

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022527.D
 Acq On : 02 Oct 2021 22:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:03:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227793	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	221292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121144	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65628	46.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.160%		
7) Chloroethane-d5	1.568	69	53484	48.296	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.600%		
11) 1,1-Dichloroethene-d2	2.108	63	140203	50.472	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.940%		
21) 2-Butanone-d5	3.892	46	56228	72.508	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.510%		
24) Chloroform-d	4.349	84	120976	47.000	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
26) 1,2-Dichloroethane-d4	5.034	65	73029	48.910	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.820%		
32) Benzene-d6	5.050	84	243925	47.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.160%		
36) 1,2-Dichloropropane-d6	6.072	67	71994	45.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.240%		
41) Toluene-d8	7.317	98	232717	49.487	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.980%		
43) trans-1,3-Dichloroprop...	7.622	79	35577	47.645	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.300%		
47) 2-Hexanone-d5	8.092	63	65634	100.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.390%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	106574	48.562	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.120%		
66) 1,2-Dichlorobenzene-d4	11.625	152	93986	47.574	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	114745	50.368	ug/L	99
3) Chloromethane	1.240	50	110650	48.844	ug/L	99
5) Vinyl chloride	1.311	62	112453	52.369	ug/L	99
6) Bromomethane	1.523	94	63135	42.111	ug/L	99
8) Chloroethane	1.584	64	66683	50.918	ug/L	100
9) Trichlorofluoromethane	1.751	101	161331	54.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	84786	50.785	ug/L	100
12) 1,1-Dichloroethene	2.118	96	81628	51.299	ug/L	94
14) Carbon disulfide	2.291	76	248659	51.732	ug/L	98
15) Methyl Acetate	2.429	43	83920	46.961	ug/L	98
16) Methylene chloride	2.507	84	94983	47.510	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	87455	50.068	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	270471	50.155	ug/L	98
19) 1,1-Dichloroethane	3.188	63	153551	49.681	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	90158	48.449	ug/L	99
22) 2-Butanone	3.976	43	92710	71.877	ug/L	96
23) Bromochloromethane	4.249	128	50747	49.638	ug/L	92
25) Chloroform	4.378	83	163671	52.626	ug/L	98
27) 1,2-Dichloroethane	5.134	62	114678	50.921	ug/L	97

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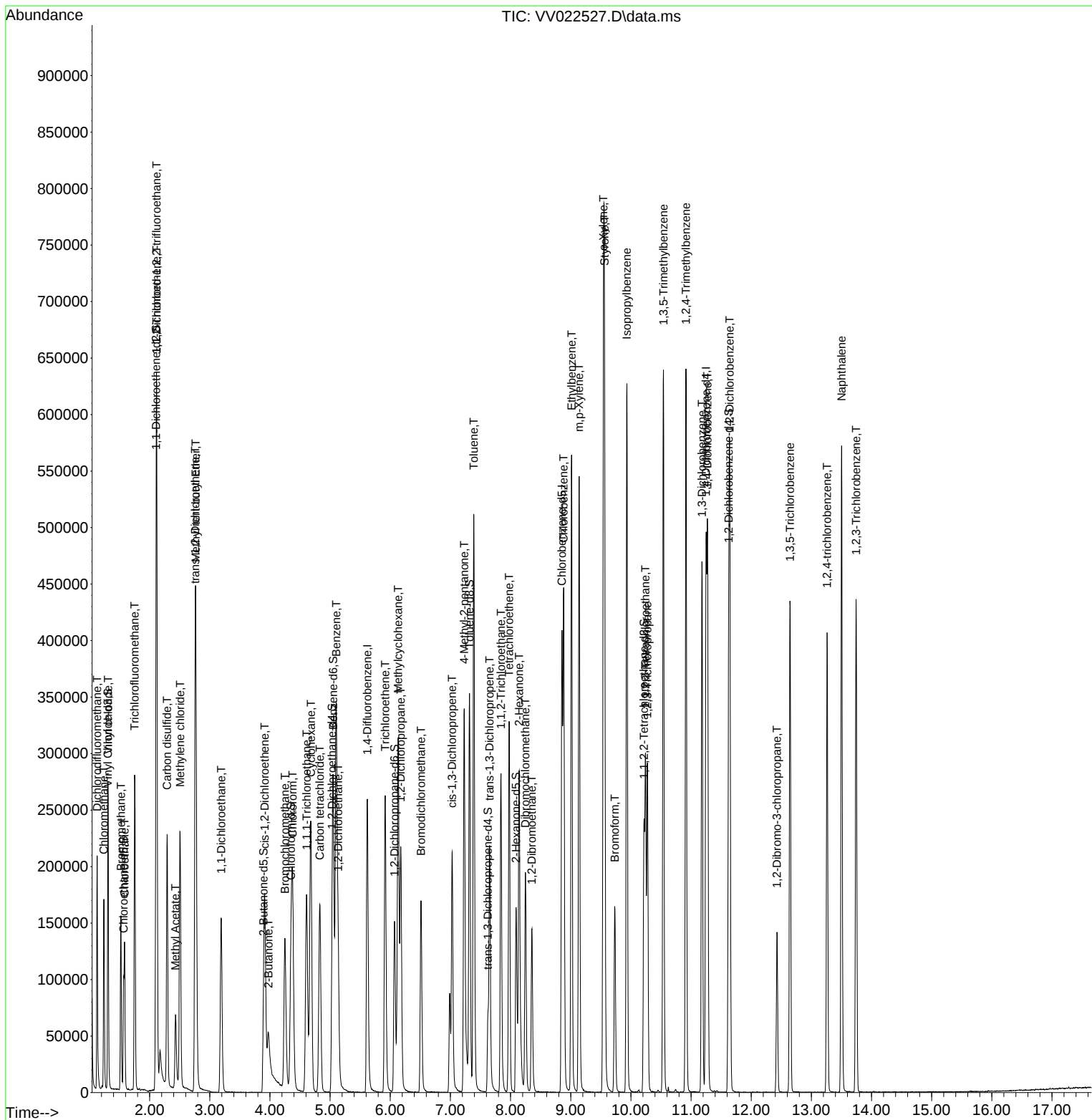
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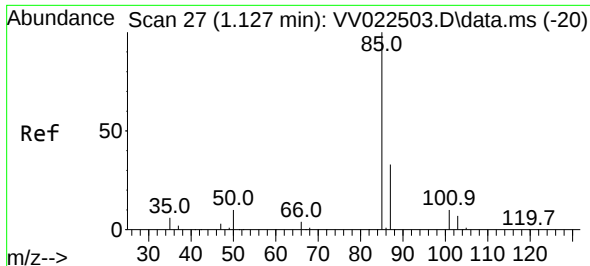
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	130430	50.567	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	142070	51.394	ug/L	100
31) Carbon tetrachloride	4.828	117	127351	52.440	ug/L	98
33) Benzene	5.101	78	342514	50.128	ug/L	100
34) Trichloroethene	5.915	95	91195	51.117	ug/L	99
35) Methylcyclohexane	6.130	83	134568	49.746	ug/L	99
37) 1,2-Dichloropropane	6.175	63	84001	48.017	ug/L	100
38) Bromodichloromethane	6.513	83	115353	50.763	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	129339	49.160	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	250235	101.801	ug/L	100
42) Toluene	7.387	91	373380	51.876	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	123662	48.819	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	89148	49.228	ug/L	99
46) Tetrachloroethene	7.976	164	75918	50.832	ug/L	99
48) 2-Hexanone	8.143	43	198559	105.615	ug/L	98
49) Dibromochloromethane	8.246	129	100764	51.418	ug/L	100
50) 1,2-Dibromoethane	8.355	107	96499	49.493	ug/L	97
51) Chlorobenzene	8.883	112	241298	50.402	ug/L	98
52) Ethylbenzene	9.014	91	388650	51.883	ug/L	99
53) m,p-Xylene	9.140	106	154619	52.097	ug/L	99
54) o-Xylene	9.545	106	151708	52.466	ug/L	99
55) Styrene	9.561	104	266525	53.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	138786	49.586	ug/L	99
59) Bromoform	9.731	173	75901	50.670	ug/L	99
60) Isopropylbenzene	9.934	105	393494	51.053	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	112235	48.716	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	330984	51.002	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	339736	52.660	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	196836	50.337	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	197860	48.720	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	198792	49.746	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	31082	49.241	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	139736	48.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122434	46.861	ug/L	98
71) Naphthalene	13.503	128	432158	50.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	135753	50.271	ug/L	98

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

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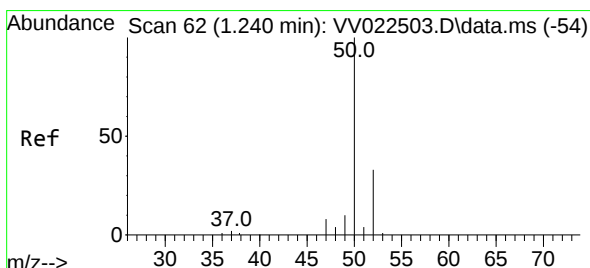
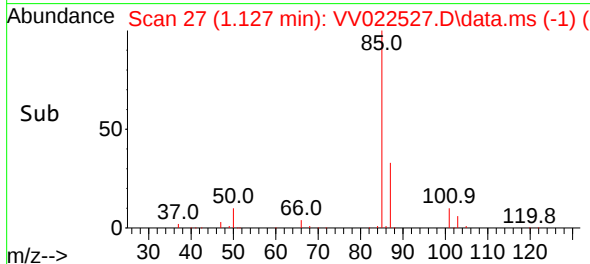
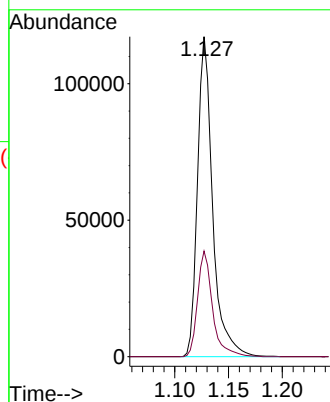
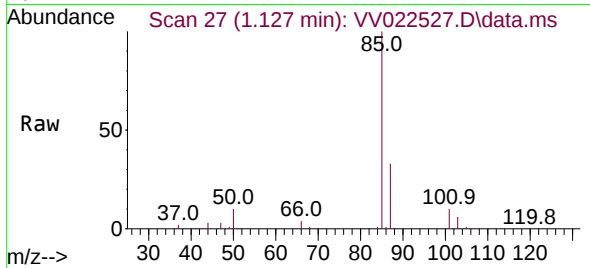




#2
 Dichlorodifluoromethane
 Concen: 50.368 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022527.D
 Acq: 02 Oct 2021 22:02

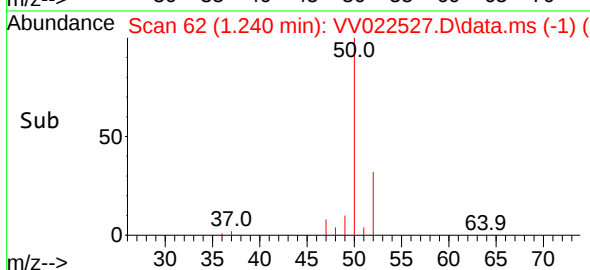
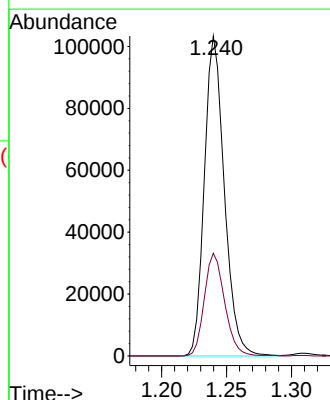
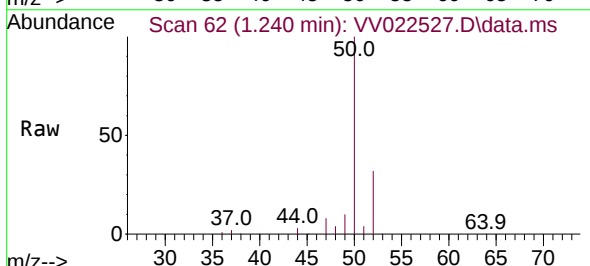
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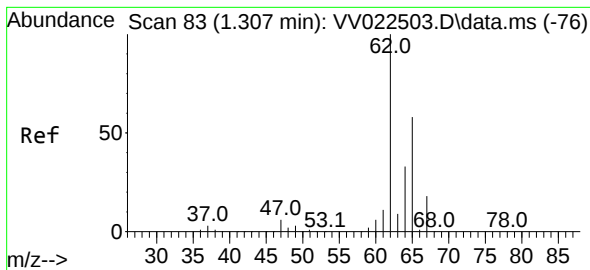
Tgt Ion: 85 Resp: 114745
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.8 38.6



#3
 Chloromethane
 Concen: 48.844 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022527.D
 Acq: 02 Oct 2021 22:02

