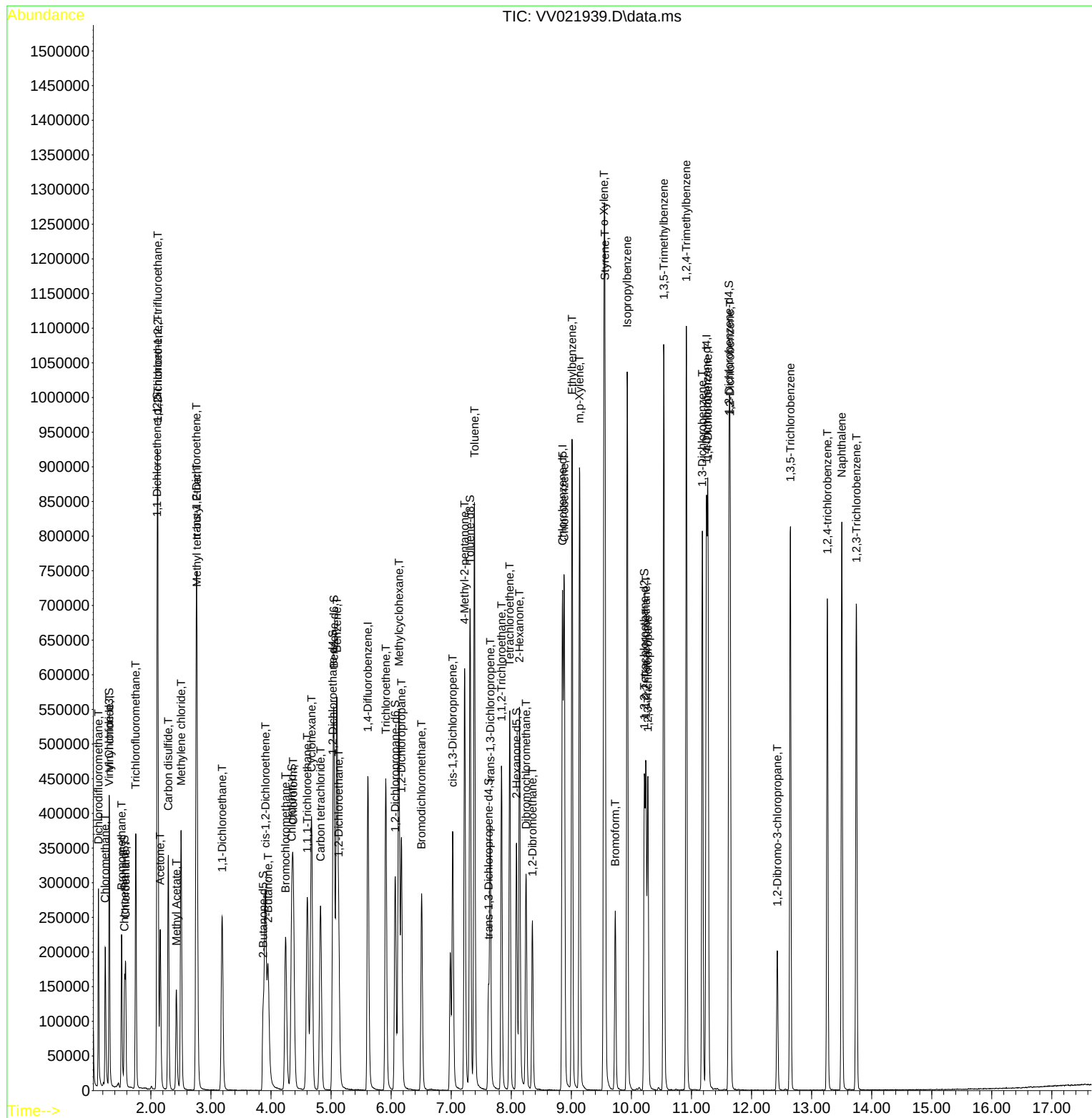
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	183133	47.707	ug/L	98
29) Cyclohexane	4.674	56	224757	46.963	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	233727	48.068	ug/L	99
31) Carbon tetrachloride	4.825	117	204712	48.655	ug/L	100
33) Benzene	5.098	78	572941	47.913	ug/L	100
34) Trichloroethene	5.912	95	156948	45.673	ug/L	99
35) Methylcyclohexane	6.130	83	243528	48.576	ug/L	98
37) 1,2-Dichloropropane	6.172	63	143016	47.233	ug/L	99
38) Bromodichloromethane	6.506	83	192204	48.162	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	233407	48.681	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	395675	94.998	ug/L	99
42) Toluene	7.387	91	618737	48.446	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	217319	48.096	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	148422	48.932	ug/L	98
46) Tetrachloroethene	7.976	164	127147	49.787	ug/L	98
48) 2-Hexanone	8.137	43	340836	105.642	ug/L	100
49) Dibromochloromethane	8.246	129	164020	48.976	ug/L	97
50) 1,2-Dibromoethane	8.352	107	160151	48.518	ug/L	100
51) Chlorobenzene	8.883	112	406060	48.696	ug/L	99
52) Ethylbenzene	9.011	91	663563	48.700	ug/L	100
53) m,p-Xylene	9.137	106	259612	49.163	ug/L	100
54) o-Xylene	9.545	106	256862	49.072	ug/L	100
55) Styrene	9.561	104	445742	50.853	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	224930	53.268	ug/L	100
59) Bromoform	9.731	173	117304	45.408	ug/L	100
60) Isopropylbenzene	9.931	105	683862	46.938	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	181016	45.073	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	573278	46.889	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	590150	47.473	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	339386	48.102	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	335724	47.670	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	337813	47.462	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	45781	46.887	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	254824	49.825	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	220095	51.312	ug/L	100
71) Naphthalene	13.503	128	643090	51.614	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	218965	50.816	ug/L	98

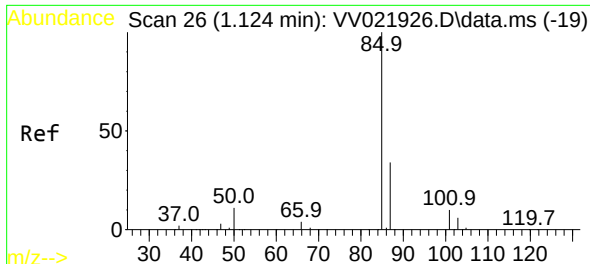
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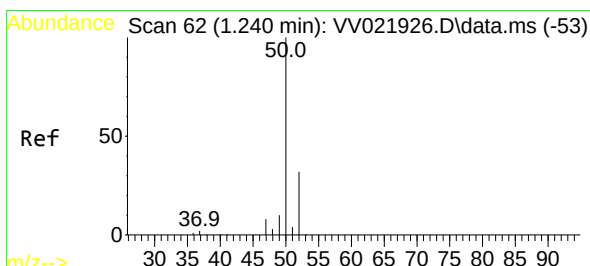
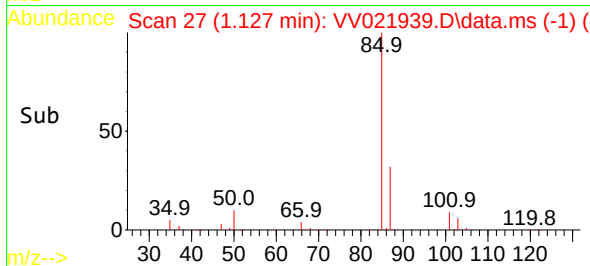
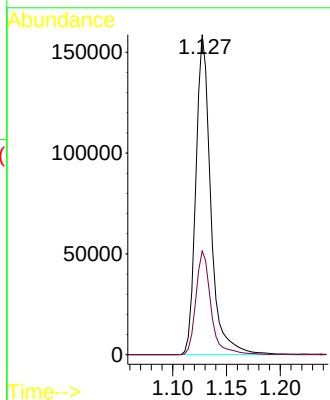
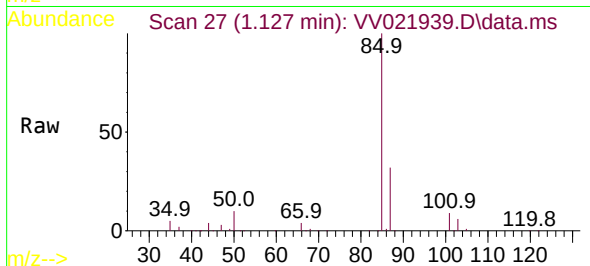




#2
 Dichlorodifluoromethane
 Concen: 48.285 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

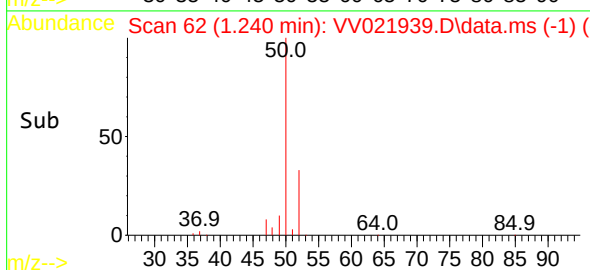
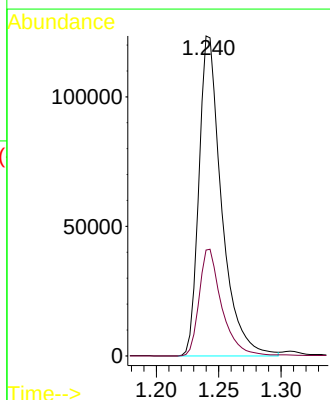
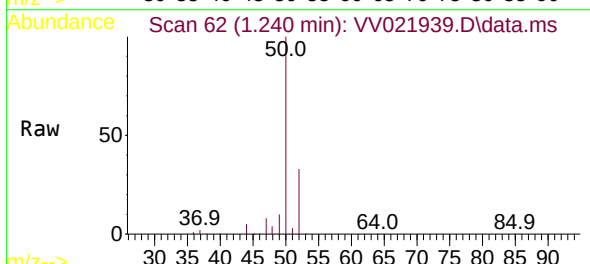
Instrument :
 MSVOA_V
 ClientSampled :

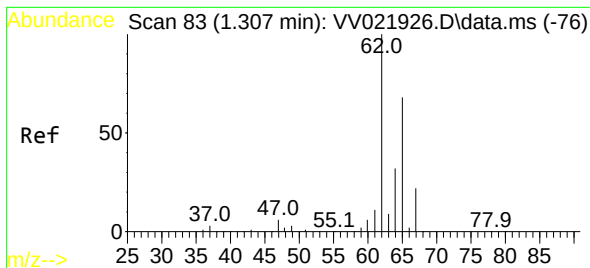
Tgt Ion: 85 Resp: 153188
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 47.428 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

Tgt Ion: 50 Resp: 156265
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1

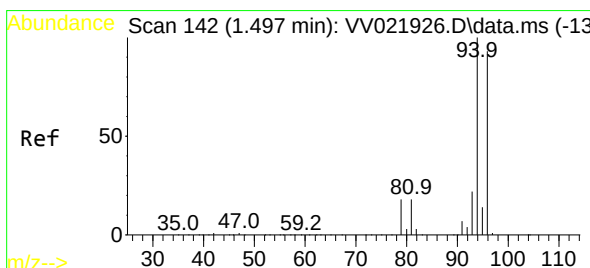
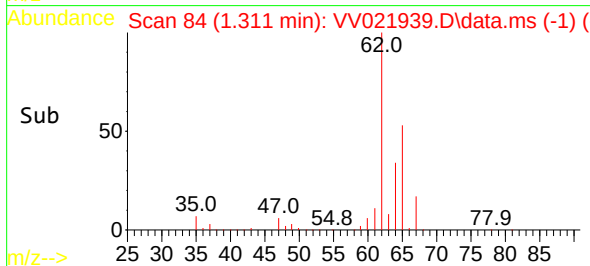
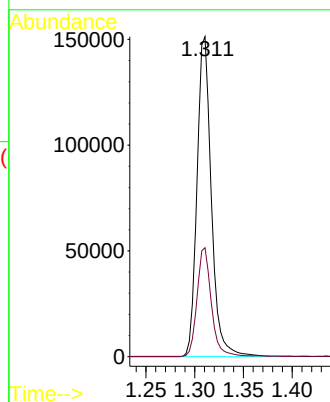
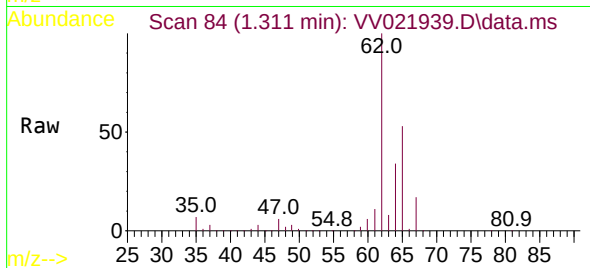




#5
 Vinyl chloride
 Concen: 47.807 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

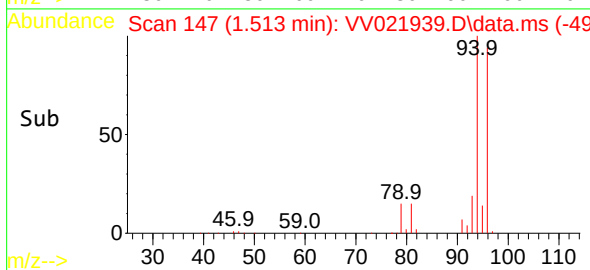
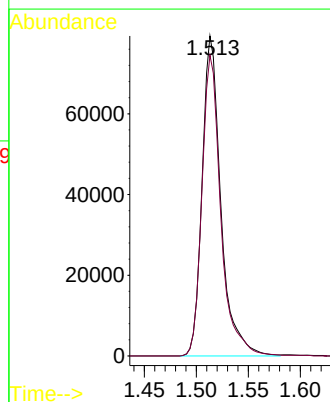
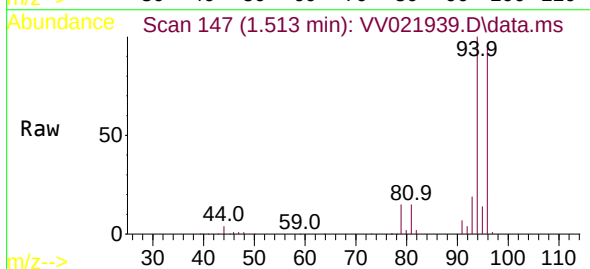
Instrument :
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 ClientSampled :

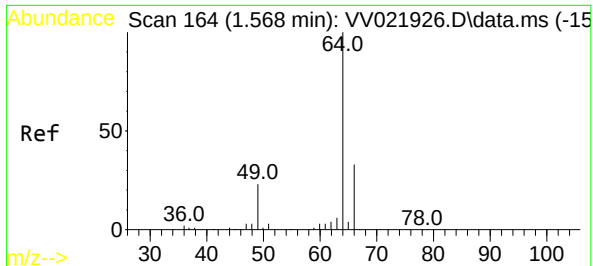
Tgt Ion: 62 Resp: 155102
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.4 43.4



#6
 Bromomethane
 Concen: 50.826 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. 0.016 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

Tgt Ion: 94 Resp: 99113
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

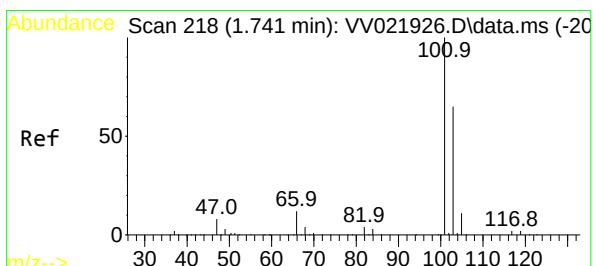
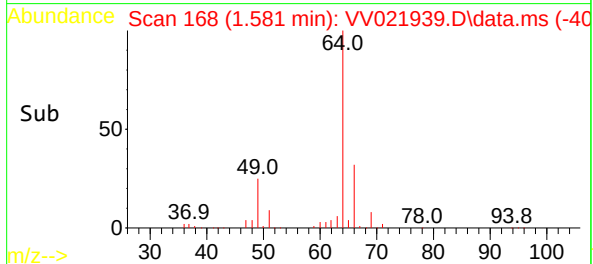
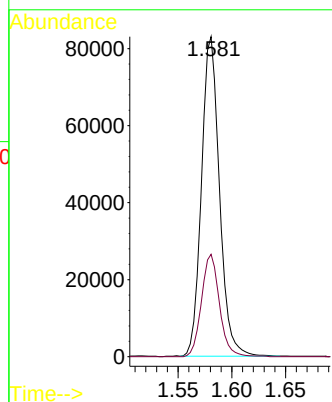
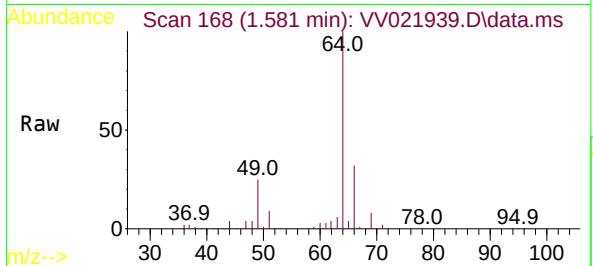




#8
Chloroethane
Concen: 49.859 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.013 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

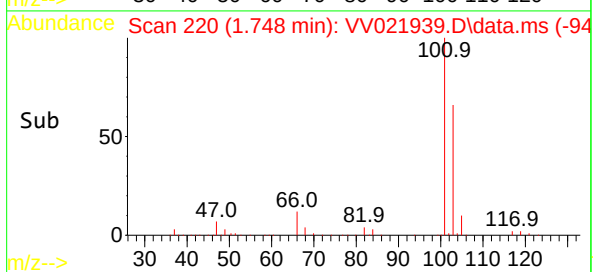
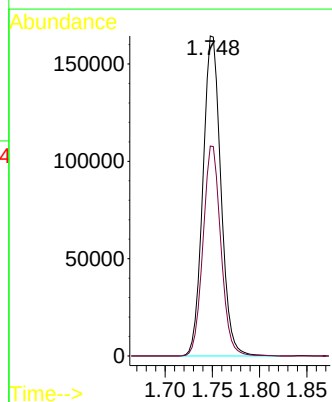
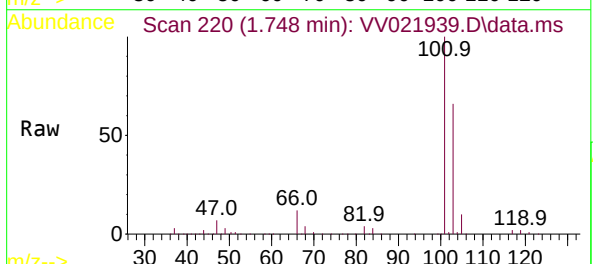
Instrument :
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ClientSampled :

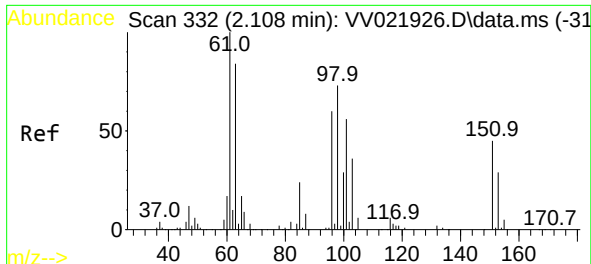
Tgt Ion: 64 Resp: 96662
Ion Ratio Lower Upper
64 100
66 32.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 48.962 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.006 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:101 Resp: 217644
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8

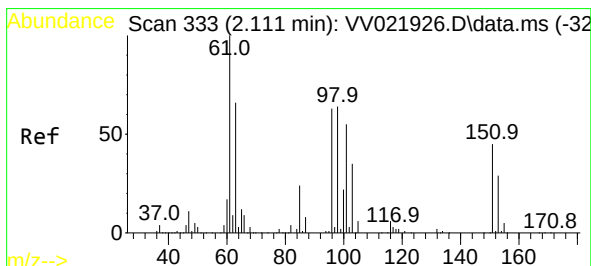
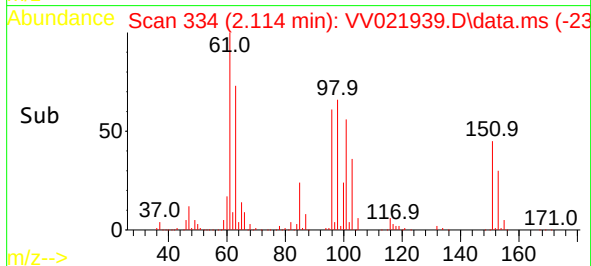
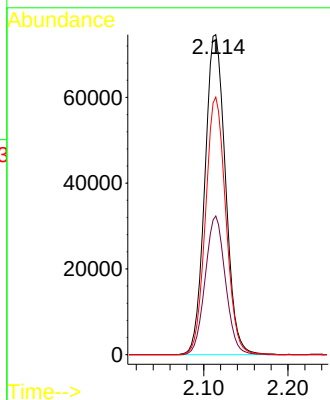
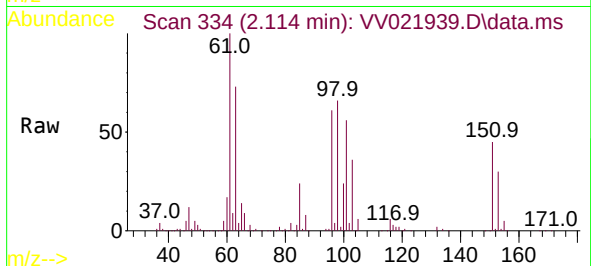




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 49.960 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.006 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

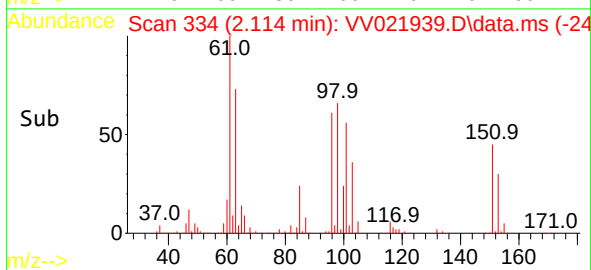
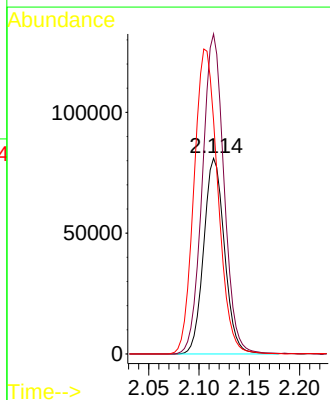
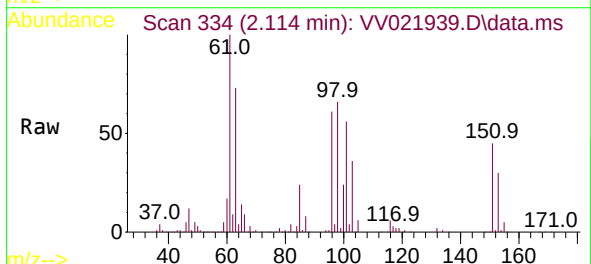
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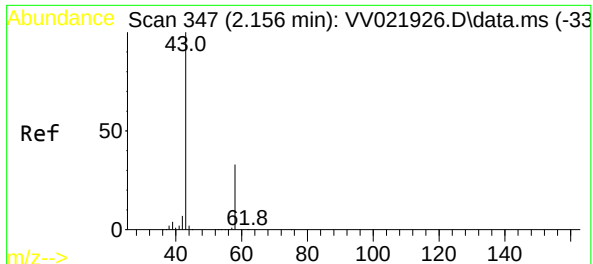
Tgt Ion:101 Resp: 127148
Ion Ratio Lower Upper
101 100
85 42.6 33.4 50.2
151 79.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 48.057 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 96 Resp: 116495
Ion Ratio Lower Upper
96 100
61 163.5 115.5 214.5
63 119.5 90.3 167.7

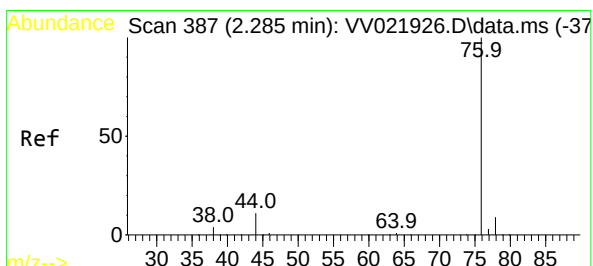
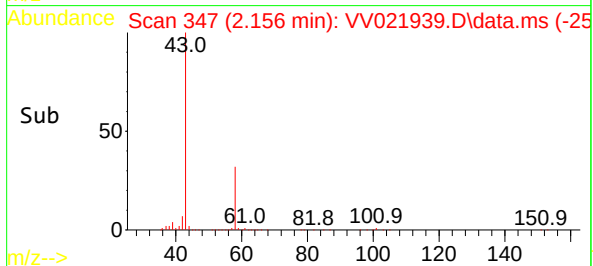
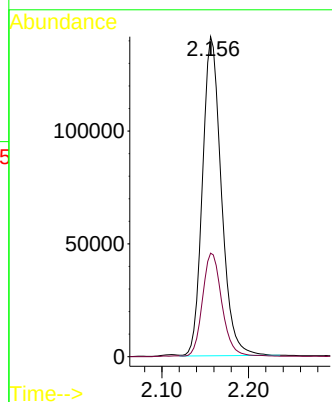
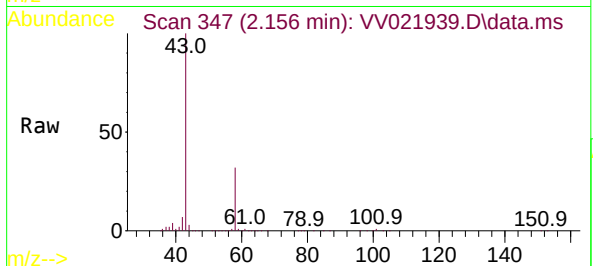




#13
Acetone
Concen: 130.481 ug/L
RT: 2.156 min Scan# 347
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

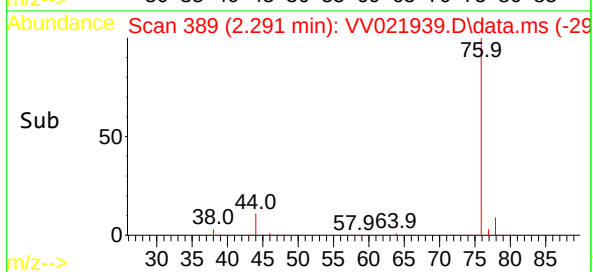
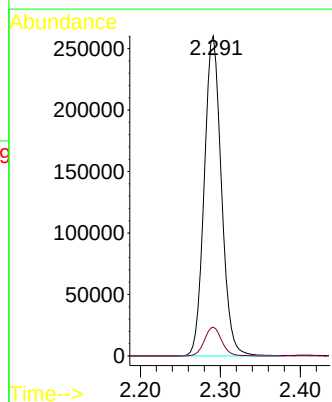
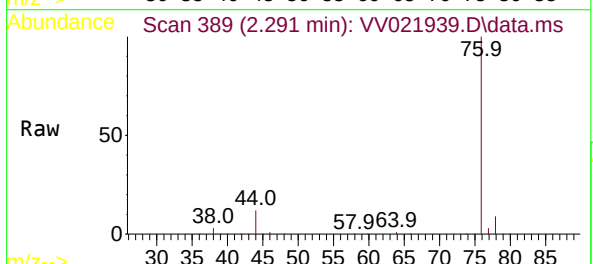
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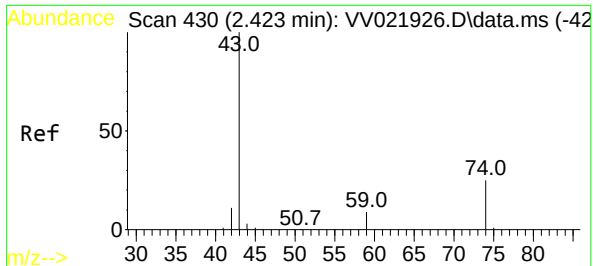
Tgt Ion: 43 Resp: 214065
Ion Ratio Lower Upper
43 100
58 32.7 0.0 0.0#



#14
Carbon disulfide
Concen: 47.772 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 389644
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

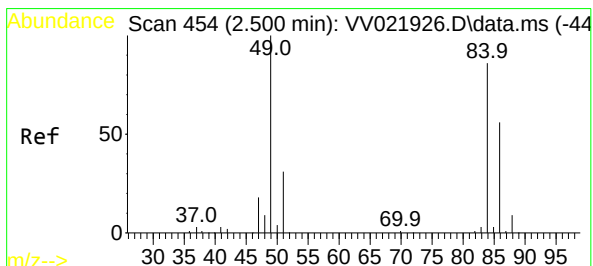
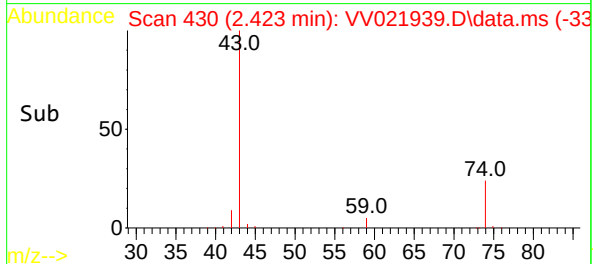
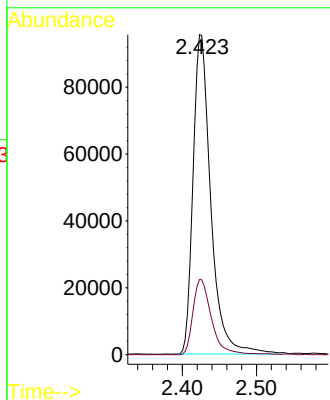
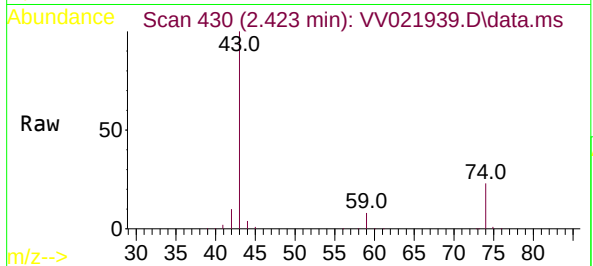




#15
Methyl Acetate
Concen: 52.814 ug/L
RT: 2.423 min Scan# 430
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

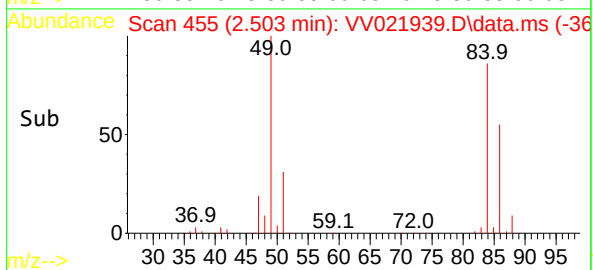
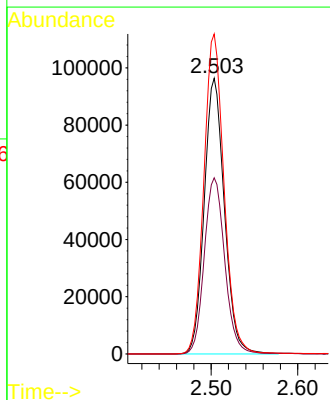
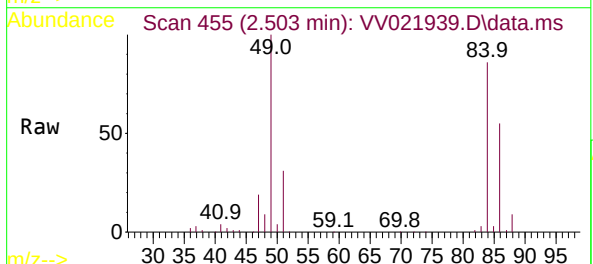
Instrument :
MSVOA_V
ClientSampled :

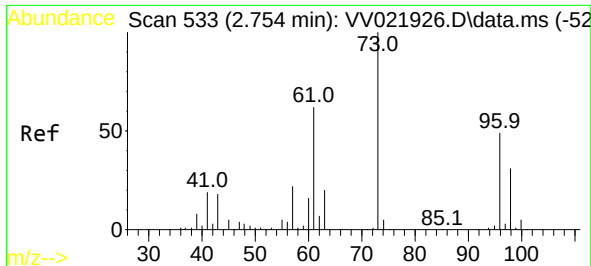
Tgt Ion: 43 Resp: 159178
Ion Ratio Lower Upper
43 100
74 24.3 19.0 28.6