Tgt Ion: 50 Resp: 110650
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.8

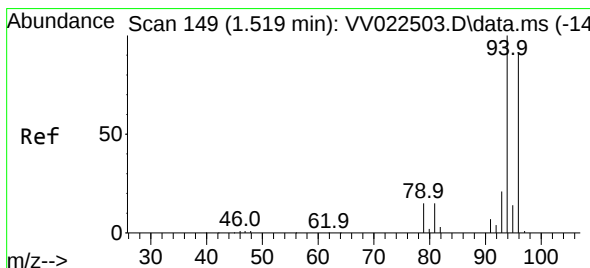
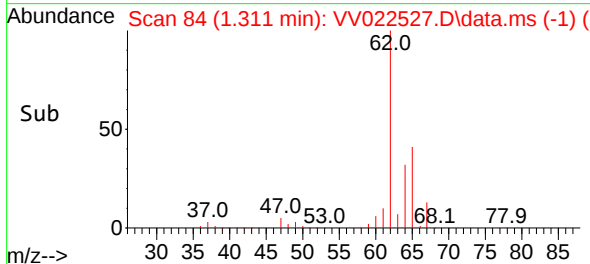
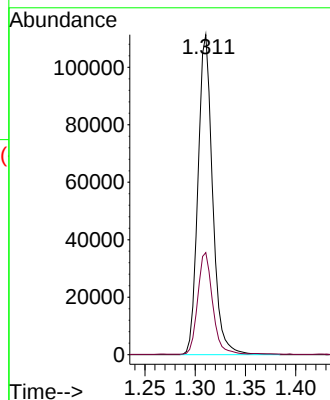
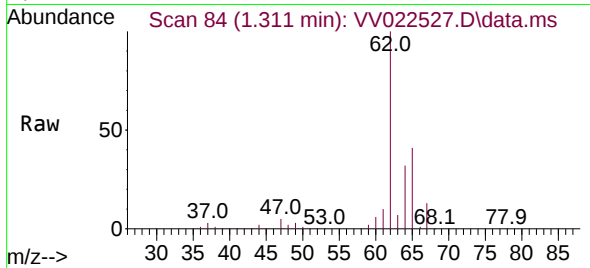




#5
 Vinyl chloride
 Concen: 52.369 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV022527.D
 Acq: 02 Oct 2021 22:02

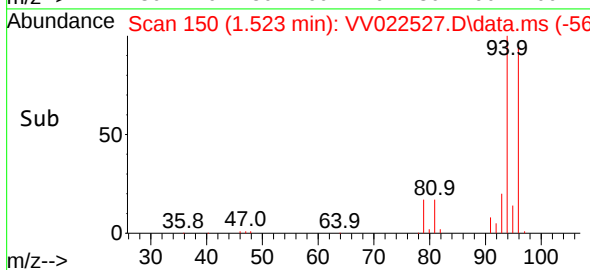
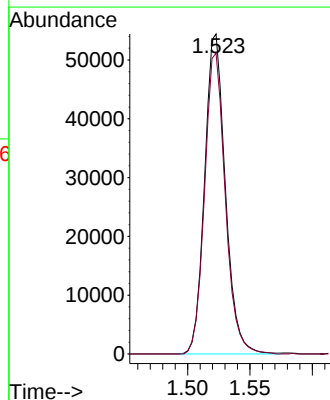
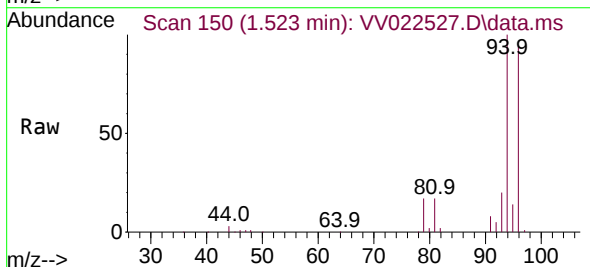
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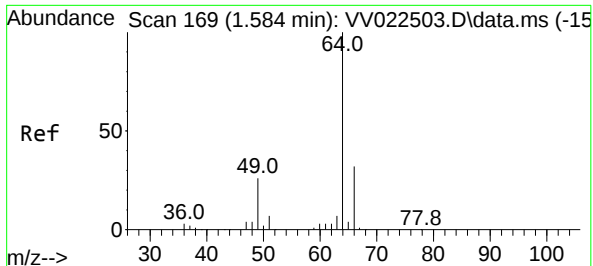
Tgt Ion: 62 Resp: 112453
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.5 41.9



#6
 Bromomethane
 Concen: 42.111 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV022527.D
 Acq: 02 Oct 2021 22:02

Tgt Ion: 94 Resp: 63135
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.4 123.2

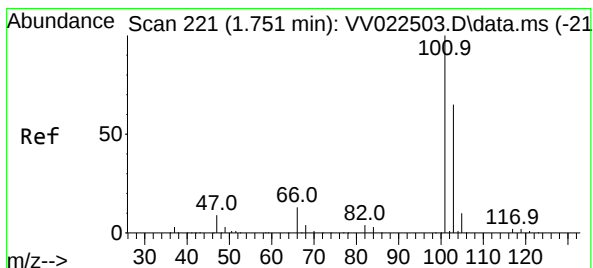
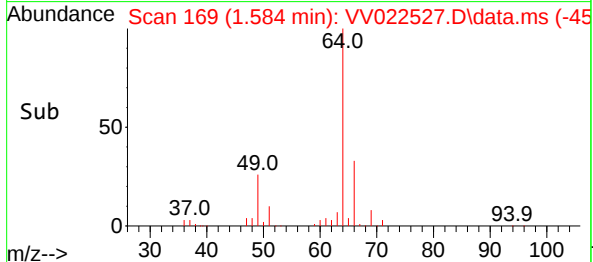
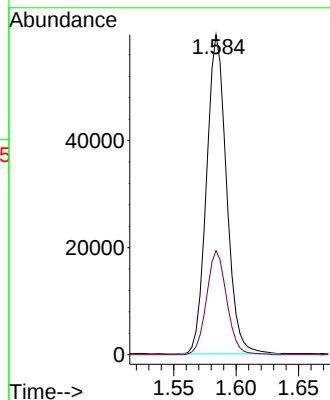
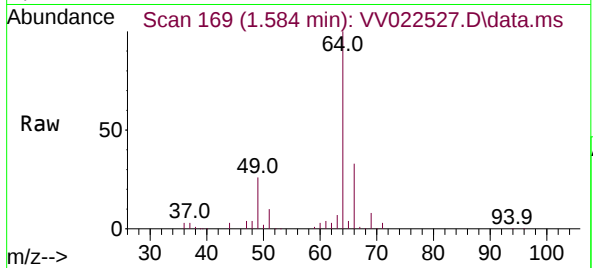




#8
Chloroethane
Concen: 50.918 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

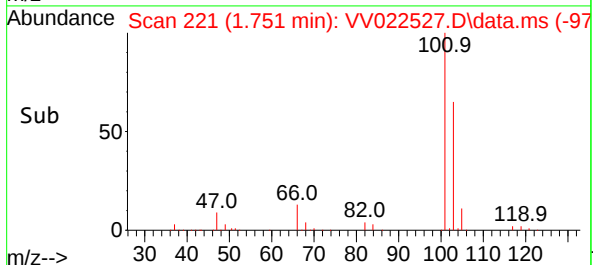
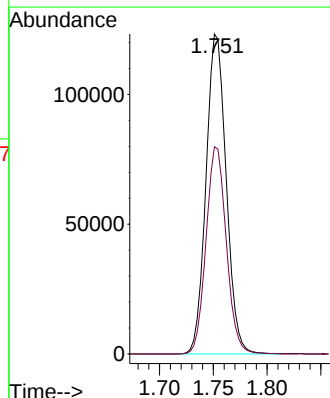
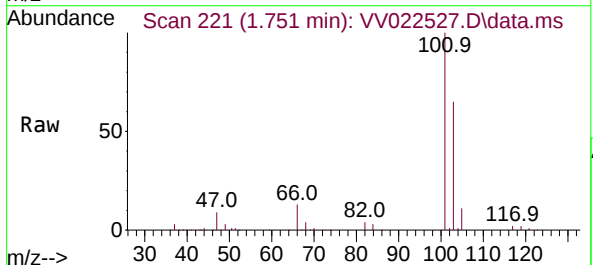
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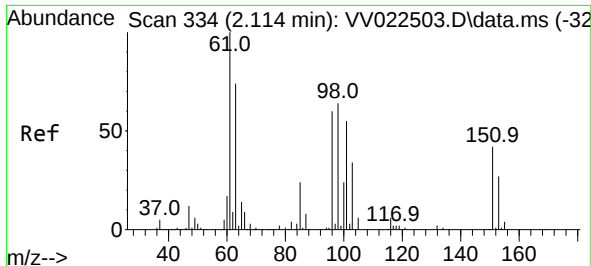
Tgt Ion: 64 Resp: 66683
Ion Ratio Lower Upper
64 100
66 32.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 54.702 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion:101 Resp: 161331
Ion Ratio Lower Upper
101 100
103 65.0 51.7 77.5

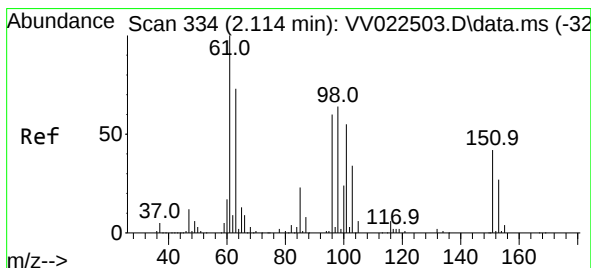
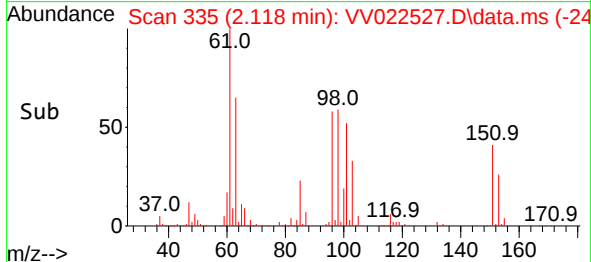
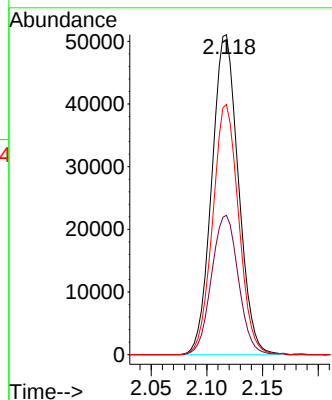
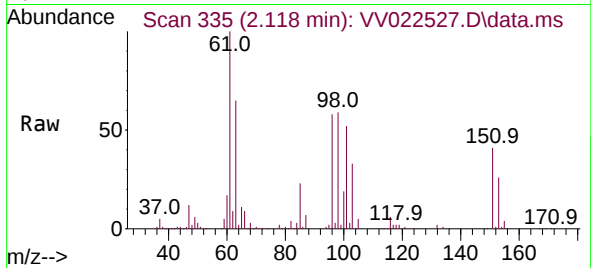




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.785 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

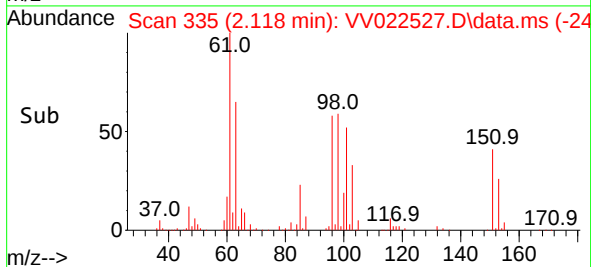
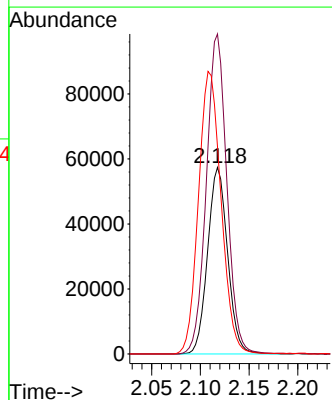
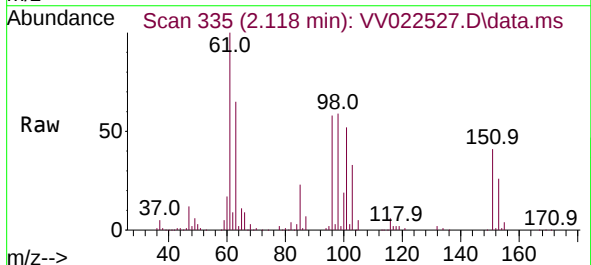
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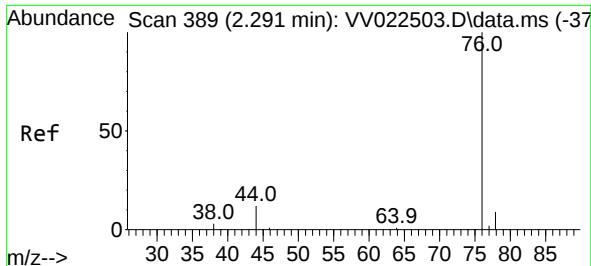
Tgt Ion:101 Resp: 84786
Ion Ratio Lower Upper
101 100
85 44.1 34.7 52.1
151 76.7 61.3 91.9