#16
Methylene chloride
Concen: 46.305 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 84 Resp: 156132
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 116.1 82.5 153.3

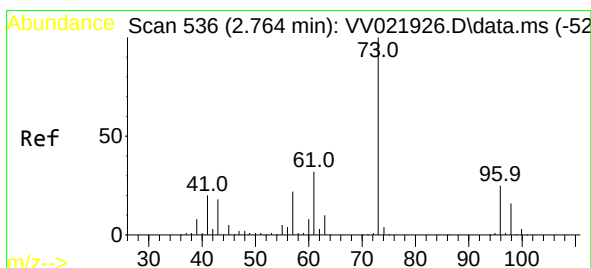
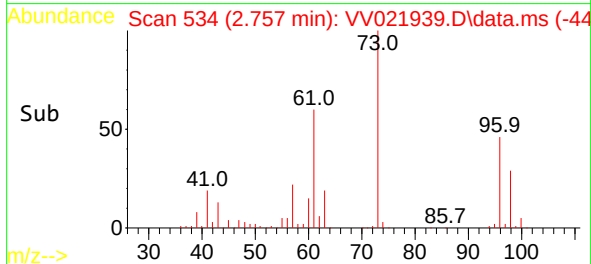
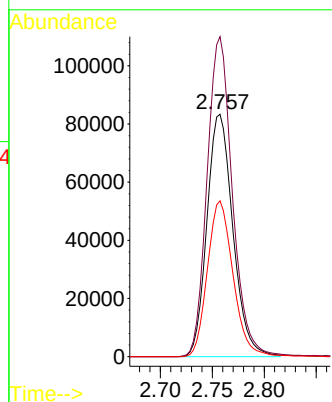
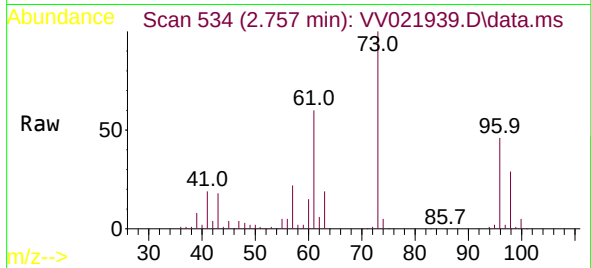




#17
trans-1,2-Dichloroethene
Concen: 51.048 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

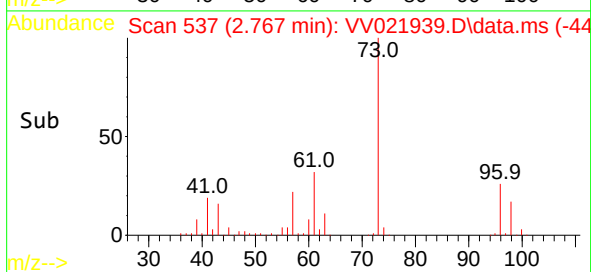
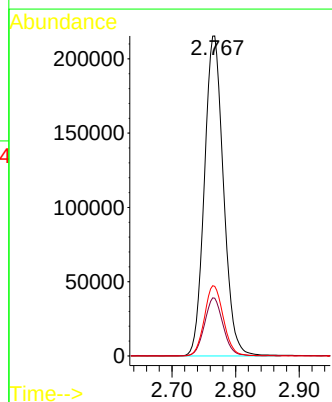
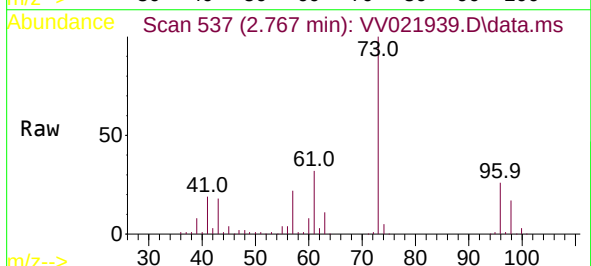
Instrument :
MSVOA_V
ClientSampleId :

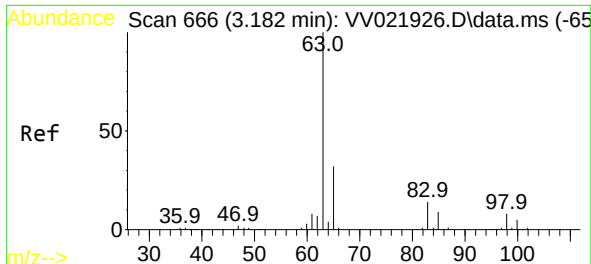
Tgt Ion: 96 Resp: 145207
Ion Ratio Lower Upper
96 100
61 132.0 90.4 168.0
98 64.3 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.299 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 73 Resp: 448773
Ion Ratio Lower Upper
73 100
43 17.4 14.2 21.4
57 21.9 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.511 ug/L

RT: 3.185 min Scan# 667

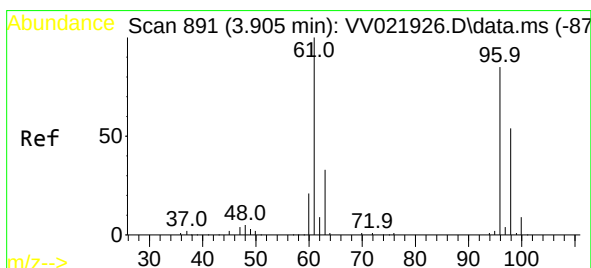
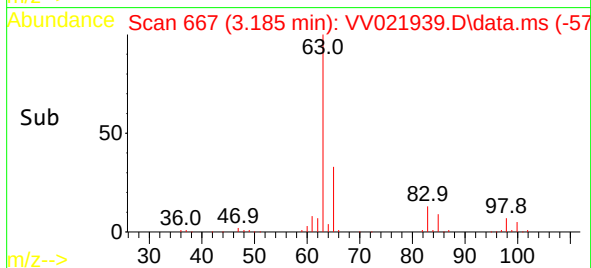
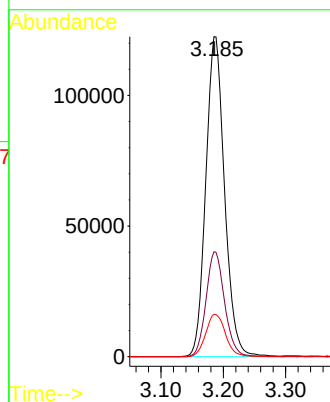
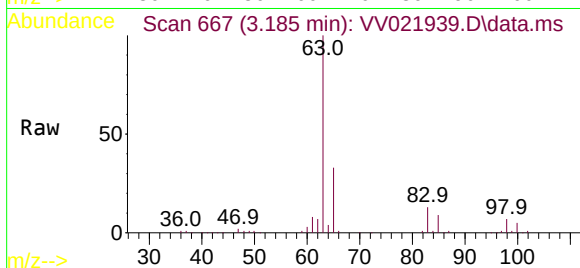
Delta R.T. 0.003 min

Lab File: VV021939.D

Acq: 25 Aug 2021 09:54

Tgt Ion: 63 Resp: 255764

Ion	Ratio	Lower	Upper
63	100		
65	32.8	21.8	40.6
83	13.3	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 47.661 ug/L

RT: 3.908 min Scan# 892

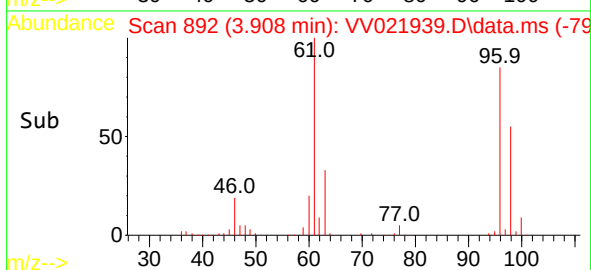
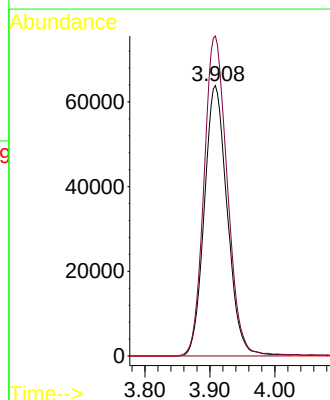
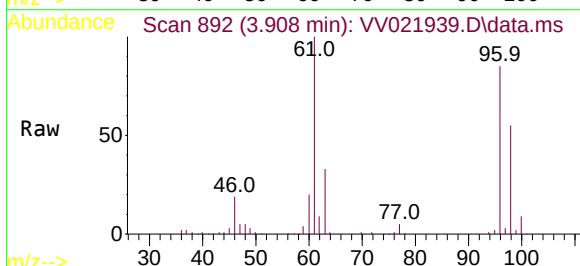
Delta R.T. 0.003 min

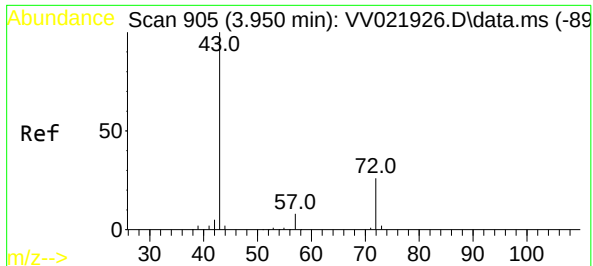
Lab File: VV021939.D

Acq: 25 Aug 2021 09:54

Tgt Ion: 96 Resp: 156988

Ion	Ratio	Lower	Upper
96	100		
61	118.3	81.0	150.4
68	0.0	0.0	0.0

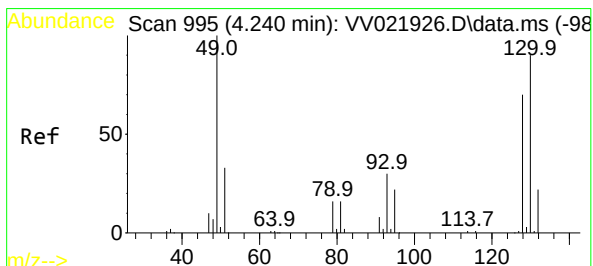
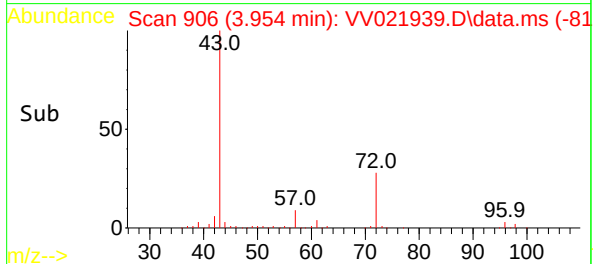
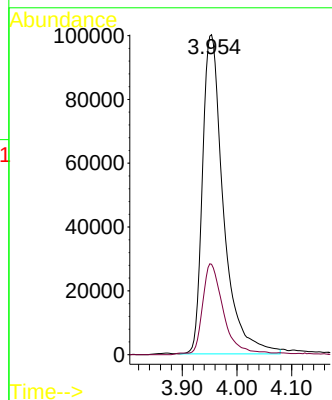
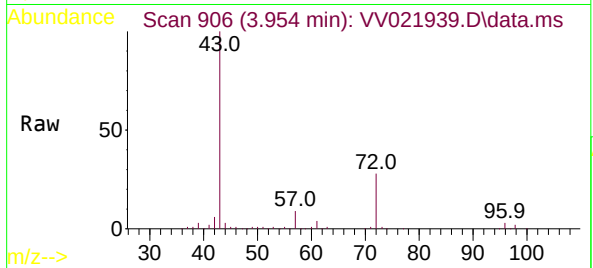




#22
2-Butanone
Concen: 111.209 ug/L
RT: 3.954 min Scan# 906
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

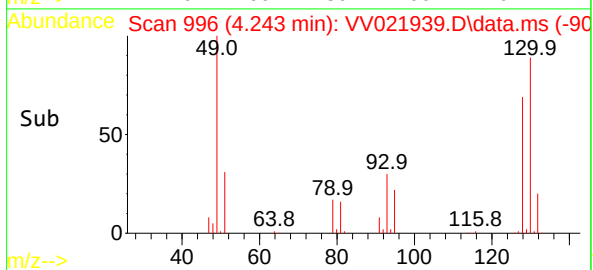
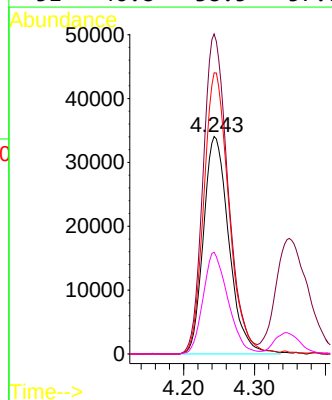
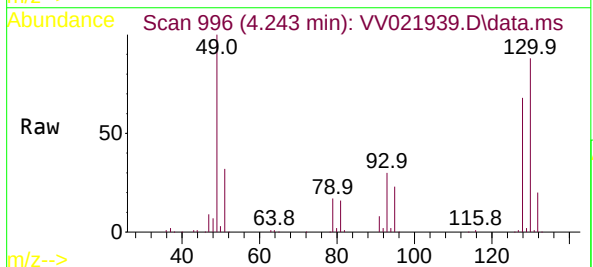
Instrument :
MSVOA_V
ClientSampled :

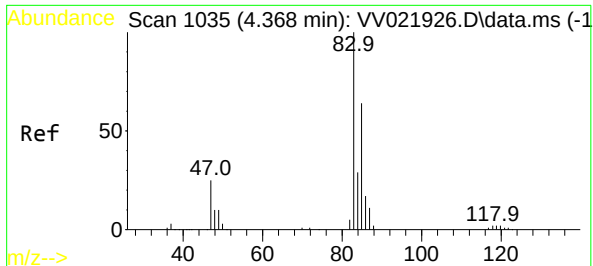
Tgt Ion: 43 Resp: 265705
Ion Ratio Lower Upper
43 100
72 27.3 13.6 40.8



#23
Bromochloromethane
Concen: 48.446 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:128 Resp: 84663
Ion Ratio Lower Upper
128 100
49 147.2 105.6 196.0
130 129.3 89.5 166.1
51 46.8 38.5 57.7

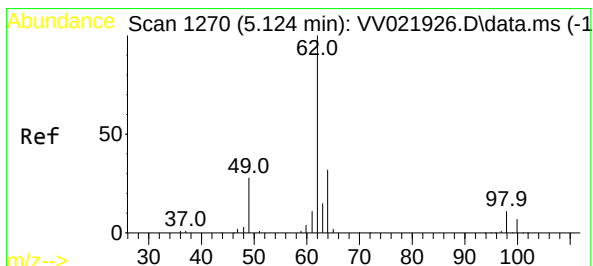
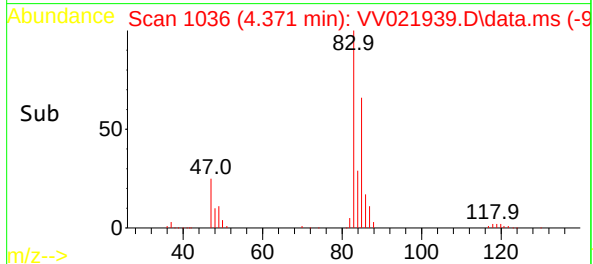
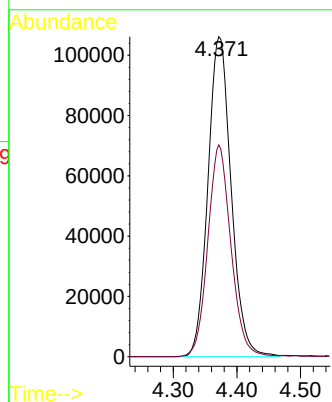
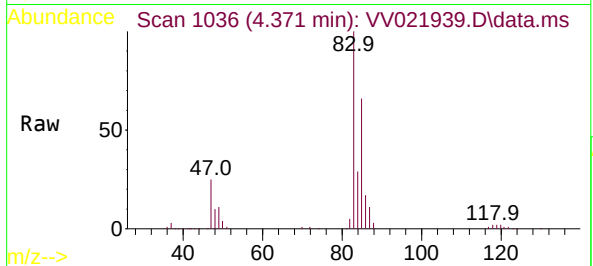




#25
Chloroform
Concen: 49.443 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

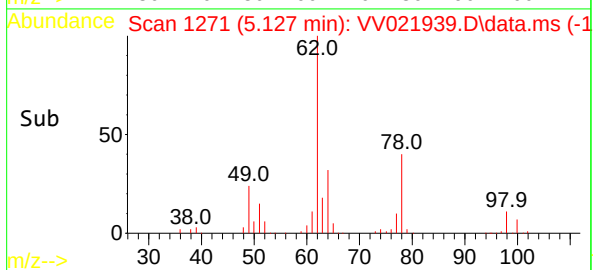
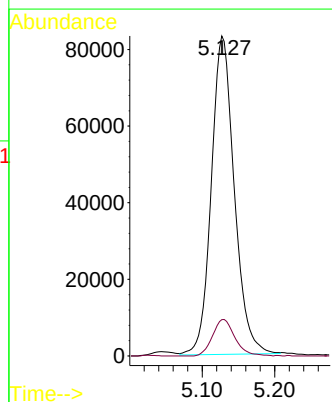
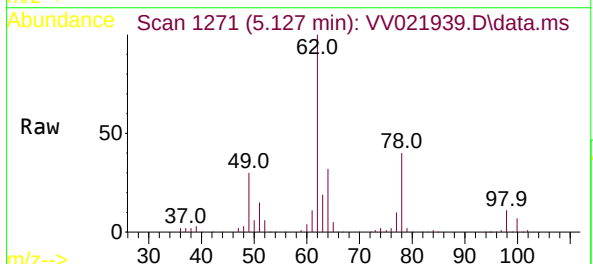
Instrument :
MSVOA_V
ClientSampled :

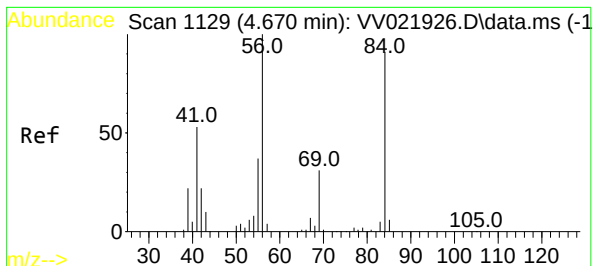
Tgt Ion: 83 Resp: 269381
Ion Ratio Lower Upper
83 100
85 66.2 44.8 83.2



#27
1,2-Dichloroethane
Concen: 47.707 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 62 Resp: 183133
Ion Ratio Lower Upper
62 100
98 11.4 8.6 13.0

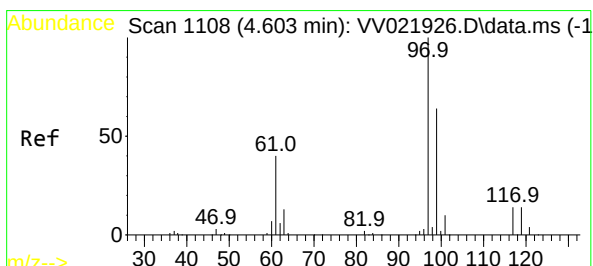
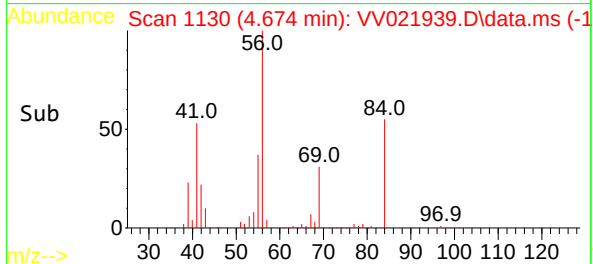
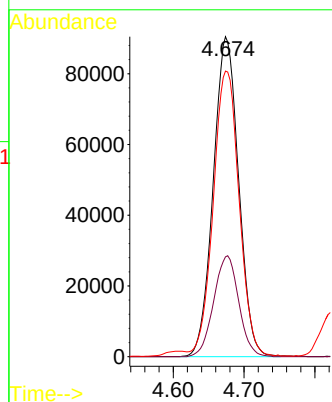
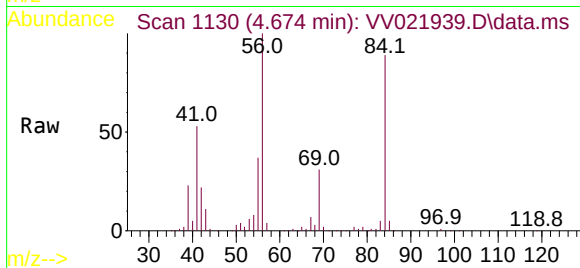




#29
Cyclohexane
Concen: 46.963 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

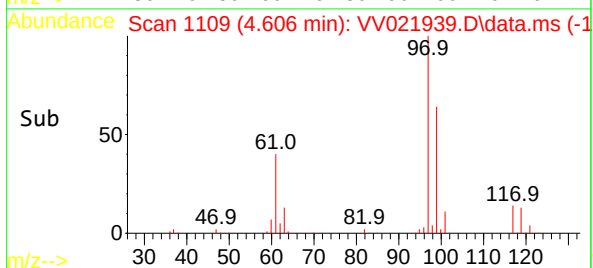
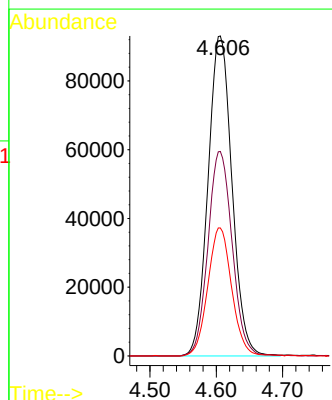
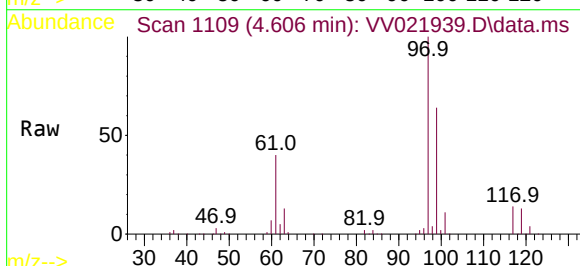
Instrument :
MSVOA_V
ClientSampled :

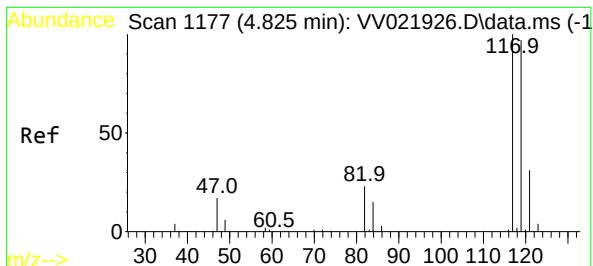
Tgt Ion: 56 Resp: 224757
Ion Ratio Lower Upper
56 100
69 31.1 24.9 37.3
84 90.8 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 48.068 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 97 Resp: 233727
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.8 32.3 48.5

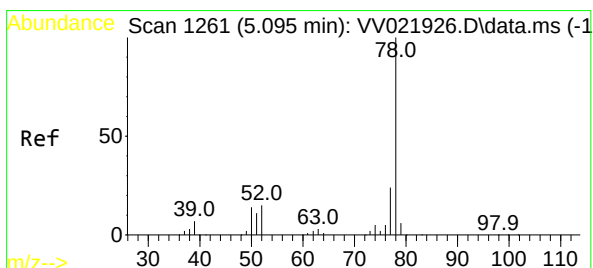
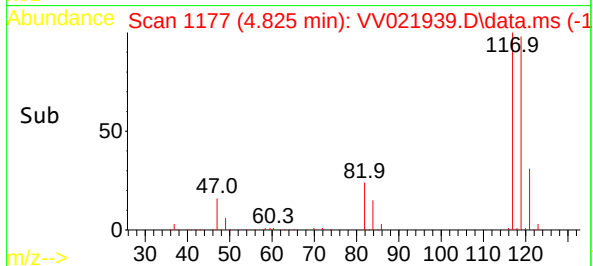
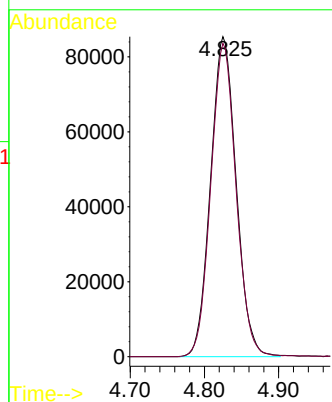
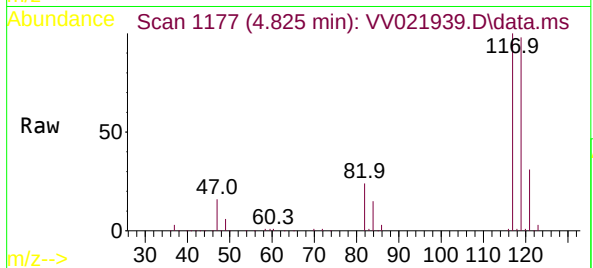




#31
Carbon tetrachloride
Concen: 48.655 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

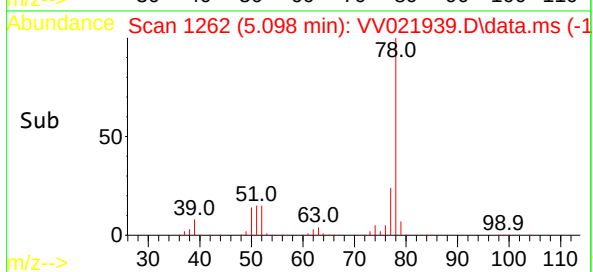
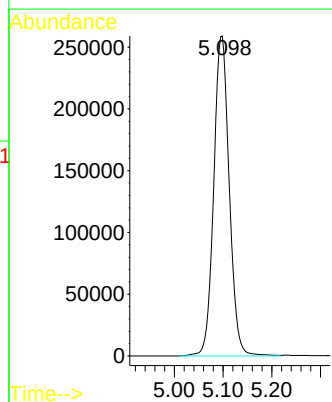
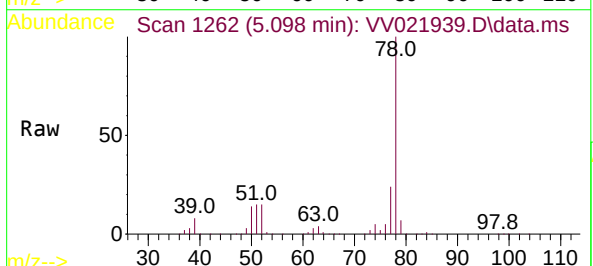
Instrument :
MSVOA_V
ClientSampled :

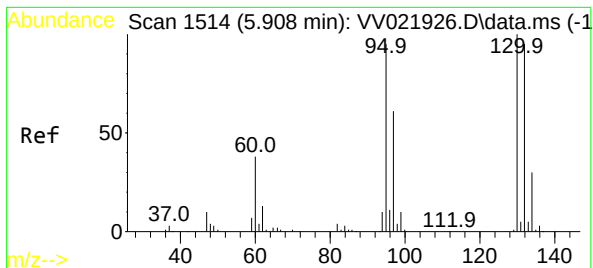
Tgt Ion:117 Resp: 204712
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7



#33
Benzene
Concen: 47.913 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 78 Resp: 572941





#34

Trichloroethene

Concen: 45.673 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV021939.D

Acq: 25 Aug 2021 09:54

Tgt Ion: 95 Resp: 156948

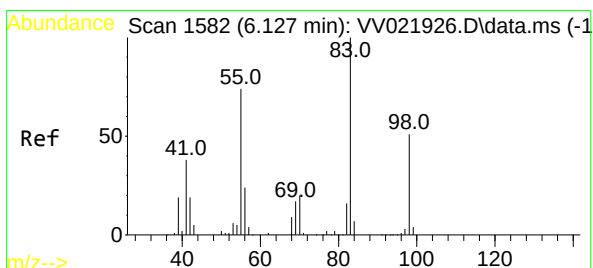
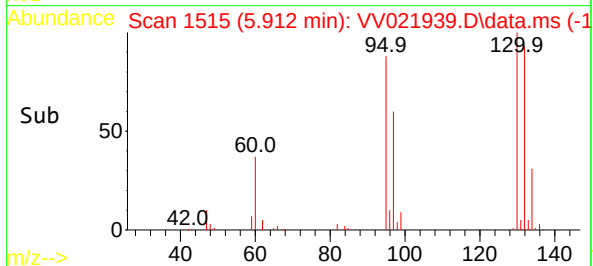
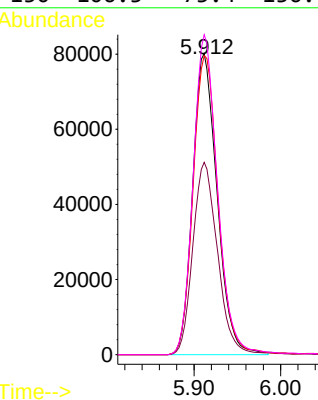
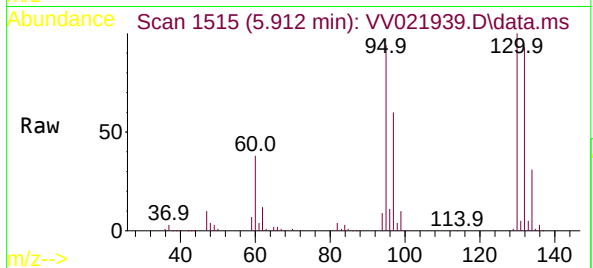
Ion Ratio Lower Upper

95 100

97 63.9 44.1 81.9

132 99.3 70.2 130.4

130 106.3 73.4 136.4



#35

Methylcyclohexane

Concen: 48.576 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV021939.D

Acq: 25 Aug 2021 09:54

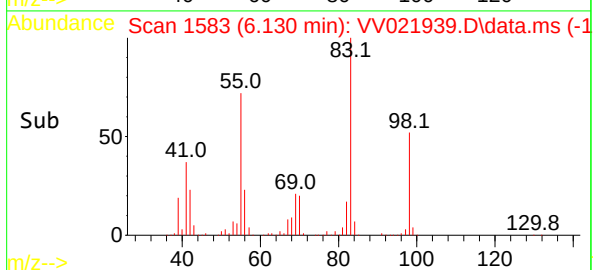
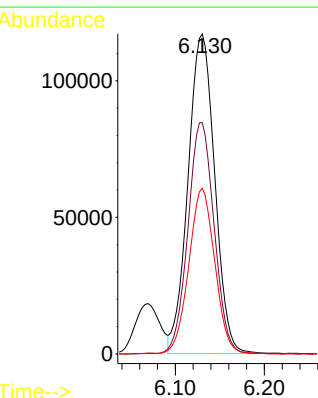
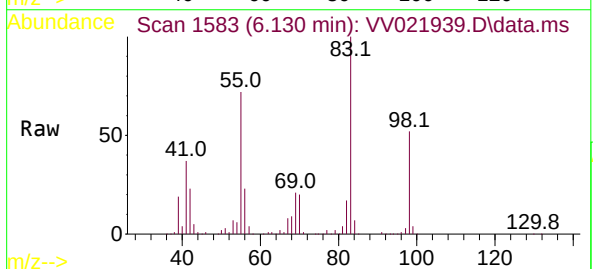
Tgt Ion: 83 Resp: 243528