#12
1,1-Dichloroethene
Concen: 51.299 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 96 Resp: 81628
Ion Ratio Lower Upper
96 100
61 171.6 118.0 219.2
63 111.2 86.4 160.4

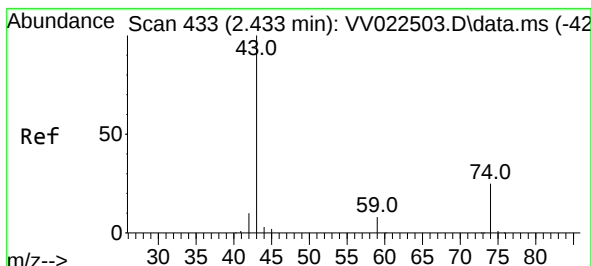
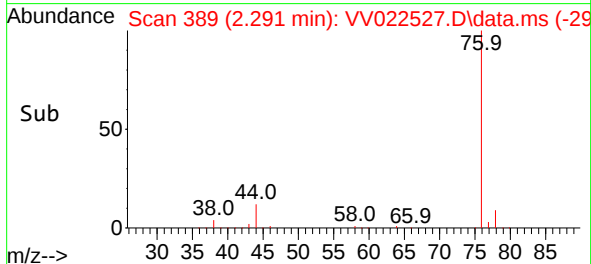
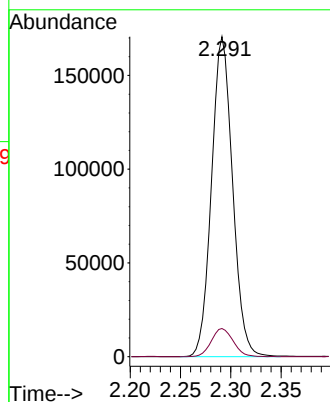
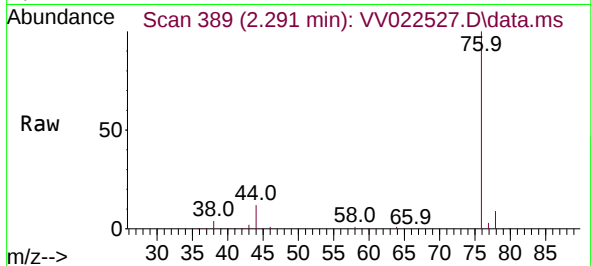




#14
Carbon disulfide
Concen: 51.732 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

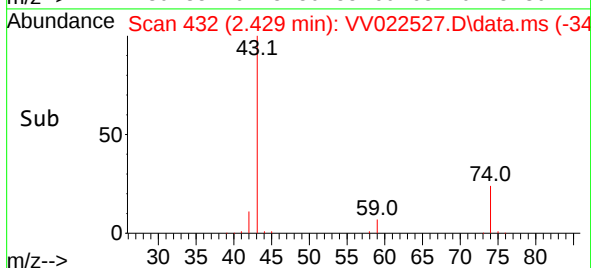
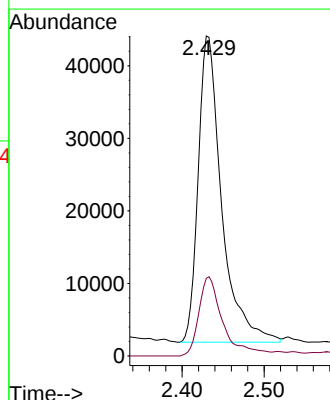
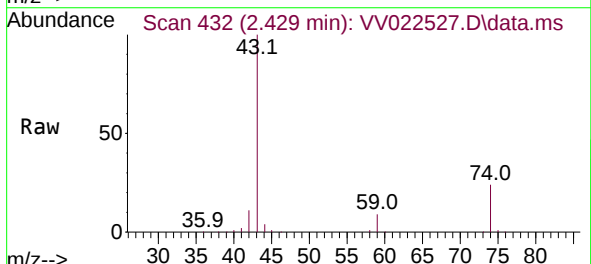
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ClientSampled :

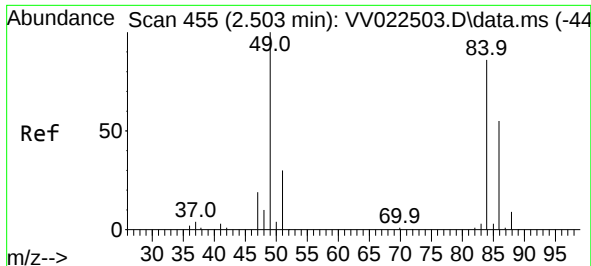
Tgt Ion: 76 Resp: 248659
Ion Ratio Lower Upper
76 100
78 8.8 7.6 11.4



#15
Methyl Acetate
Concen: 46.961 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 43 Resp: 83920
Ion Ratio Lower Upper
43 100
74 26.6 20.6 30.8

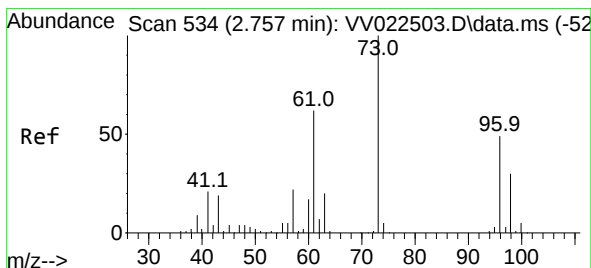
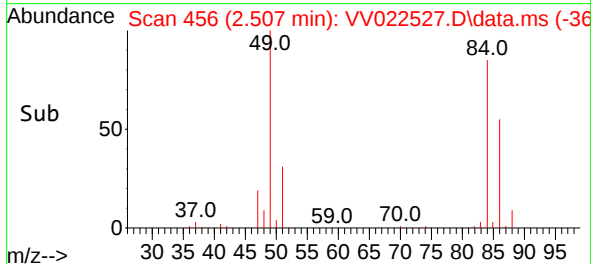
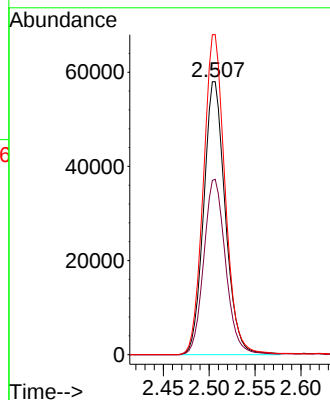
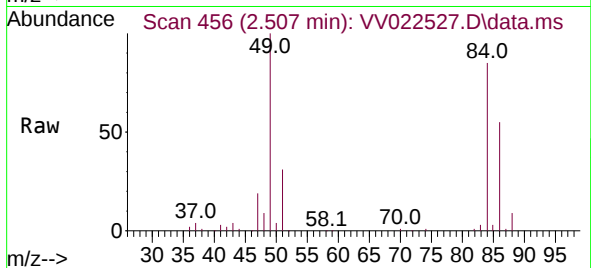




#16
Methylene chloride
Concen: 47.510 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

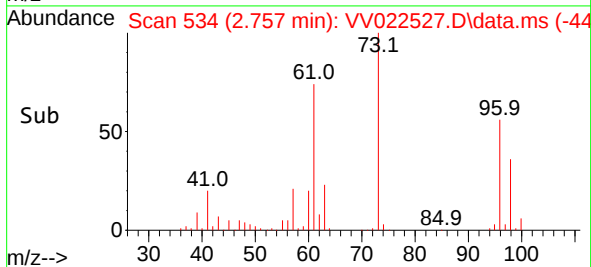
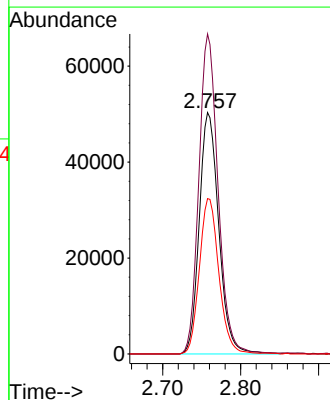
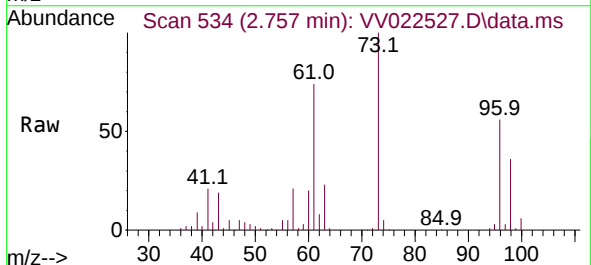
Instrument :
MSVOA_V
ClientSampled :

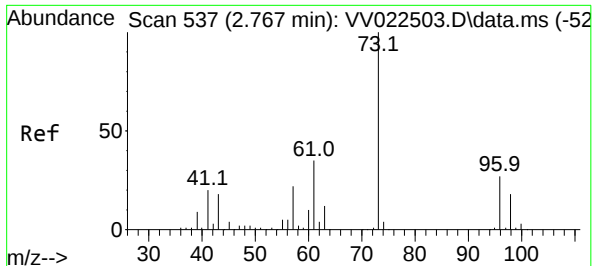
Tgt Ion: 84 Resp: 94983
Ion Ratio Lower Upper
84 100
86 64.2 45.6 84.6
49 117.2 82.7 153.7



#17
trans-1,2-Dichloroethene
Concen: 50.068 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 96 Resp: 87455
Ion Ratio Lower Upper
96 100
61 132.5 90.8 168.6
98 64.3 44.0 81.8

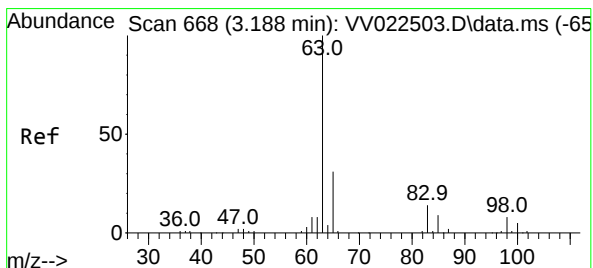
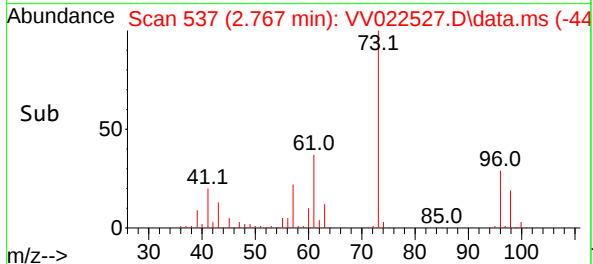
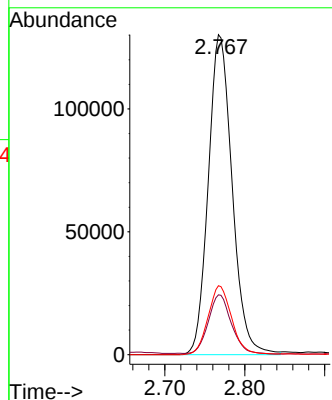
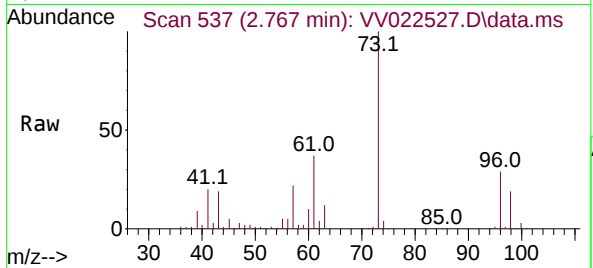




#18
Methyl tert-butyl Ether
Concen: 50.155 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

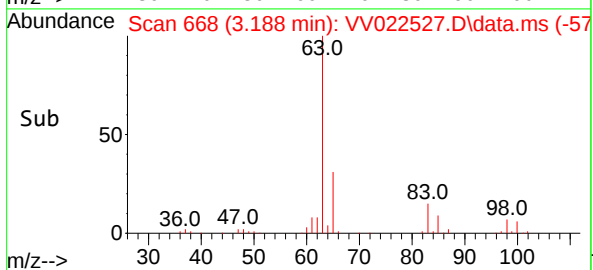
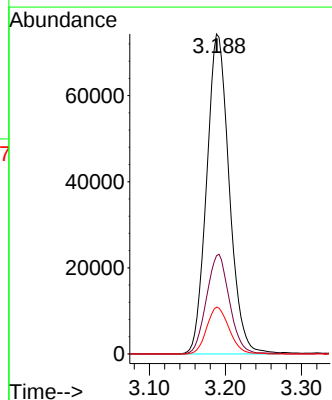
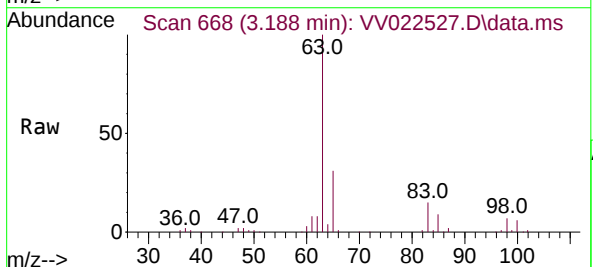
Instrument :
MSVOA_V
ClientSampled :