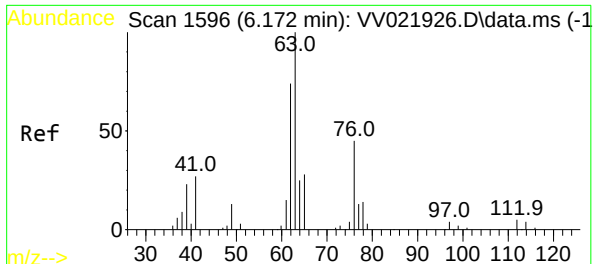
Ion Ratio Lower Upper

83 100

55 70.8 57.9 86.9

98 50.6 39.9 59.9

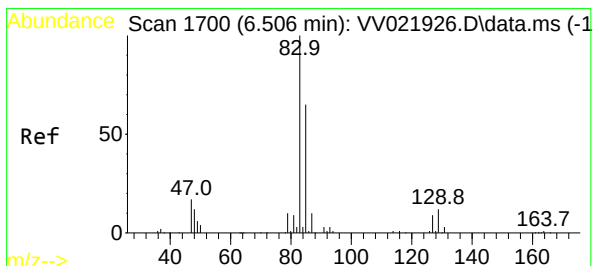
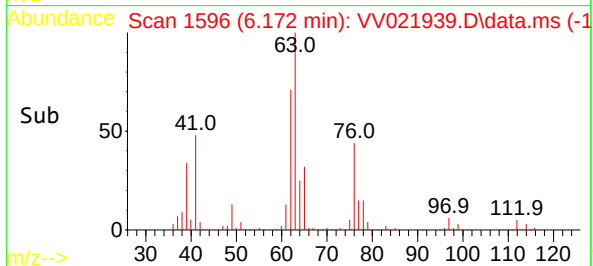
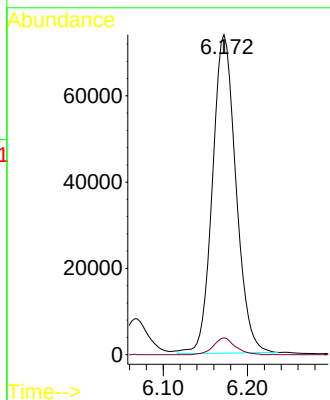
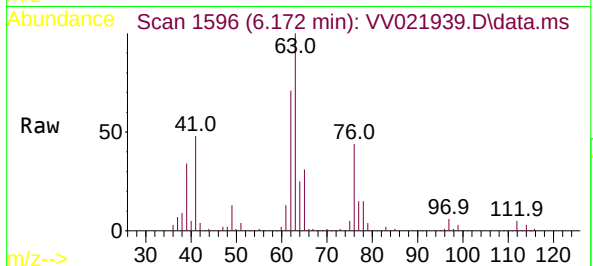




#37
1,2-Dichloropropane
Concen: 47.233 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

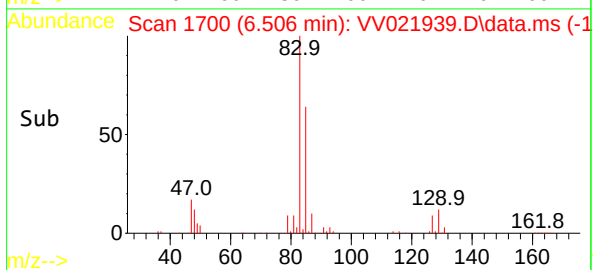
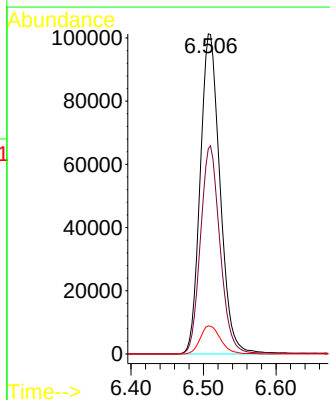
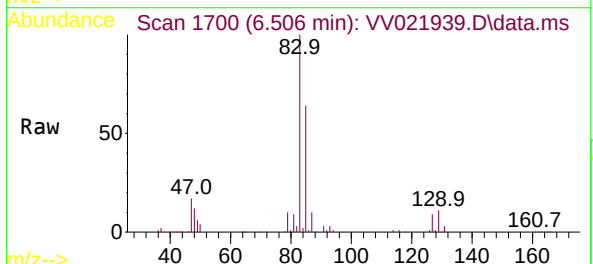
Instrument :
MSVOA_V
ClientSampleId :

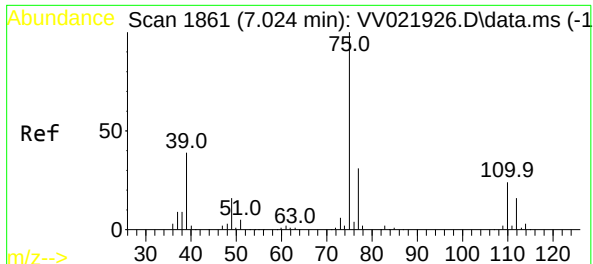
Tgt Ion: 63 Resp: 143016
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 48.162 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 83 Resp: 192204
Ion Ratio Lower Upper
83 100
85 64.1 45.7 84.9
127 8.8 7.4 11.2

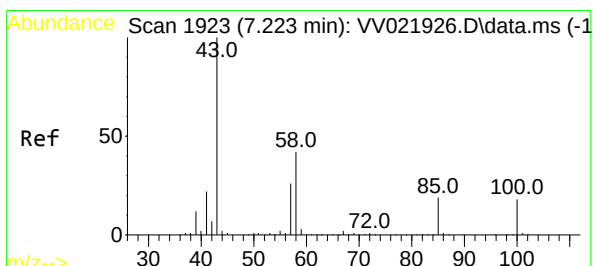
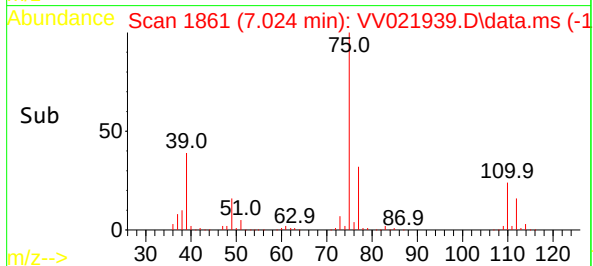
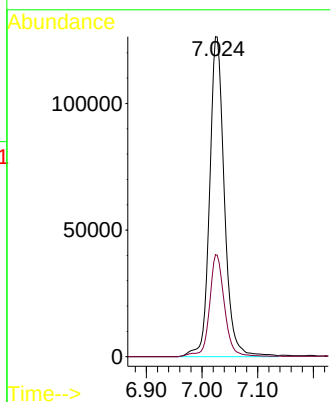
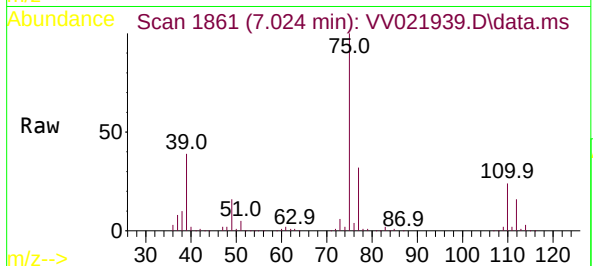




#39
 cis-1,3-Dichloropropene
 Concen: 48.681 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

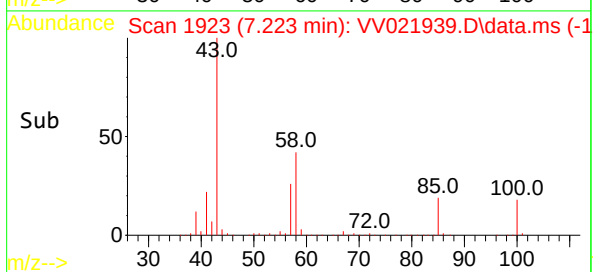
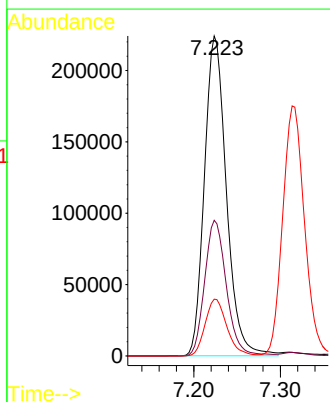
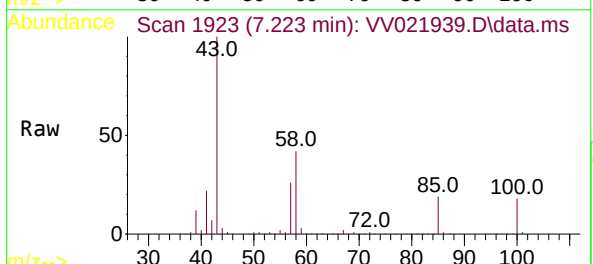
Instrument :
 MSVOA_V
 ClientSampled :

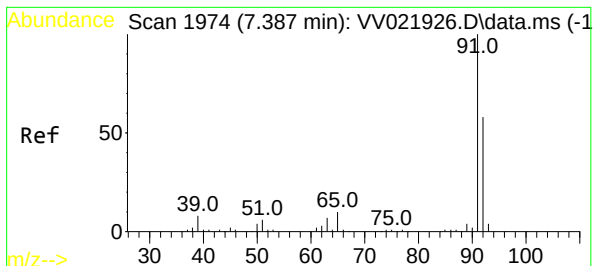
Tgt Ion: 75 Resp: 233407
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 94.998 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: VV021939.D
 Acq: 25 Aug 2021 09:54

Tgt Ion: 43 Resp: 395675
 Ion Ratio Lower Upper
 43 100
 58 41.6 32.9 49.3
 100 17.6 14.0 21.0





#42

Toluene

Concen: 48.446 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV021939.D

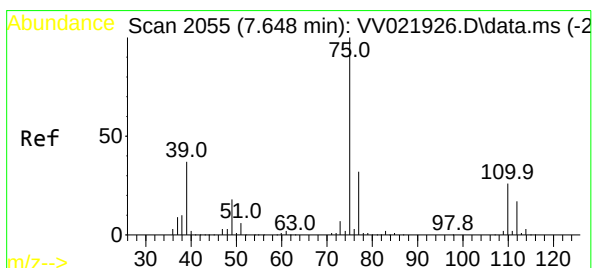
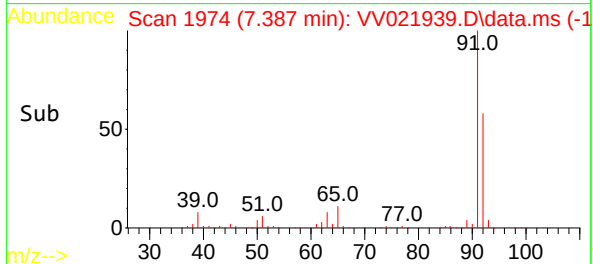
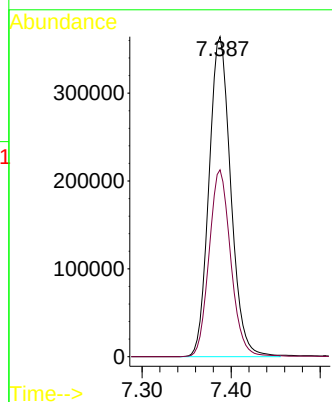
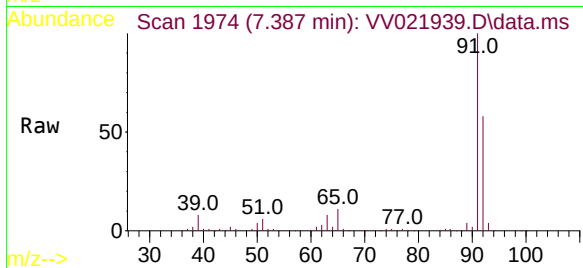
Acq: 25 Aug 2021 09:54

Tgt Ion: 91 Resp: 618737

Ion Ratio Lower Upper

91 100

92 58.4 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 48.096 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021939.D

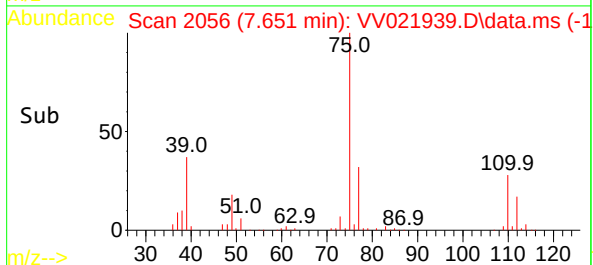
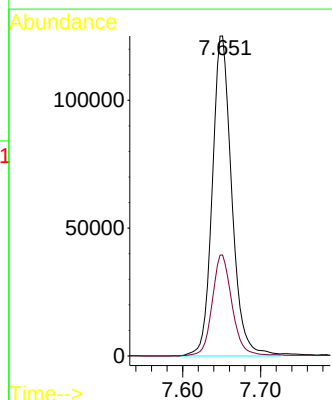
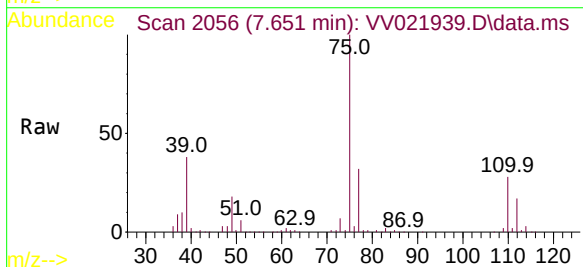
Acq: 25 Aug 2021 09:54

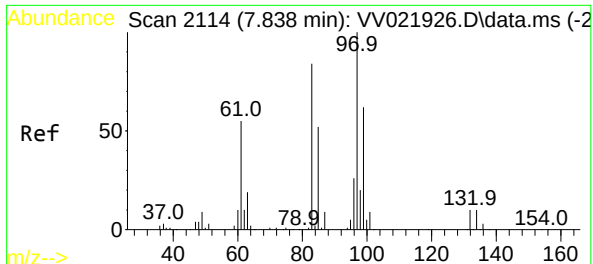
Tgt Ion: 75 Resp: 217319

Ion Ratio Lower Upper

75 100

77 31.6 22.2 41.2

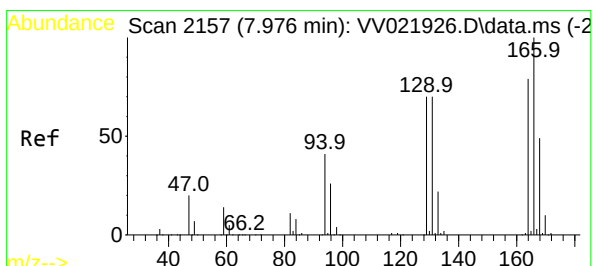
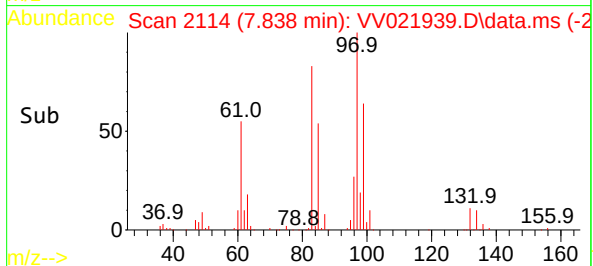
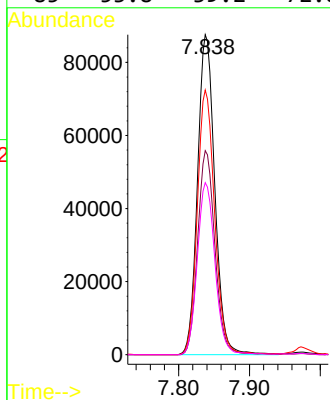
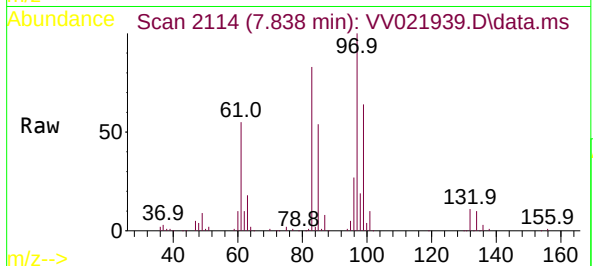




#45
1,1,2-Trichloroethane
Concen: 48.932 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

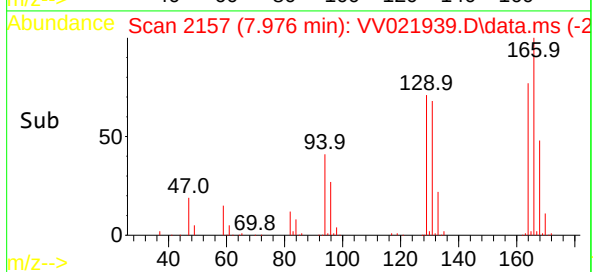
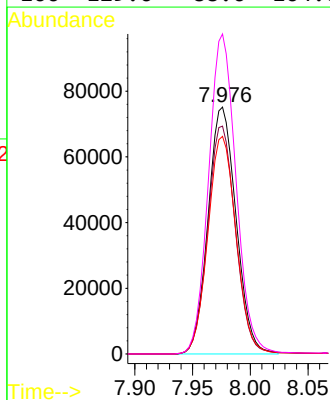
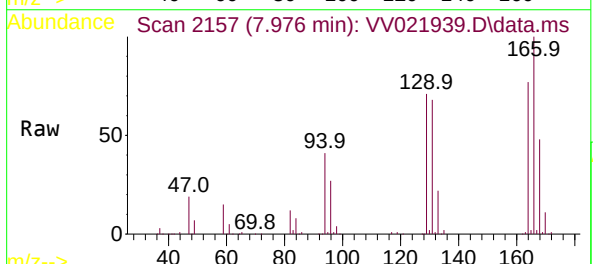
Instrument :
MSVOA_V
ClientSampled :