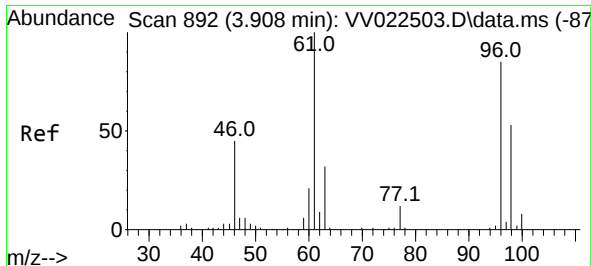
Tgt Ion: 73 Resp: 270471
Ion Ratio Lower Upper
73 100
43 17.8 15.1 22.7
57 21.3 17.6 26.4



#19
1,1-Dichloroethane
Concen: 49.681 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 63 Resp: 153551
Ion Ratio Lower Upper
63 100
65 30.7 22.9 42.5
83 14.7 9.4 17.4

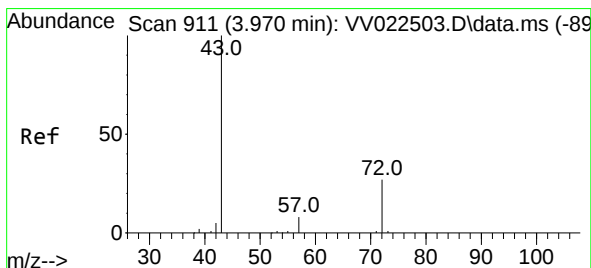
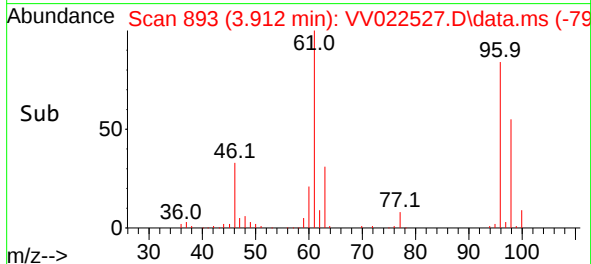
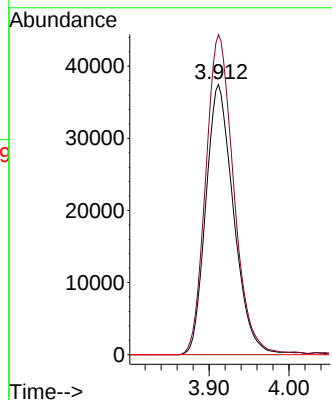
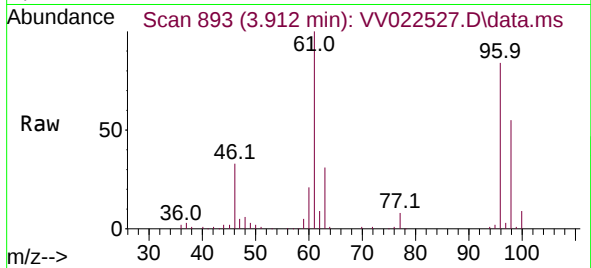




#20
cis-1,2-Dichloroethene
Concen: 48.449 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

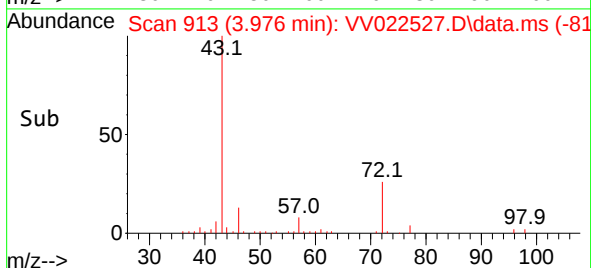
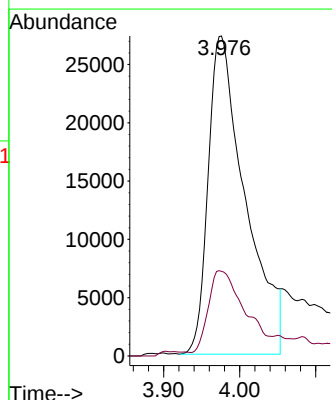
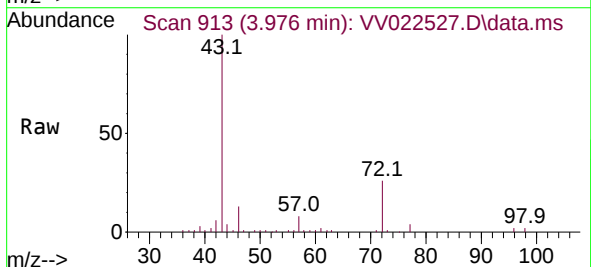
Instrument :
MSVOA_V
ClientSampled :

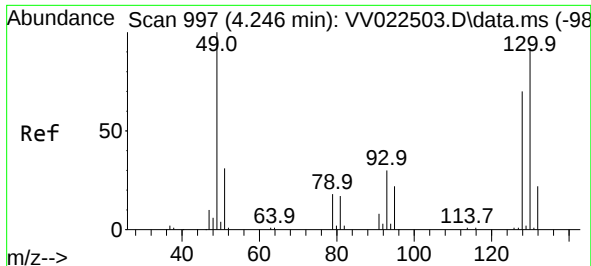
Tgt Ion: 96 Resp: 90158
Ion Ratio Lower Upper
96 100
61 118.4 81.9 152.1
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 71.877 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.006 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 43 Resp: 92710
Ion Ratio Lower Upper
43 100
72 21.5 10.0 29.8

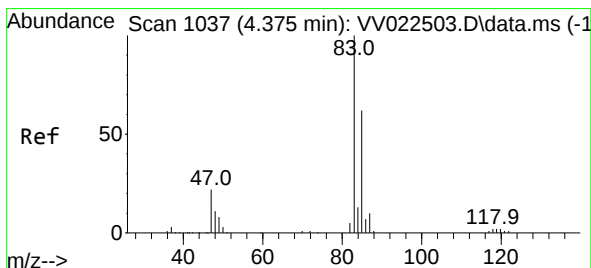
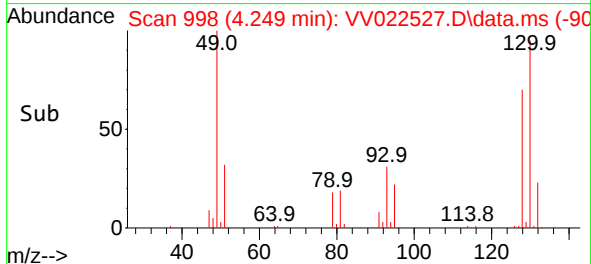
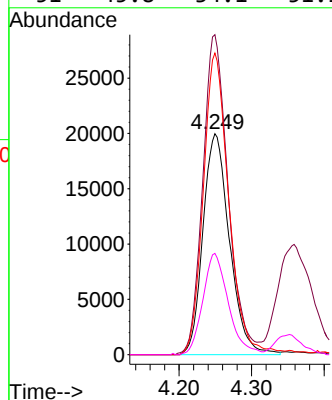
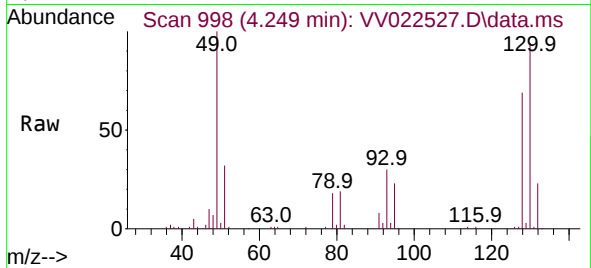




#23
Bromochloromethane
Concen: 49.638 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

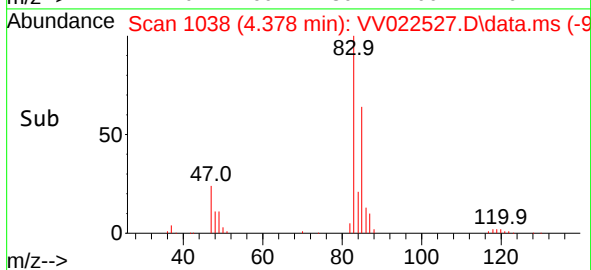
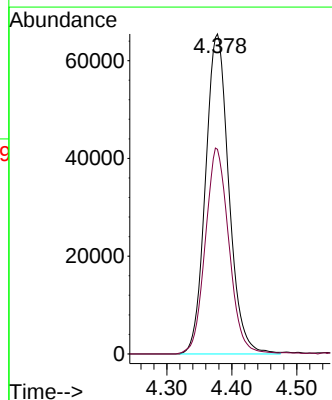
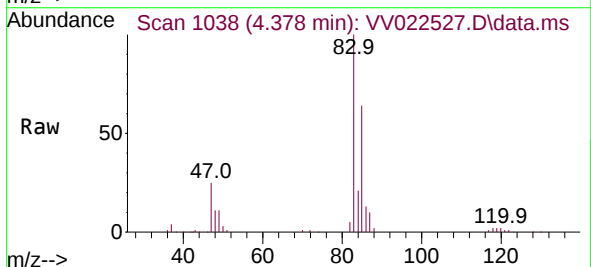
Instrument :
MSVOA_V
ClientSampleId :

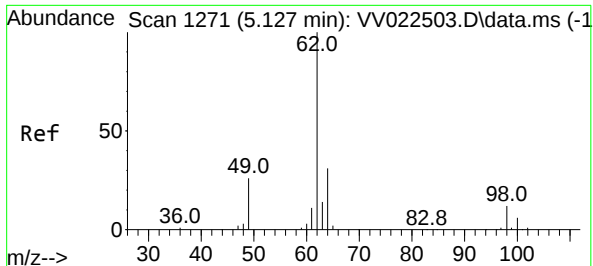
Tgt Ion:128 Resp: 50747
Ion Ratio Lower Upper
128 100
49 144.8 97.2 180.4
130 136.5 86.3 160.3
51 45.8 34.1 51.1



#25
Chloroform
Concen: 52.626 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 83 Resp: 163671
Ion Ratio Lower Upper
83 100
85 64.0 45.8 85.0





#27

1,2-Dichloroethane

Concen: 50.921 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV022527.D

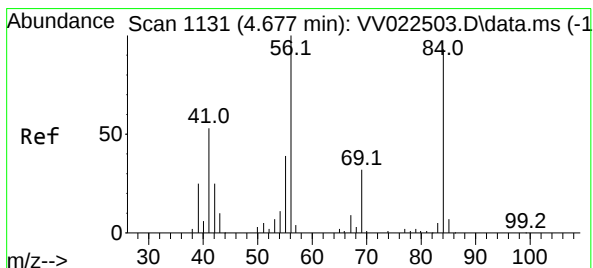
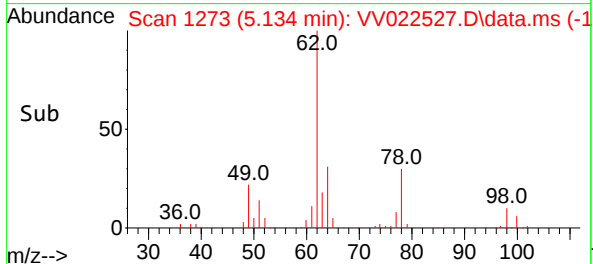
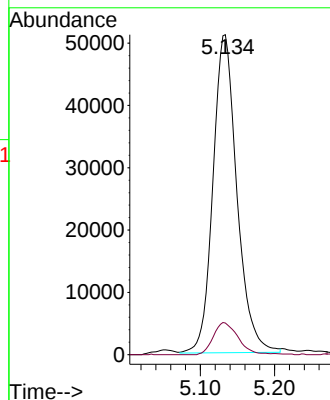
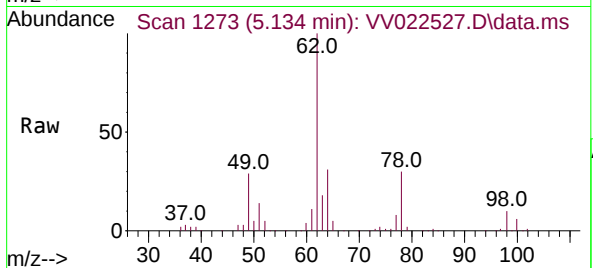
Acq: 02 Oct 2021 22:02