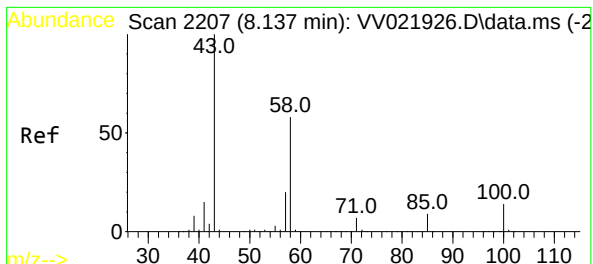
Tgt Ion: 97 Resp: 148422
Ion Ratio Lower Upper
97 100
99 63.7 44.2 82.0
83 82.7 59.2 110.0
85 53.8 39.2 72.8



#46
Tetrachloroethene
Concen: 49.787 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:164 Resp: 127147
Ion Ratio Lower Upper
164 100
129 92.3 63.7 118.3
131 88.2 61.5 114.3
166 129.6 88.6 164.6



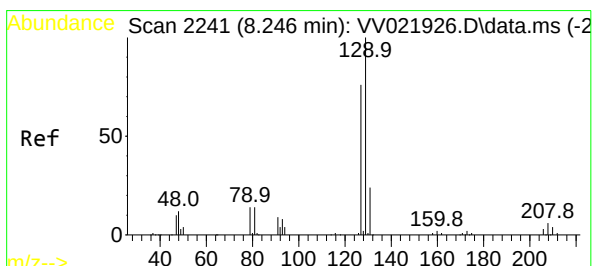
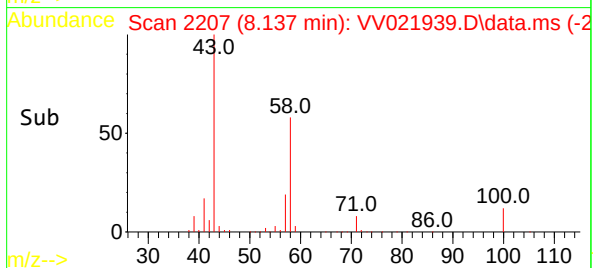
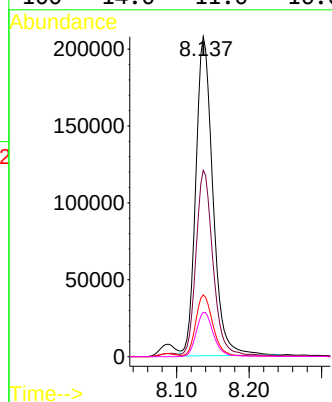
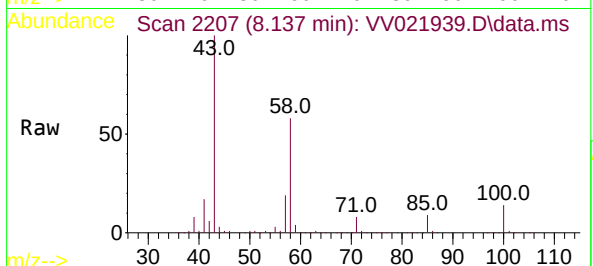


#48
2-Hexanone
Concen: 105.642 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 340836

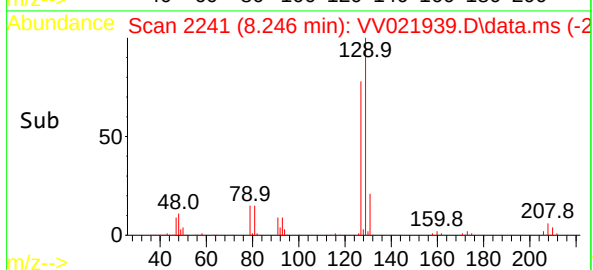
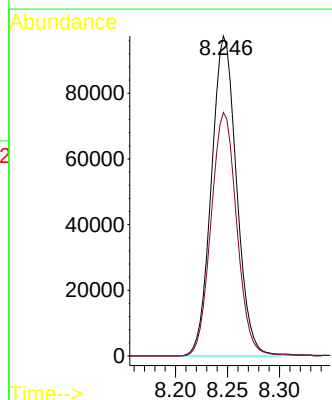
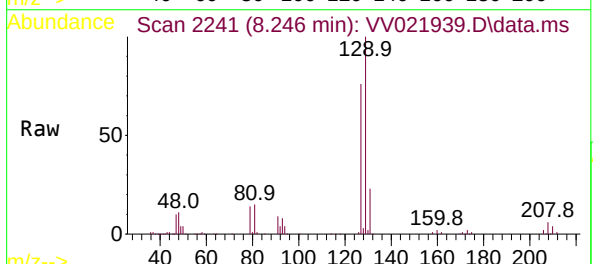
Ion	Ratio	Lower	Upper
43	100		
58	56.6	45.4	68.2
57	19.1	15.3	22.9
100	14.0	11.0	16.6

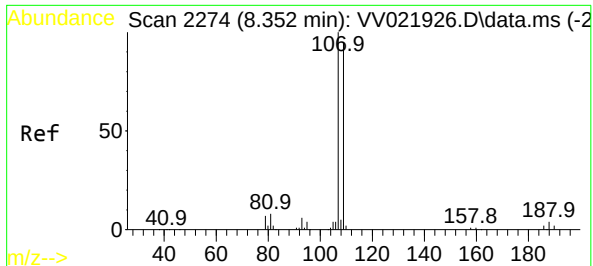


#49
Dibromochloromethane
Concen: 48.976 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 129 Resp: 164020

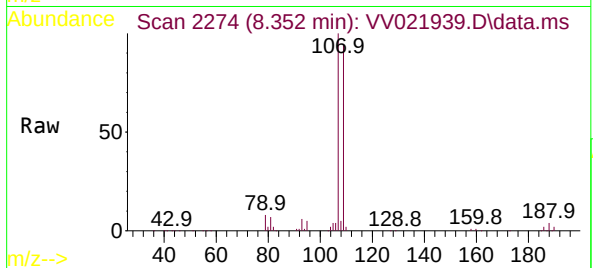
Ion	Ratio	Lower	Upper
129	100		
127	76.1	54.9	101.9



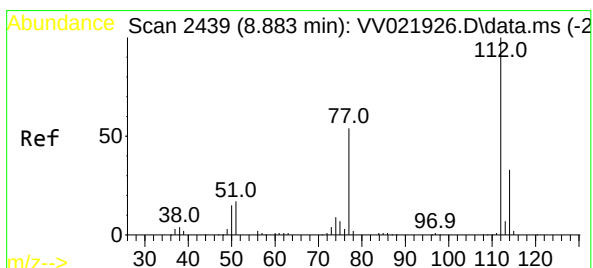
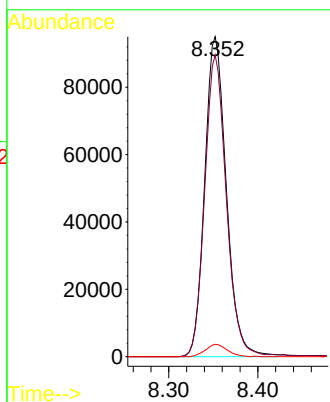
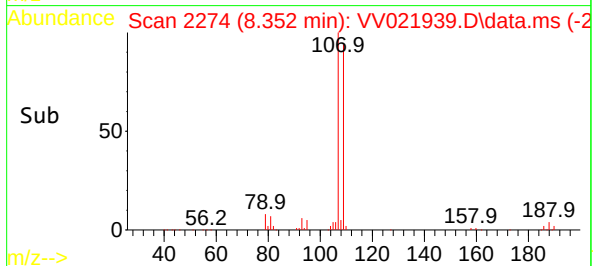


#50
1,2-Dibromoethane
Concen: 48.518 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

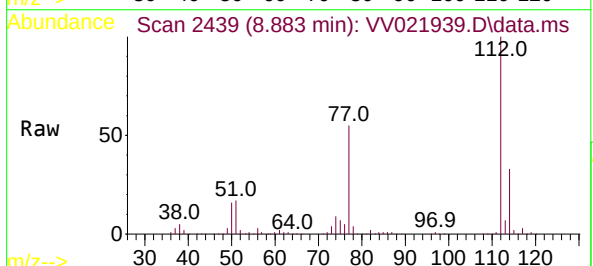
Instrument :
MSVOA_V
ClientSampled :



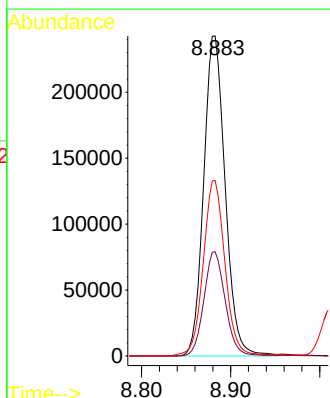
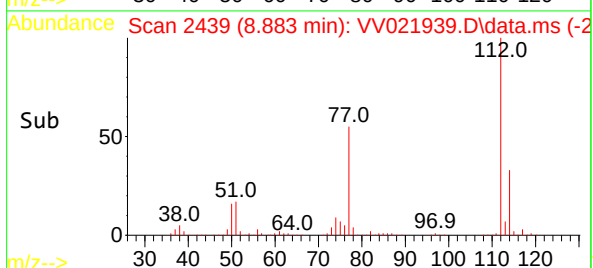
Tgt Ion:107 Resp: 160151
Ion Ratio Lower Upper
107 100
109 94.3 66.3 123.1
188 3.9 3.0 4.4

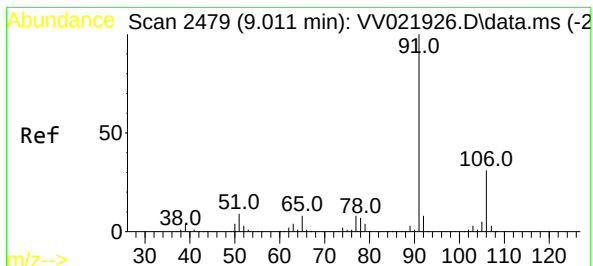


#51
Chlorobenzene
Concen: 48.696 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54



Tgt Ion:112 Resp: 406060
Ion Ratio Lower Upper
112 100
114 32.6 22.2 41.2
77 54.8 43.7 65.5





#52

Ethylbenzene

Concen: 48.700 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV021939.D

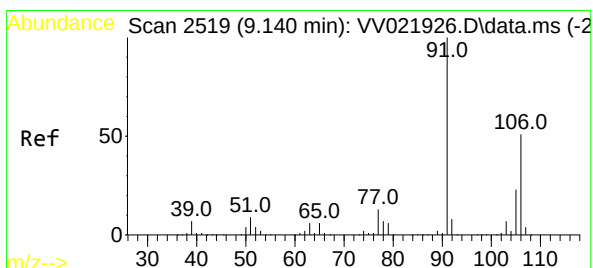
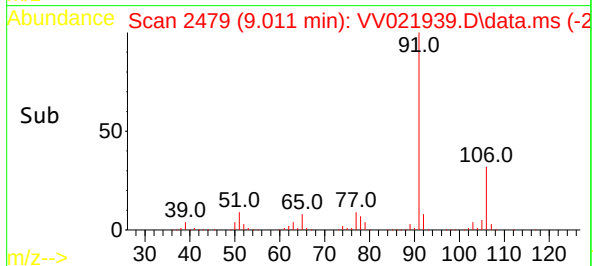
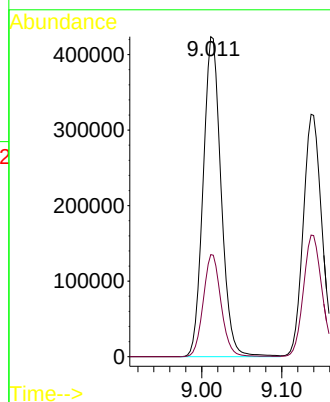
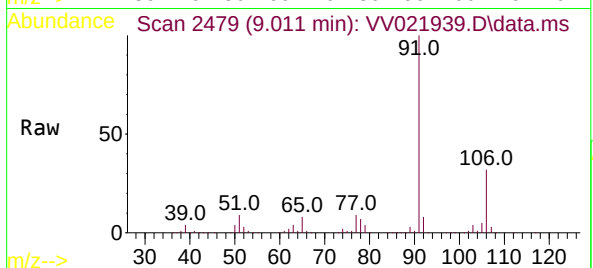
Acq: 25 Aug 2021 09:54

Tgt Ion: 91 Resp: 663563

Ion Ratio Lower Upper

91 100

106 31.9 22.2 41.2



#53

m,p-Xylene

Concen: 49.163 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV021939.D

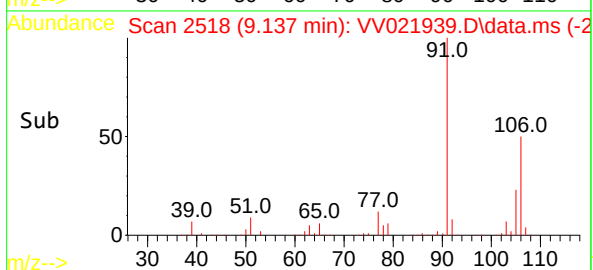
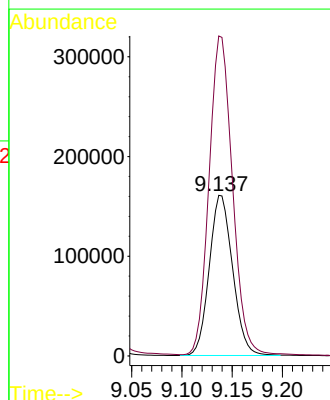
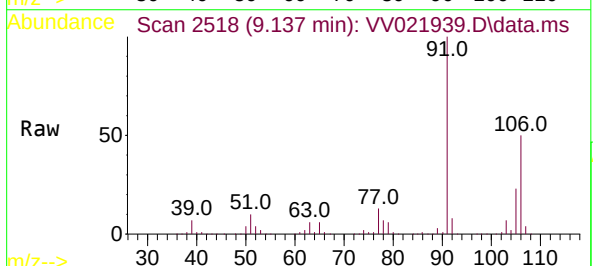
Acq: 25 Aug 2021 09:54

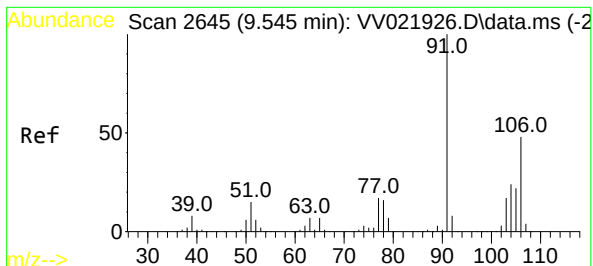
Tgt Ion: 106 Resp: 259612

Ion Ratio Lower Upper

106 100

91 199.2 139.2 258.6





#54

o-Xylene

Concen: 49.072 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV021939.D

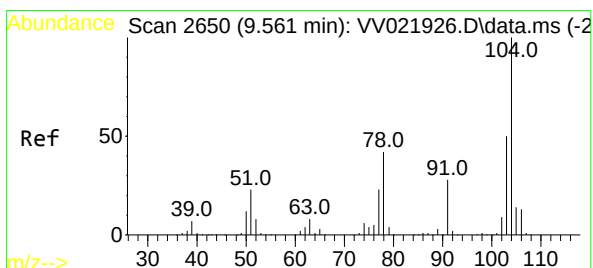
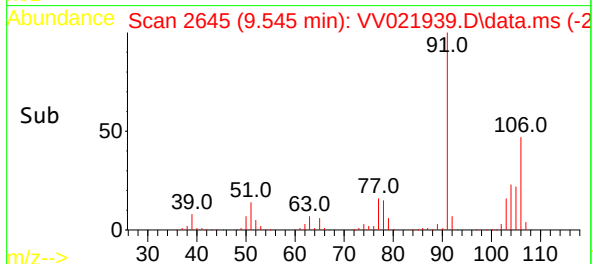
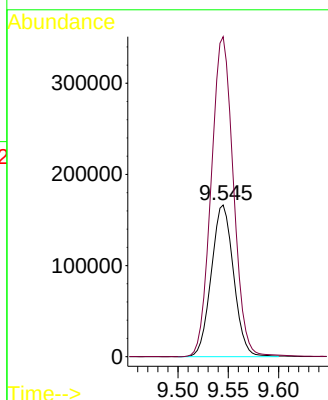
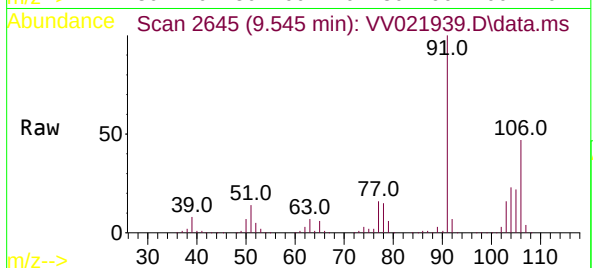
Acq: 25 Aug 2021 09:54