Tgt Ion: 62 Resp: 114678

Ion Ratio Lower Upper

62 100

98 9.9 9.0 13.4



#29

Cyclohexane

Concen: 50.567 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV022527.D

Acq: 02 Oct 2021 22:02

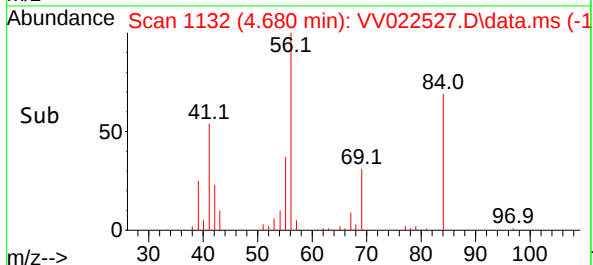
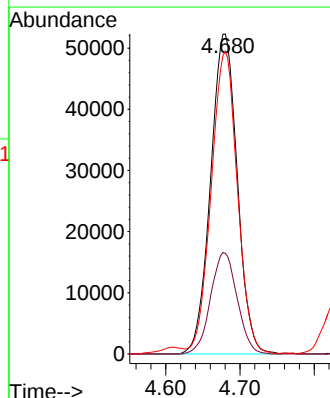
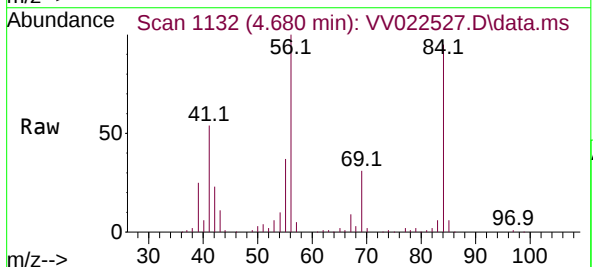
Tgt Ion: 56 Resp: 130430

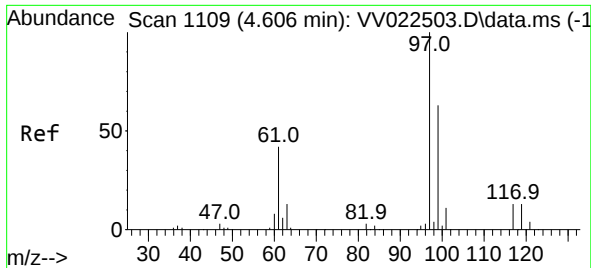
Ion Ratio Lower Upper

56 100

69 31.5 24.9 37.3

84 93.3 73.9 110.9

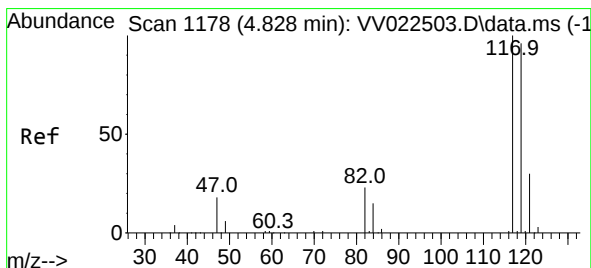
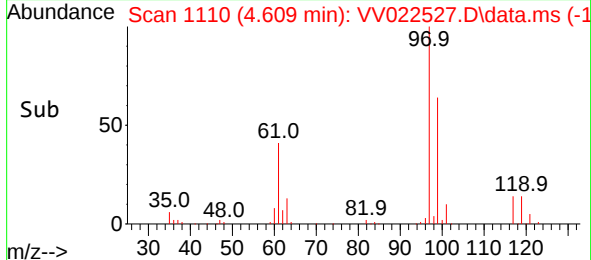
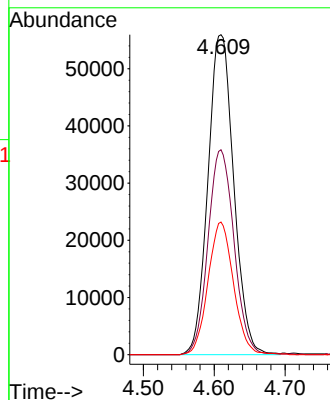
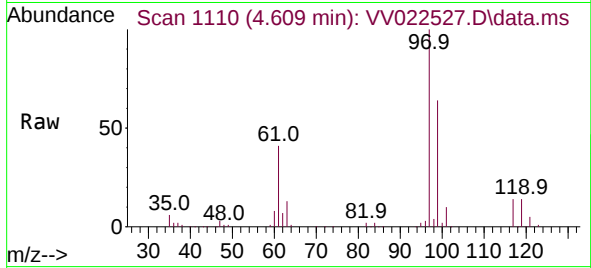




#30
1,1,1-Trichloroethane
Concen: 51.394 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

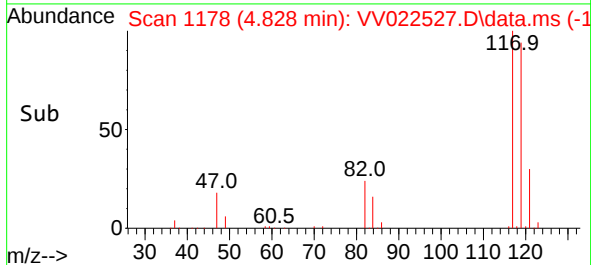
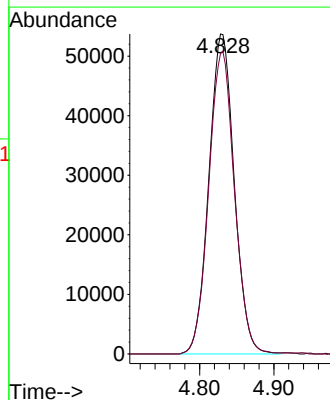
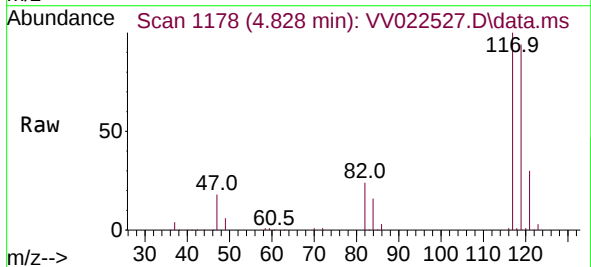
Instrument :
MSVOA_V
ClientSampled :

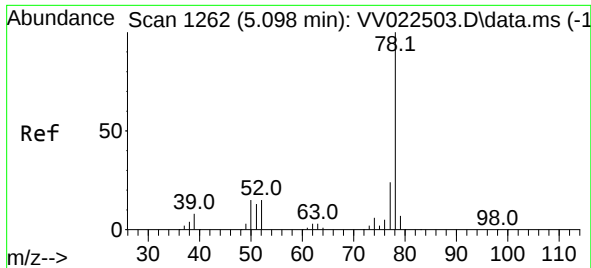
Tgt Ion: 97 Resp: 142070
Ion Ratio Lower Upper
97 100
99 64.5 51.7 77.5
61 40.7 32.9 49.3



#31
Carbon tetrachloride
Concen: 52.440 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 117 Resp: 127351
Ion Ratio Lower Upper
117 100
119 95.9 78.3 117.5

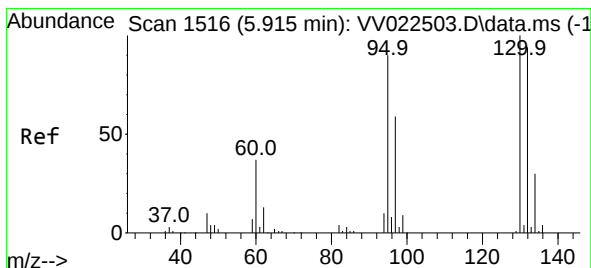
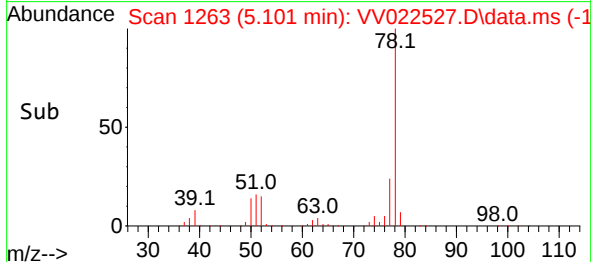
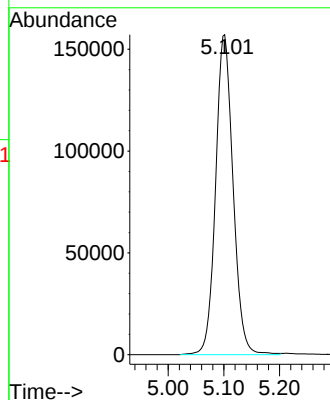
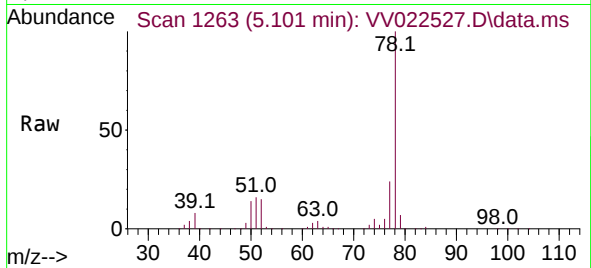




#33
Benzene
Concen: 50.128 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Instrument :
MSVOA_V
ClientSampled :

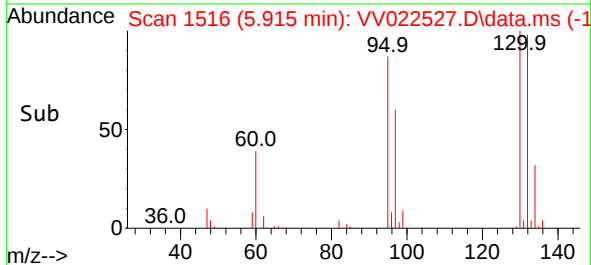
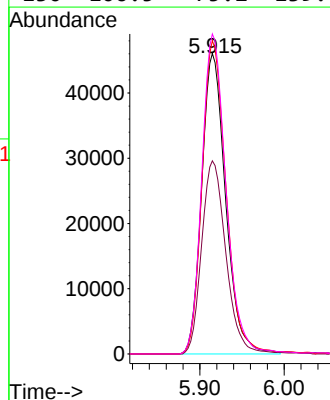
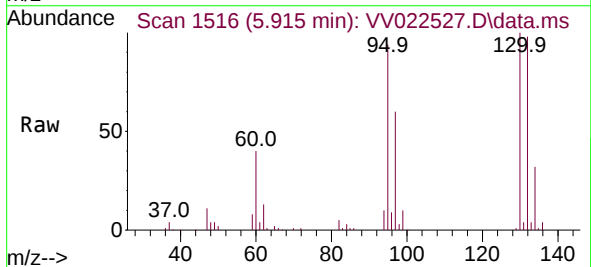
Tgt Ion: 78 Resp: 342514

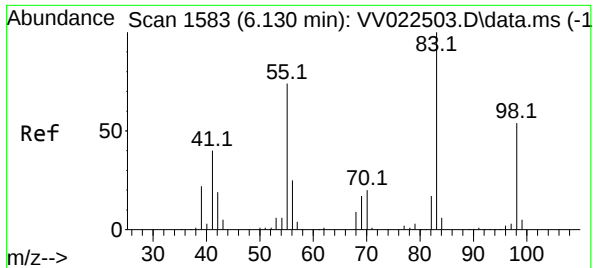


#34
Trichloroethene
Concen: 51.117 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 95 Resp: 91195

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.4
132	104.2	71.5	132.9
130	106.5	75.2	139.6

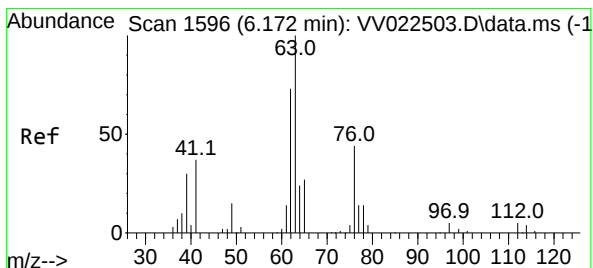
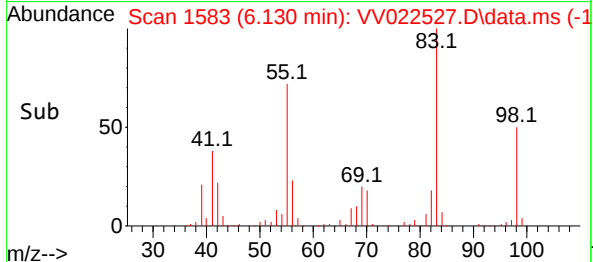
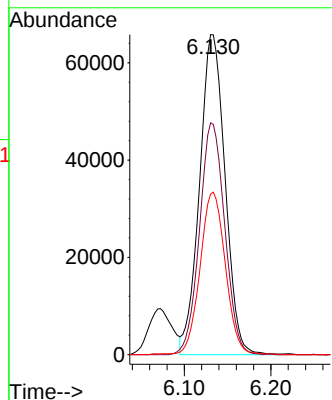
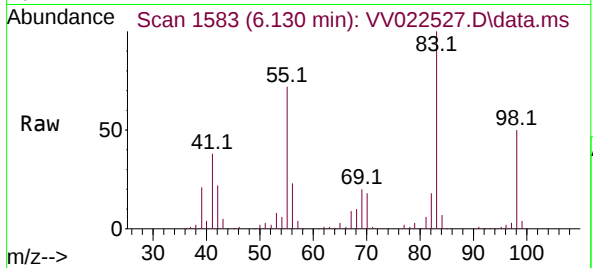