Tgt Ion:106 Resp: 256862

Ion Ratio Lower Upper

106 100

91 211.0 148.1 275.0



#55

Styrene

Concen: 50.853 ug/L

RT: 9.561 min Scan# 2650

Delta R.T. 0.000 min

Lab File: VV021939.D

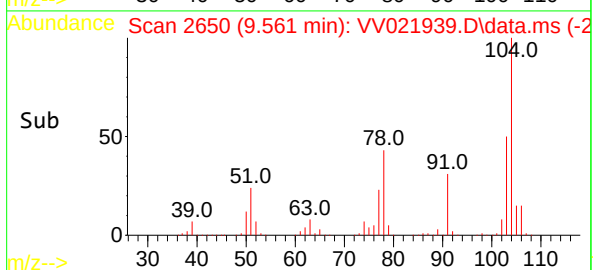
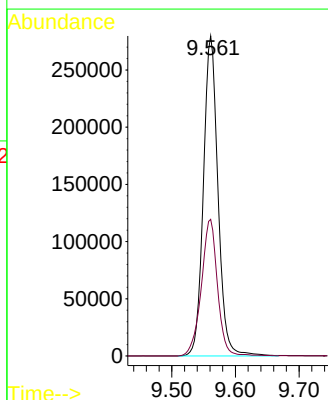
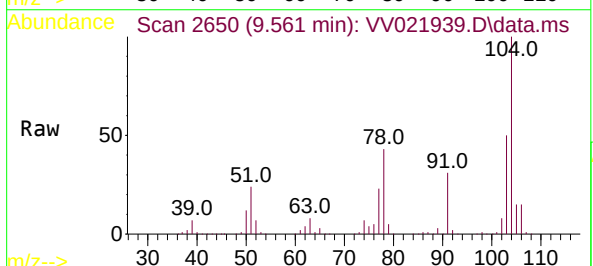
Acq: 25 Aug 2021 09:54

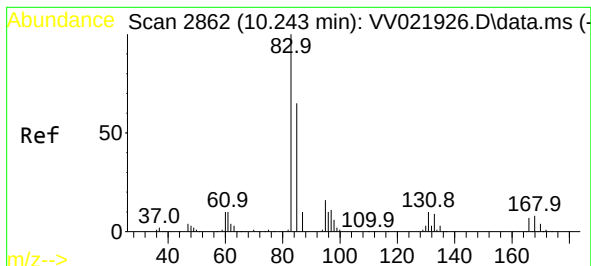
Tgt Ion:104 Resp: 445742

Ion Ratio Lower Upper

104 100

78 42.7 30.2 56.2

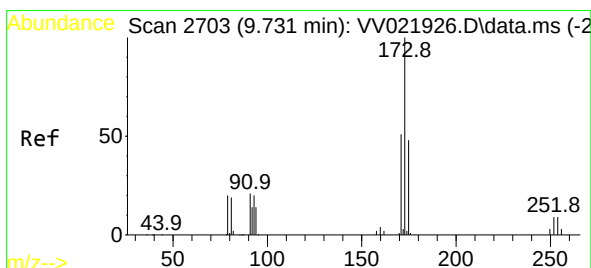
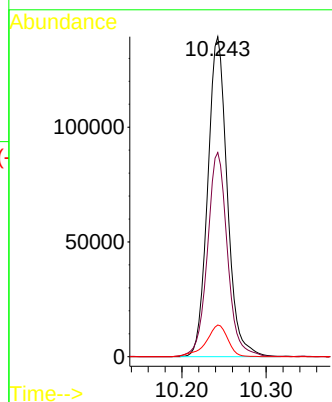
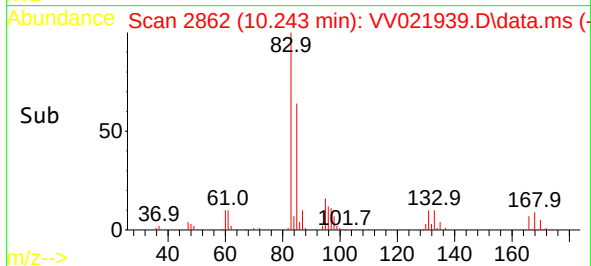
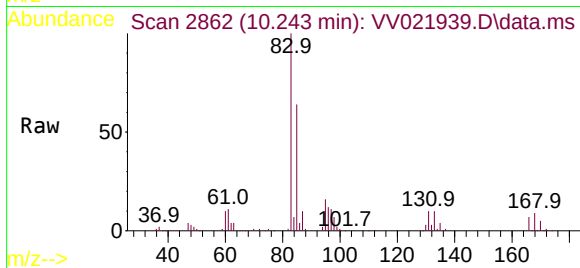




#57
1,1,2,2-Tetrachloroethane
Concen: 53.268 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

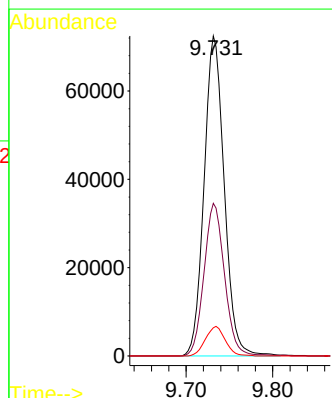
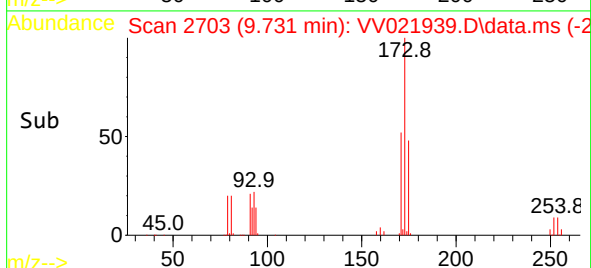
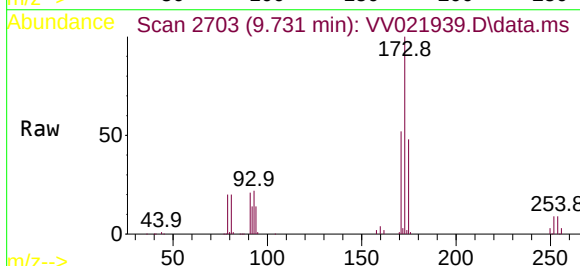
Instrument :
MSVOA_V
ClientSampled :

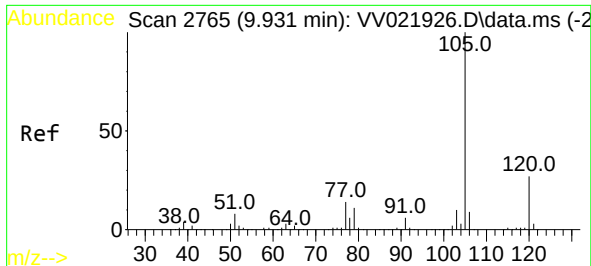
Tgt Ion: 83 Resp: 224930
Ion Ratio Lower Upper
83 100
85 63.8 44.4 82.5
131 9.9 7.9 11.9



#59
Bromoform
Concen: 45.408 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 173 Resp: 117304
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
254 9.1 7.2 10.8

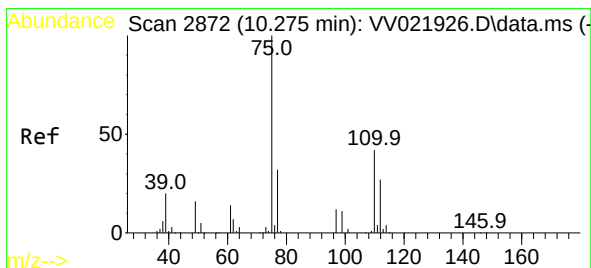
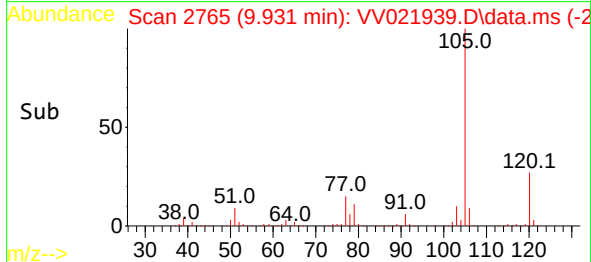
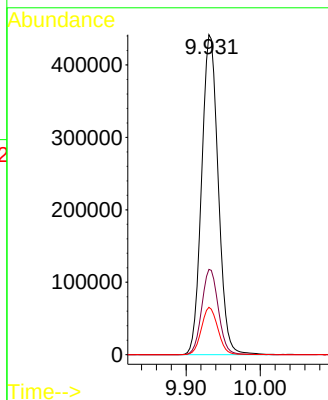
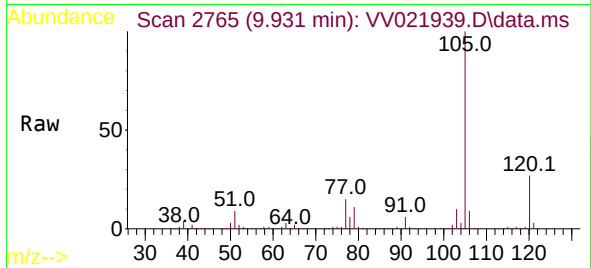




#60
Isopropylbenzene
Concen: 46.938 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

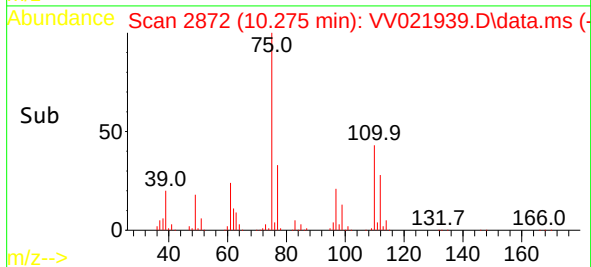
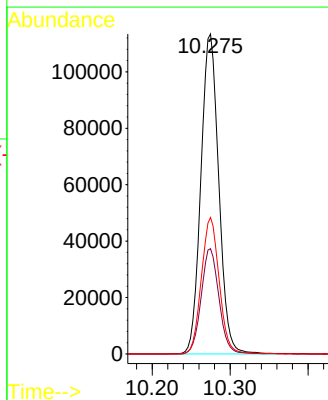
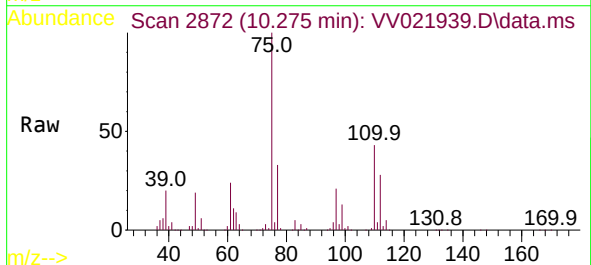
Instrument :
MSVOA_V
ClientSampled :

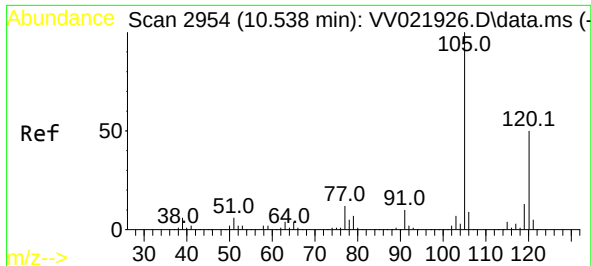
Tgt Ion:105 Resp: 683862
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 45.073 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

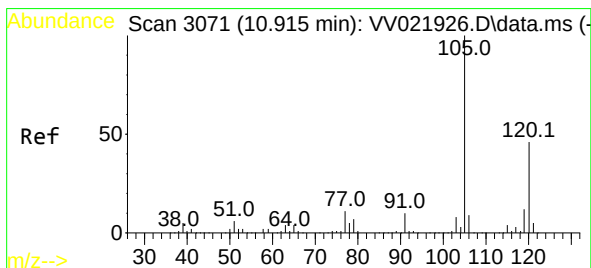
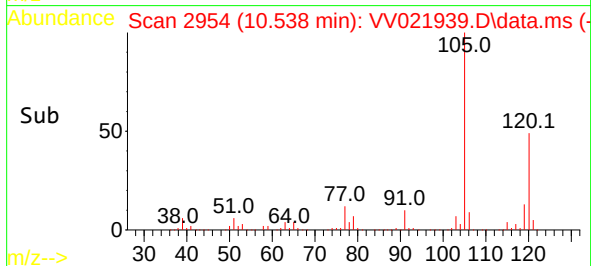
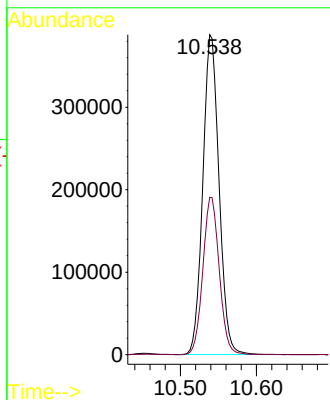
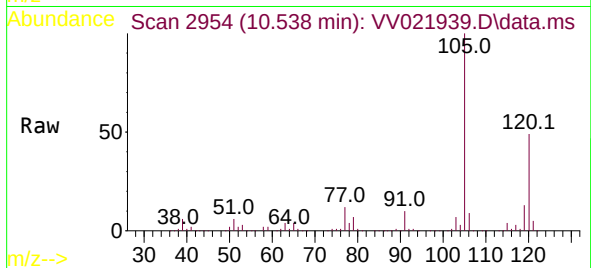
Tgt Ion: 75 Resp: 181016
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 42.4 33.4 50.2





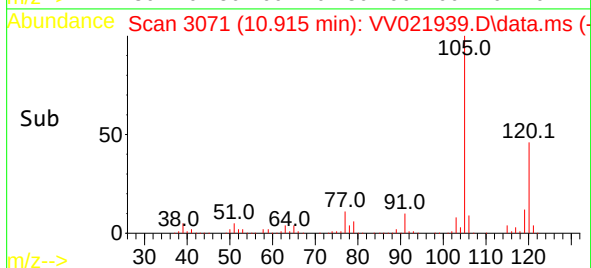
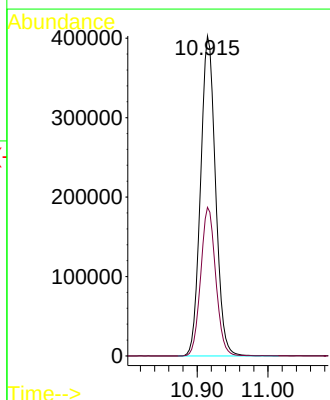
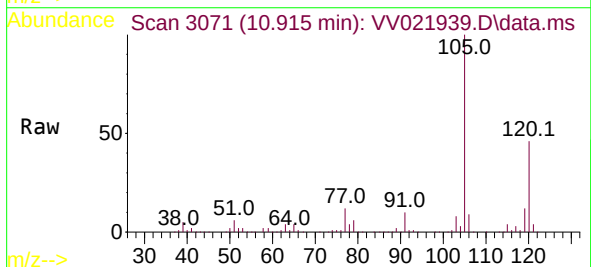
#62
1,3,5-Trimethylbenzene
Concen: 46.889 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