#35
Methylcyclohexane
Concen: 49.746 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

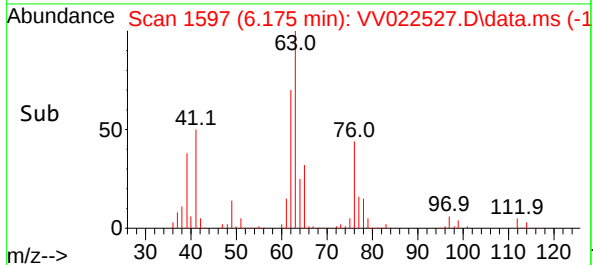
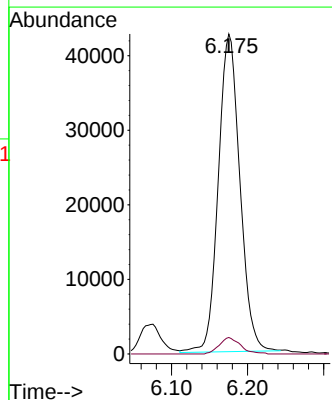
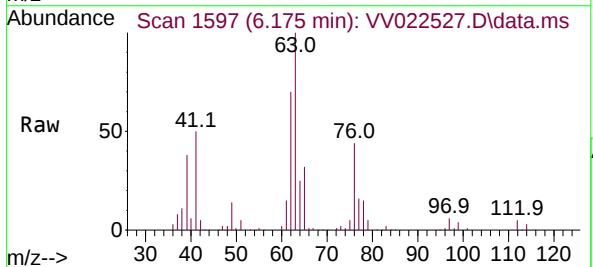
Instrument :
MSVOA_V
ClientSampleId :

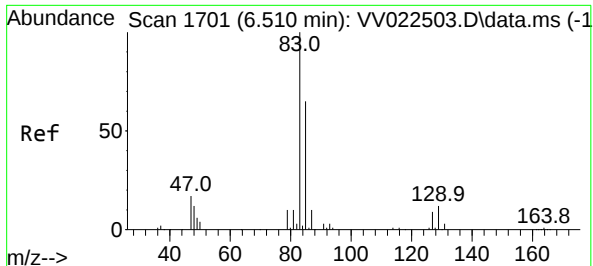
Tgt Ion: 83 Resp: 134568
Ion Ratio Lower Upper
83 100
55 71.7 56.7 85.1
98 49.9 40.6 60.8



#37
1,2-Dichloropropane
Concen: 48.017 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 63 Resp: 84001
Ion Ratio Lower Upper
63 100
112 5.1 4.1 6.1

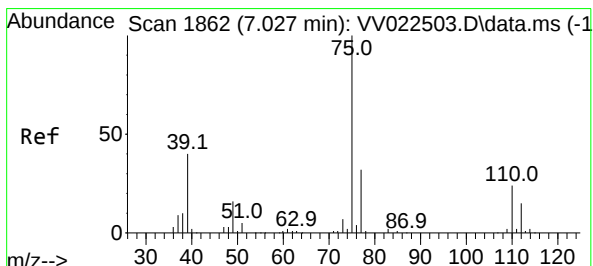
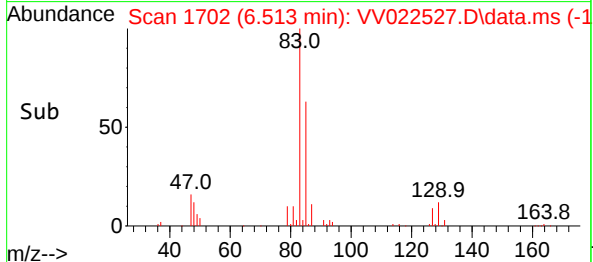
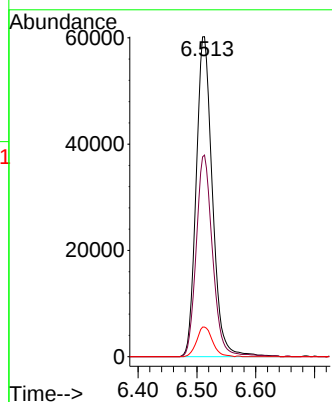
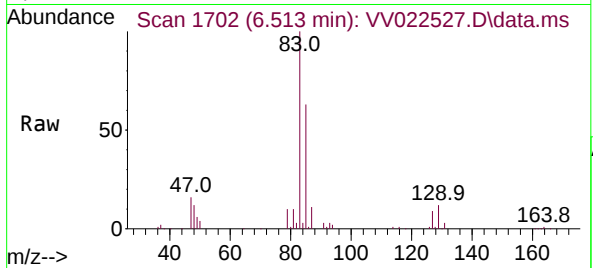




#38
Bromodichloromethane
Concen: 50.763 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

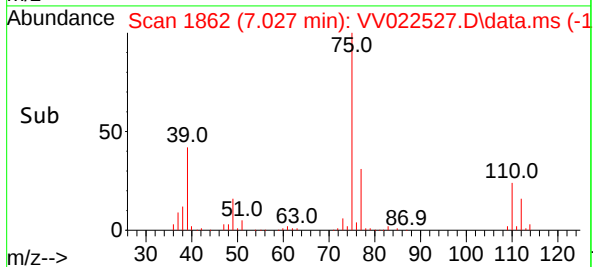
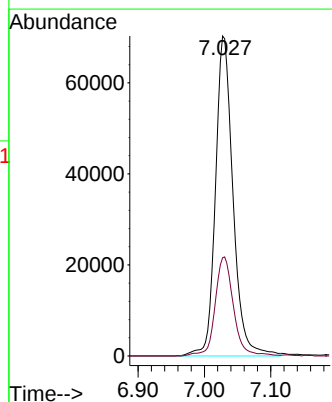
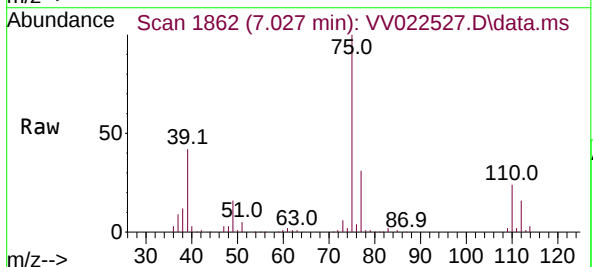
Instrument :
MSVOA_V
ClientSampled :

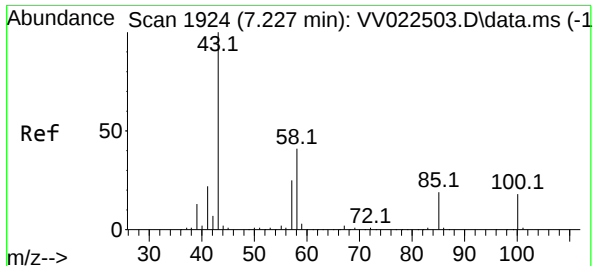
Tgt Ion: 83 Resp: 115353
Ion Ratio Lower Upper
83 100
85 63.0 46.3 86.1
127 9.3 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 49.160 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 75 Resp: 129339
Ion Ratio Lower Upper
75 100
77 30.7 21.6 40.2

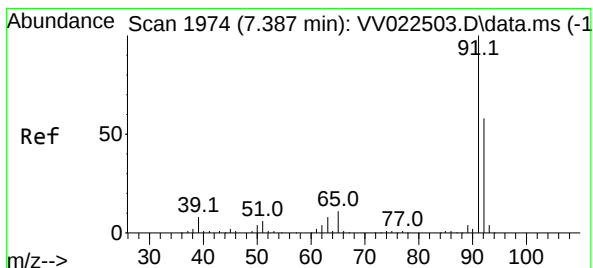
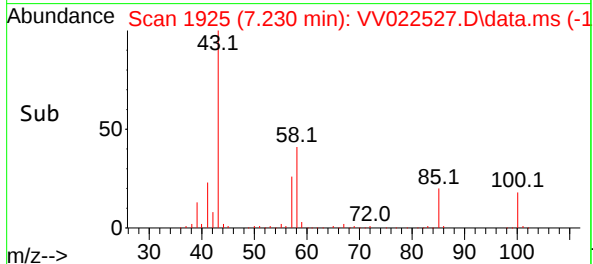
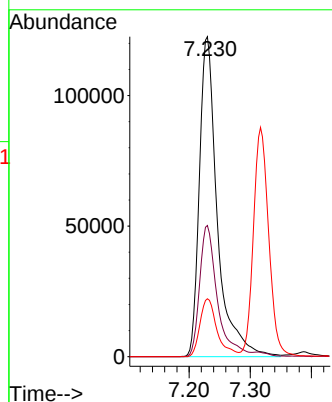
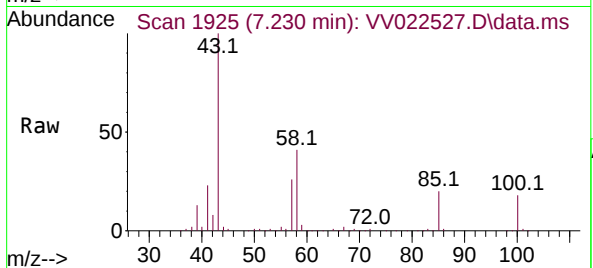




#40
4-Methyl-2-pentanone
Concen: 101.801 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

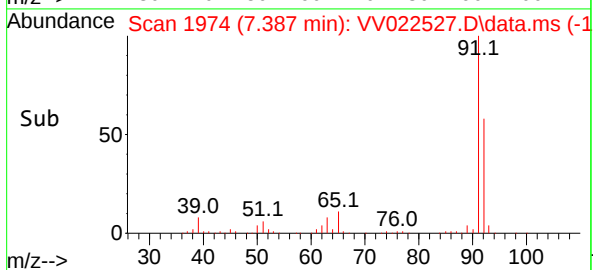
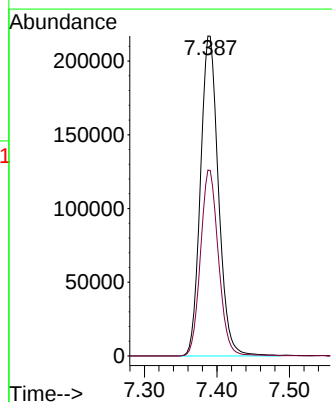
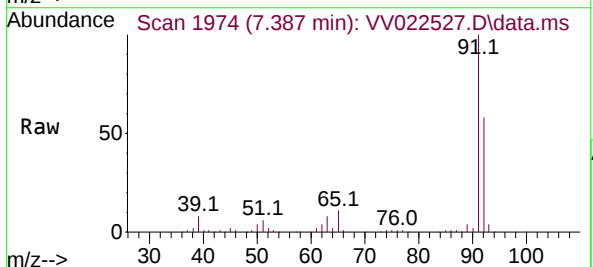
Instrument :
MSVOA_V
ClientSampled :

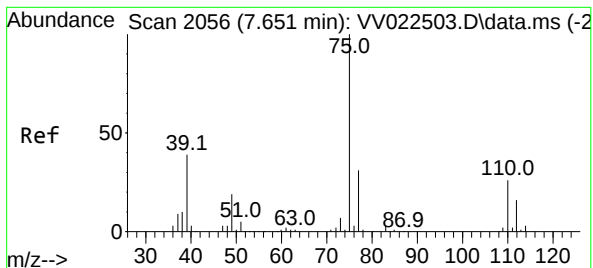
Tgt Ion: 43 Resp: 250235
Ion Ratio Lower Upper
43 100
58 40.2 32.5 48.7
100 17.3 13.9 20.9



#42
Toluene
Concen: 51.876 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 91 Resp: 373380
Ion Ratio Lower Upper
91 100
92 58.1 40.6 75.4