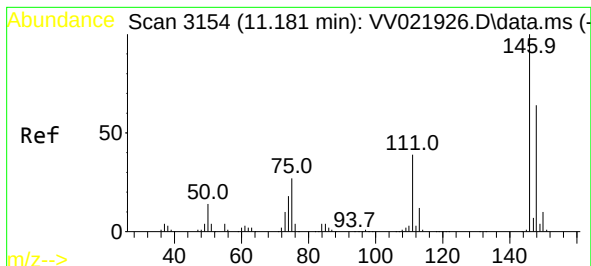
Tgt Ion:105 Resp: 573278
Ion Ratio Lower Upper
105 100
120 49.8 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 47.473 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:105 Resp: 590150
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

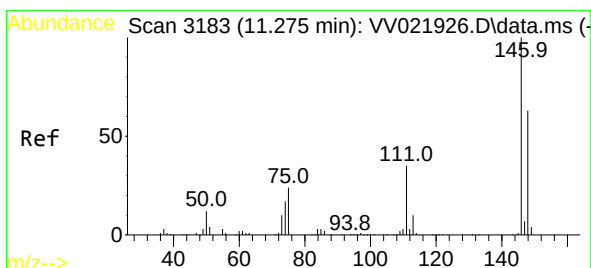
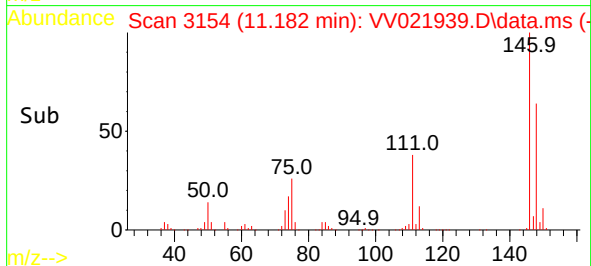
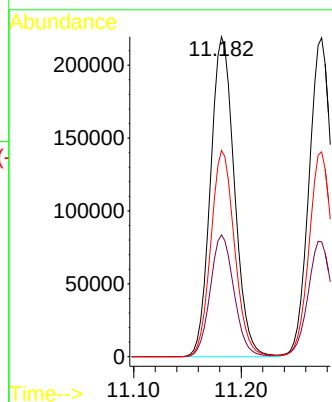
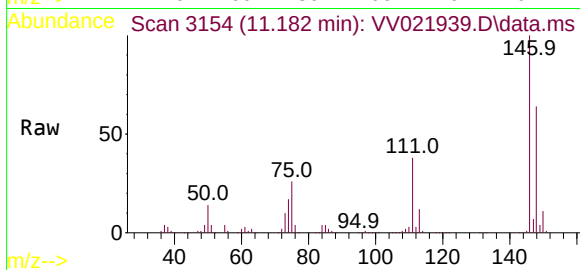




#64
1,3-Dichlorobenzene
Concen: 48.102 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

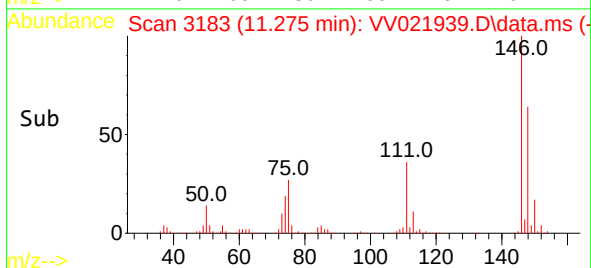
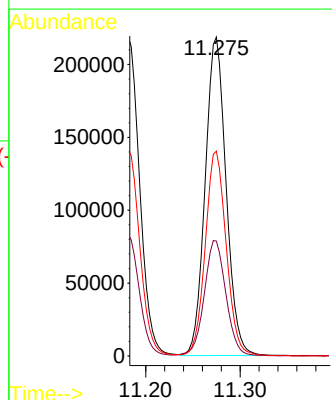
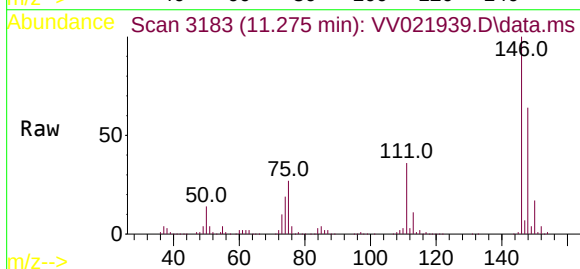
Instrument :
MSVOA_V
ClientSampled :

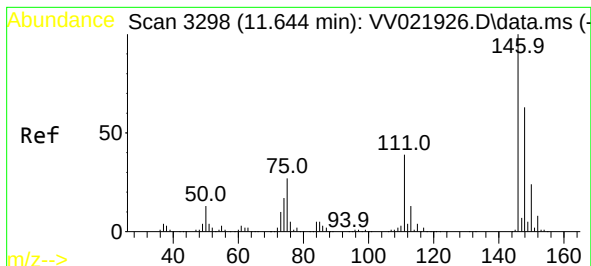
Tgt Ion:146 Resp: 339386
Ion Ratio Lower Upper
146 100
111 38.1 26.5 49.1
148 64.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 47.670 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:146 Resp: 335724
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.6
148 64.2 45.1 83.9

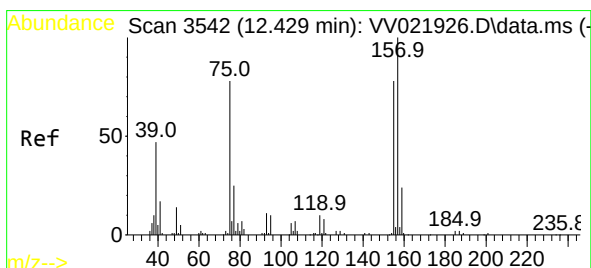
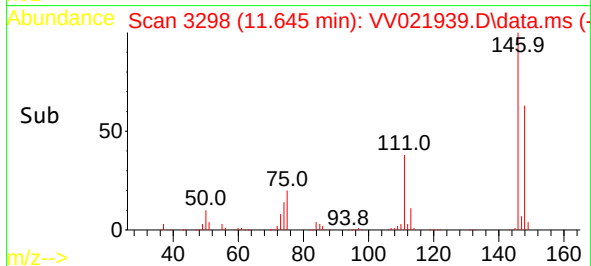
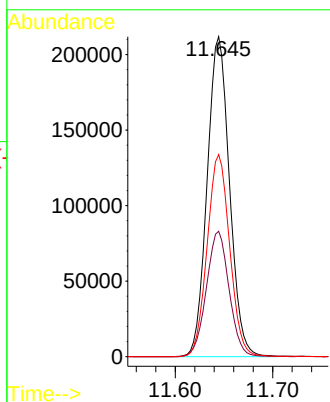
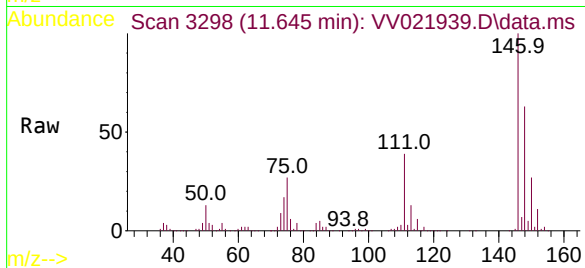




#67
1,2-Dichlorobenzene
Concen: 47.462 ug/L
RT: 11.645 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

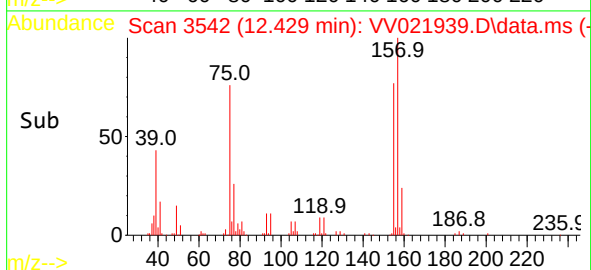
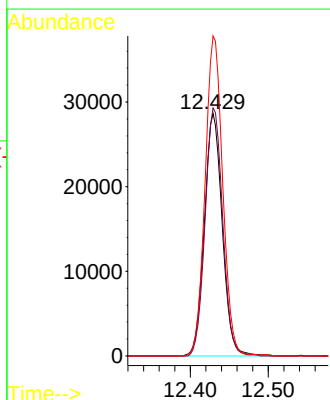
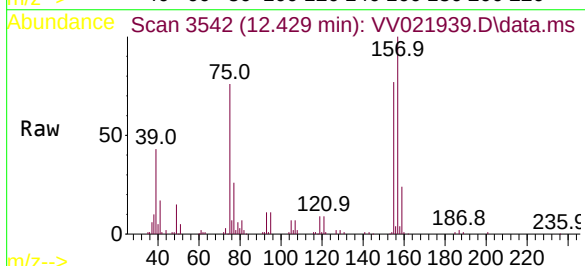
Instrument :
MSVOA_V
ClientSampled :

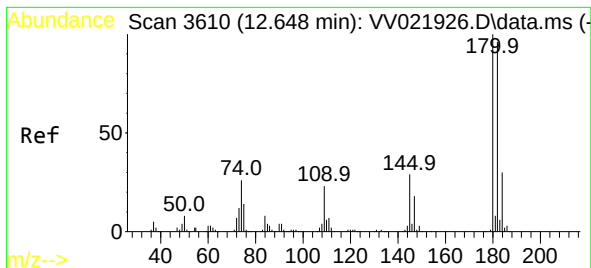
Tgt Ion:146 Resp: 337813
Ion Ratio Lower Upper
146 100
111 39.2 31.8 47.8
148 63.2 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 46.887 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion: 75 Resp: 45781
Ion Ratio Lower Upper
75 100
155 102.3 77.8 116.8
157 132.0 99.4 149.0

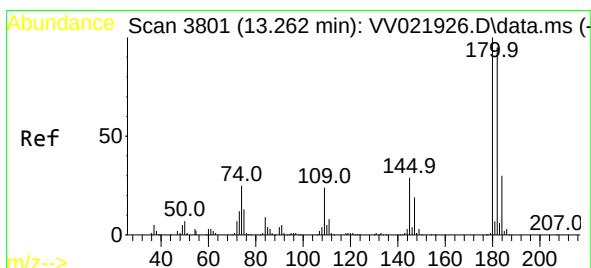
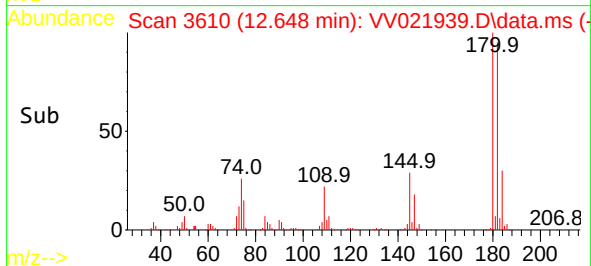
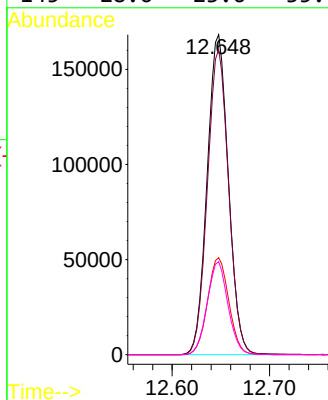
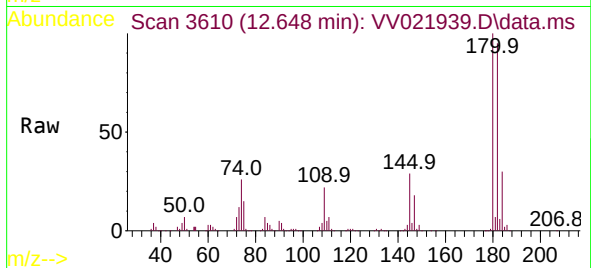




#69
1,3,5-Trichlorobenzene
Concen: 49.825 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

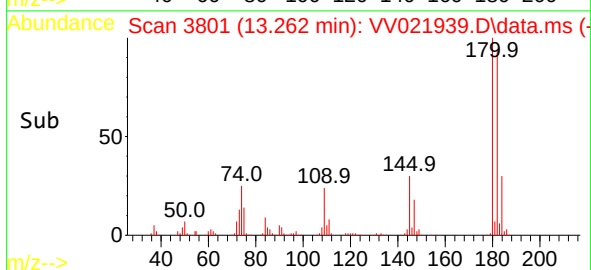
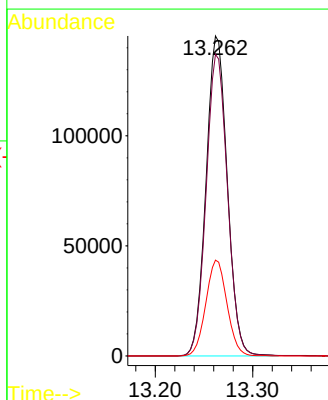
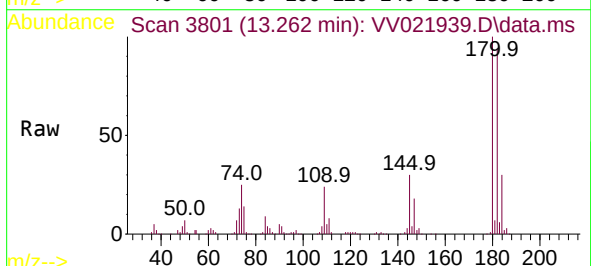
Instrument :
MSVOA_V
ClientSampleId :

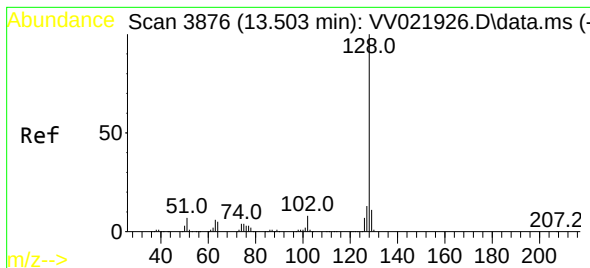
Tgt Ion:	180	Resp:	254824
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.8	115.2
184	30.4	24.1	36.1
145	28.6	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 51.312 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:	180	Resp:	220095
Ion Ratio	Lower	Upper	
180	100		
182	95.0	75.8	113.6
145	29.9	23.9	35.9

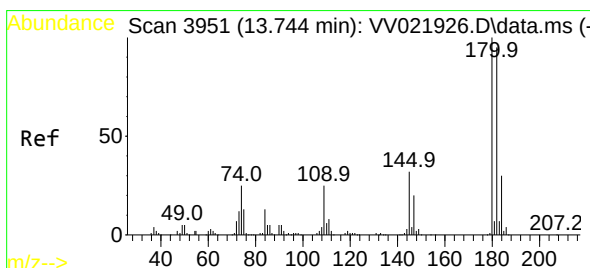
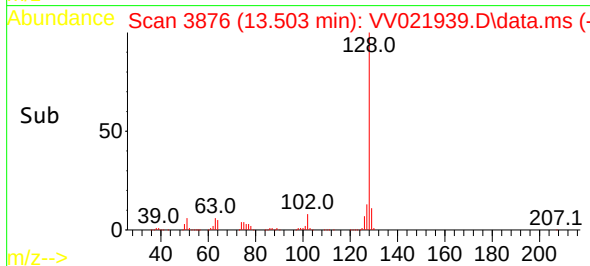
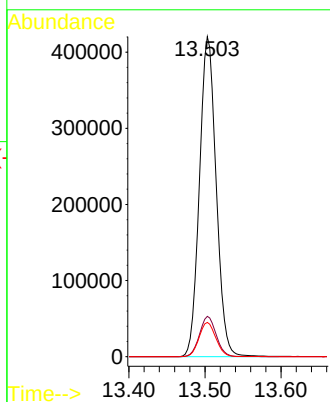
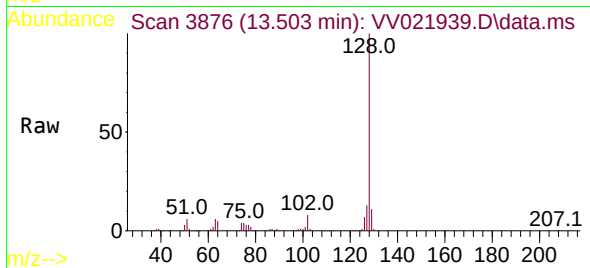




#71
Naphthalene
Concen: 51.614 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 643090
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 50.816 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021939.D
Acq: 25 Aug 2021 09:54

Tgt Ion:180 Resp: 218965
Ion Ratio Lower Upper
180 100
182 93.4 76.2 114.2
145 31.7 25.6 38.4