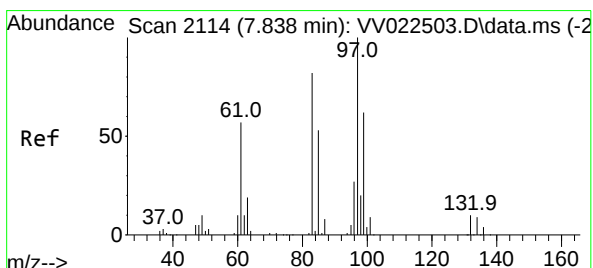
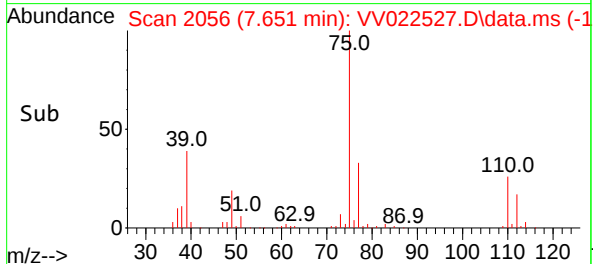
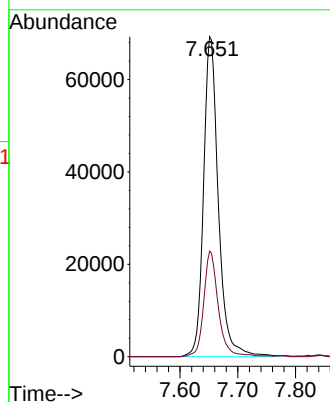
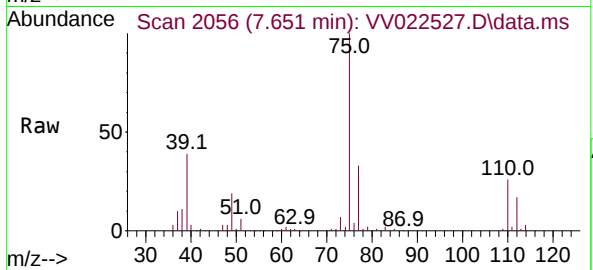


#44

trans-1,3-Dichloropropene
Concen: 48.819 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Instrument :
MSVOA_V
ClientSampled :

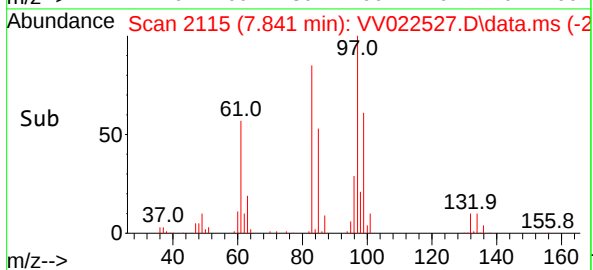
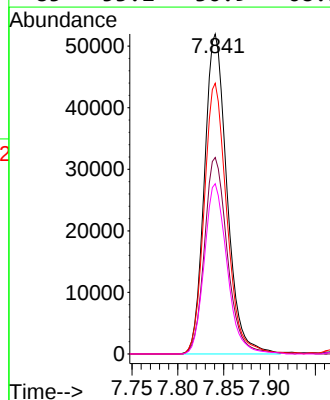
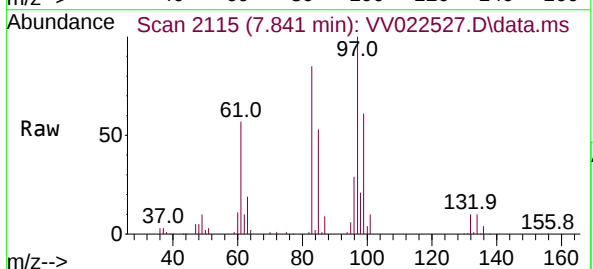
Tgt Ion: 75 Resp: 123662
Ion Ratio Lower Upper
75 100
77 33.0 22.0 40.8

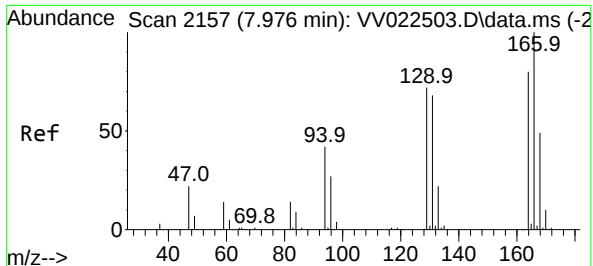


#45

1,1,2-Trichloroethane
Concen: 49.228 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 97 Resp: 89148
Ion Ratio Lower Upper
97 100
99 61.4 43.1 80.1
83 84.6 58.6 108.8
85 53.2 36.9 68.5

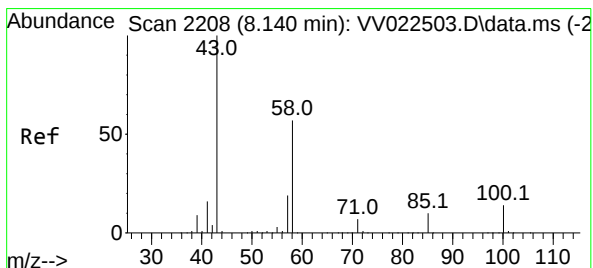
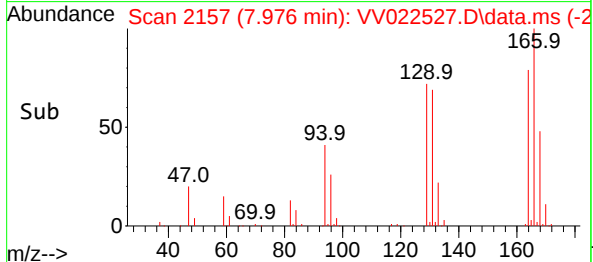
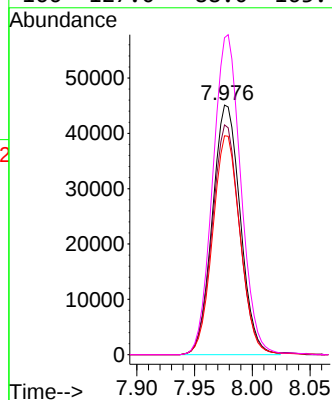
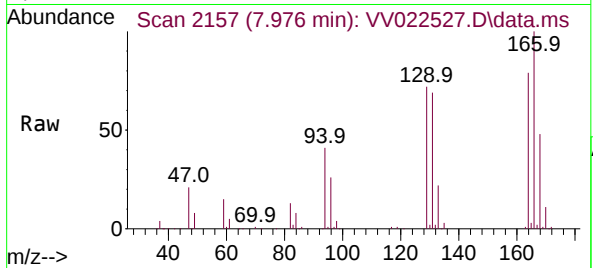




#46
Tetrachloroethene
Concen: 50.832 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

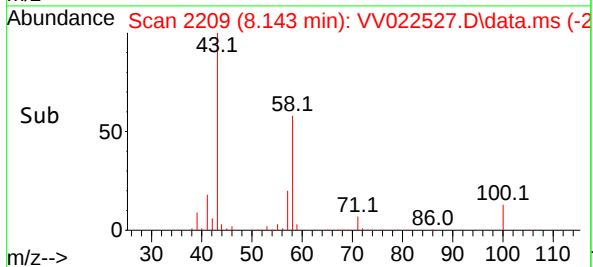
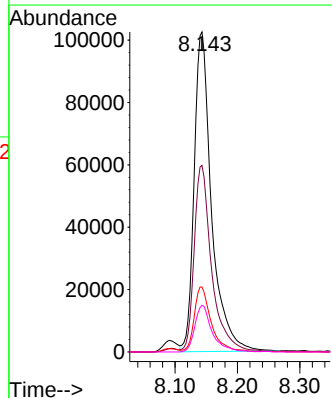
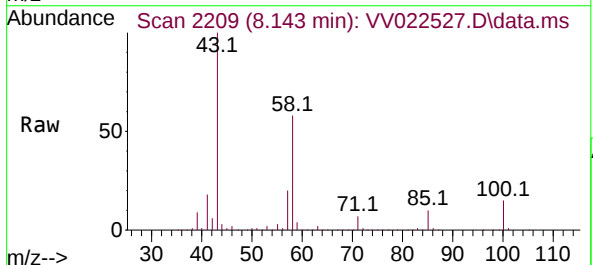
Instrument :
MSVOA_V
ClientSampleId :

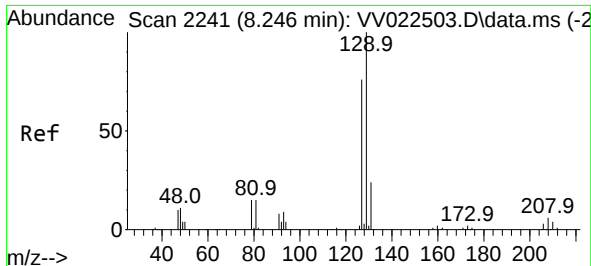
Tgt Ion:164 Resp: 75918
Ion Ratio Lower Upper
164 100
129 92.0 64.6 120.0
131 87.7 59.9 111.3
166 127.0 88.0 163.4



#48
2-Hexanone
Concen: 105.615 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 43 Resp: 198559
Ion Ratio Lower Upper
43 100
58 57.0 47.0 70.4
57 20.1 15.8 23.6
100 14.5 11.8 17.6





#49

Dibromochloromethane

Concen: 51.418 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VV022527.D

Acq: 02 Oct 2021 22:02

Tgt Ion:129 Resp: 100764

Ion Ratio Lower Upper

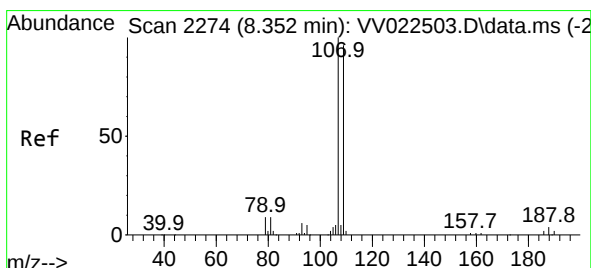
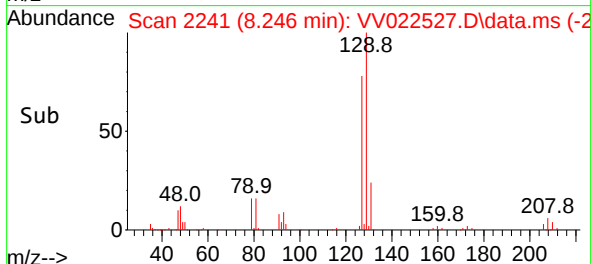
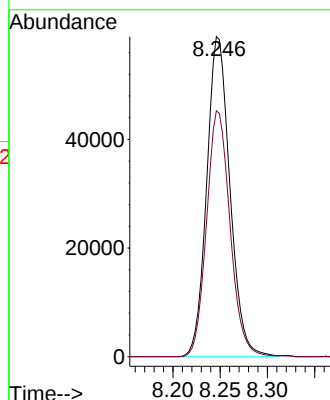
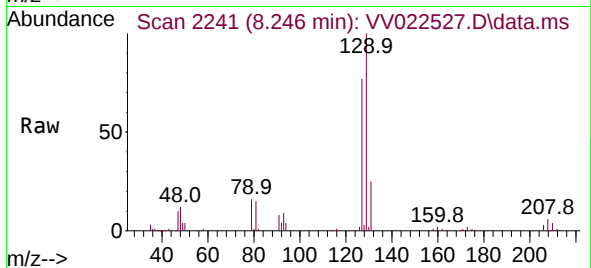
129 100

127 76.8 53.5 99.5

Instrument :

MSVOA_V

ClientSampleId :



#50

1,2-Dibromoethane

Concen: 49.493 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV022527.D

Acq: 02 Oct 2021 22:02

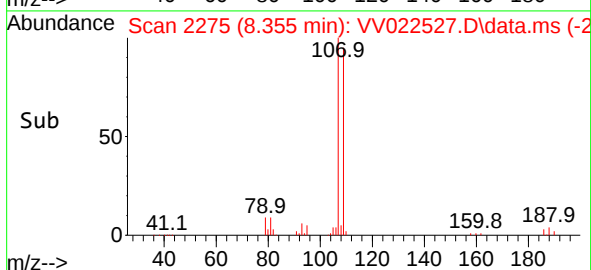
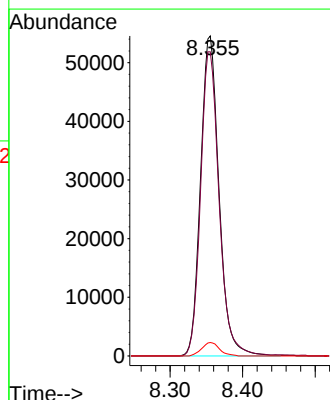
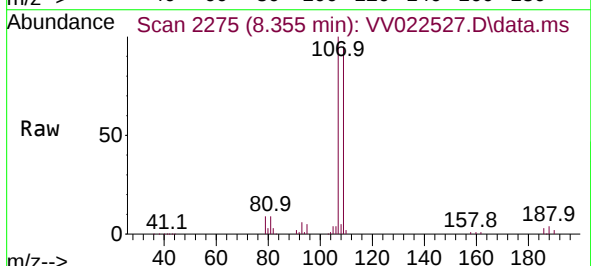
Tgt Ion:107 Resp: 96499

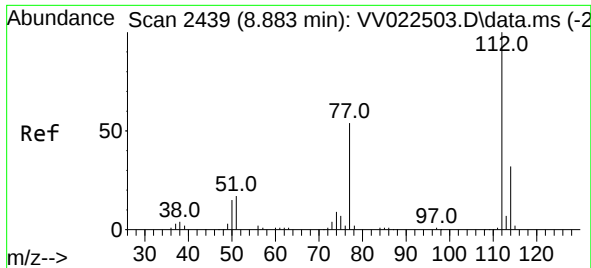
Ion Ratio Lower Upper

107 100

109 95.1 64.8 120.3

188 4.2 3.2 4.8

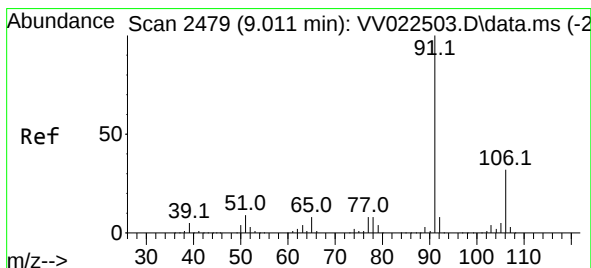
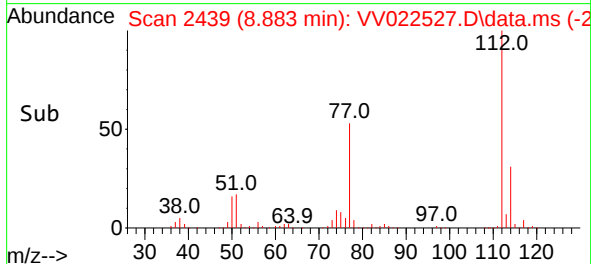
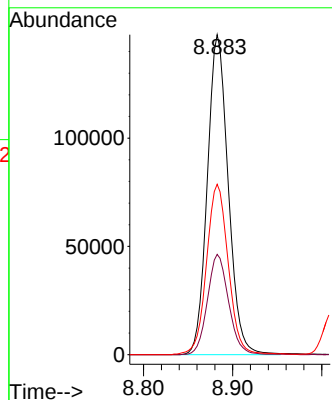
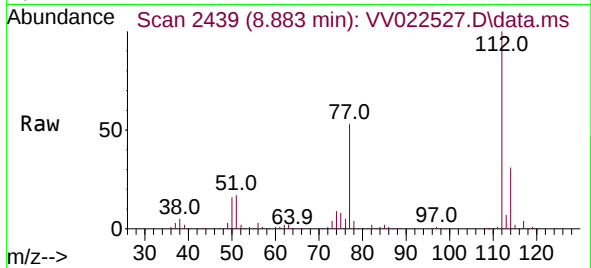




#51
Chlorobenzene
Concen: 50.402 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

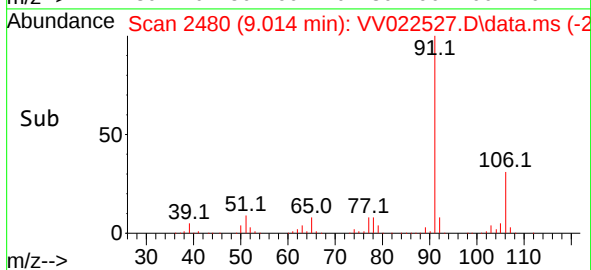
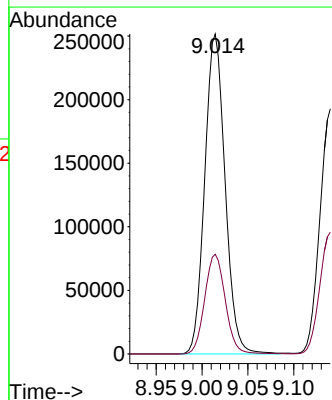
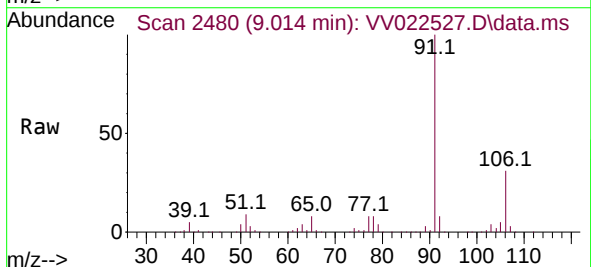
Instrument :
MSVOA_V
ClientSampled :

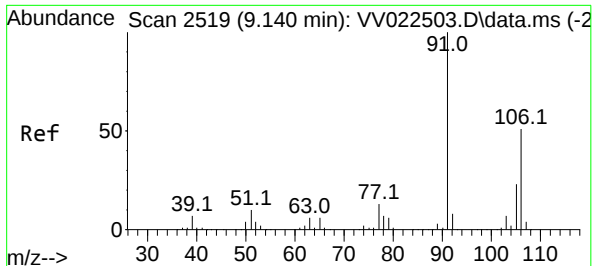
Tgt Ion:112 Resp: 241298
Ion Ratio Lower Upper
112 100
114 31.3 22.0 40.8
77 53.3 44.0 66.0



#52
Ethylbenzene
Concen: 51.883 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 91 Resp: 388650
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0





#53

m,p-Xylene

Concen: 52.097 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV022527.D

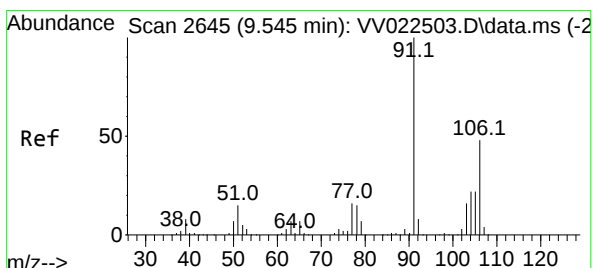
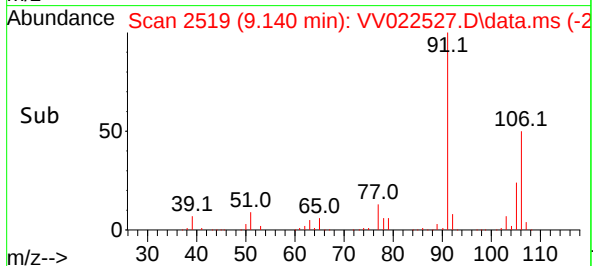
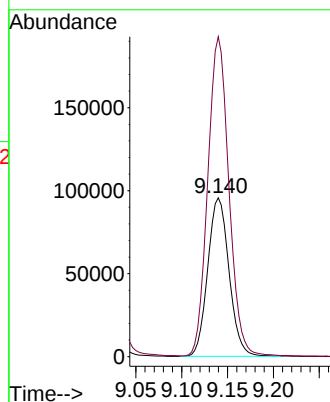
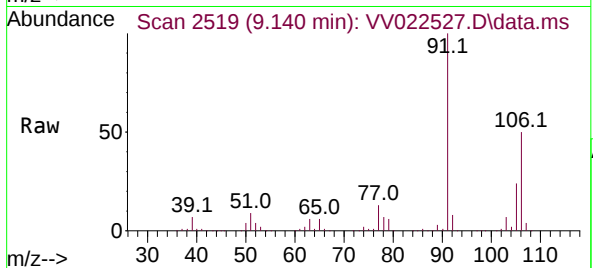
Acq: 02 Oct 2021 22:02

Tgt Ion:106 Resp: 154619

Ion Ratio Lower Upper

106 100

91 201.3 139.4 258.8



#54

o-Xylene

Concen: 52.466 ug/L

RT: 9.545 min Scan# 2645

Delta R.T. 0.000 min

Lab File: VV022527.D

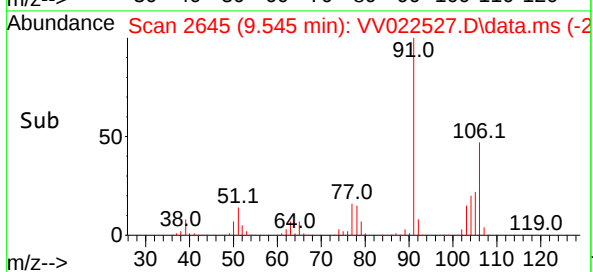
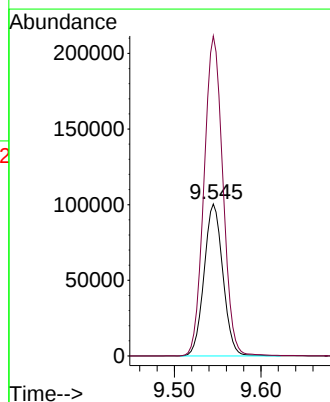
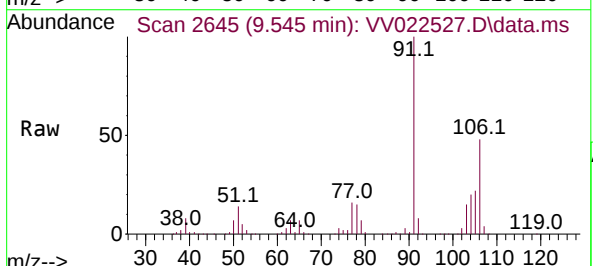
Acq: 02 Oct 2021 22:02

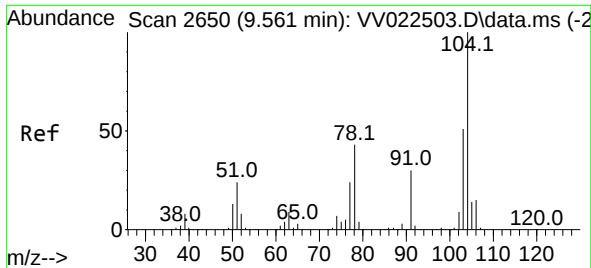
Tgt Ion:106 Resp: 151708

Ion Ratio Lower Upper

106 100

91 210.5 148.7 276.1

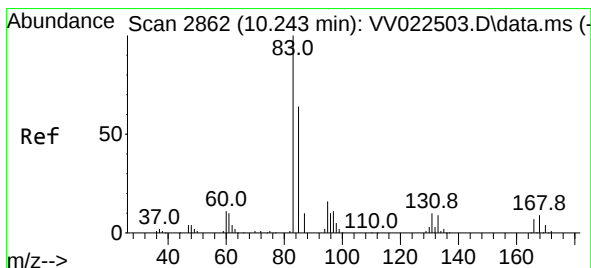
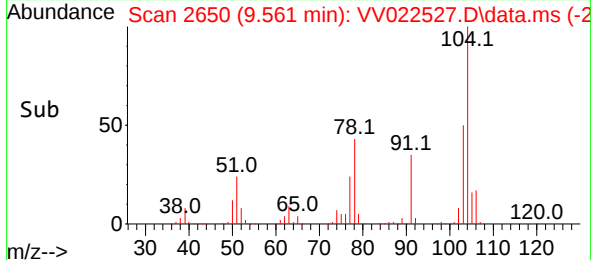
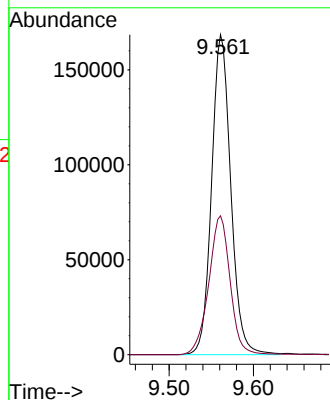
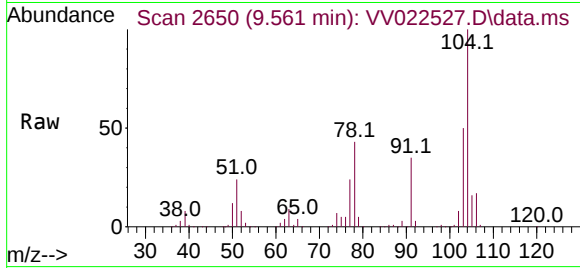




#55
Styrene
Concen: 53.711 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

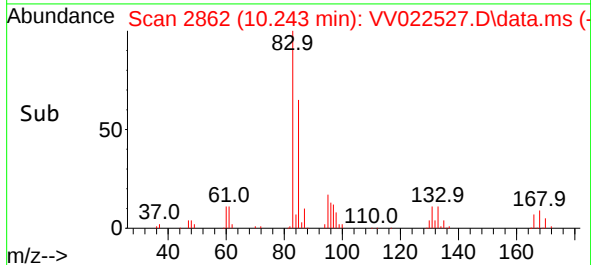
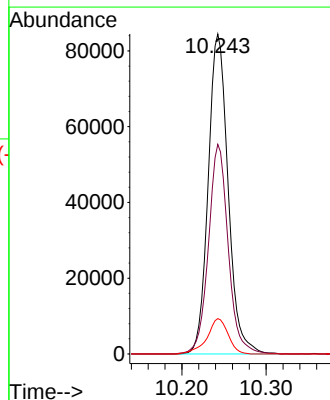
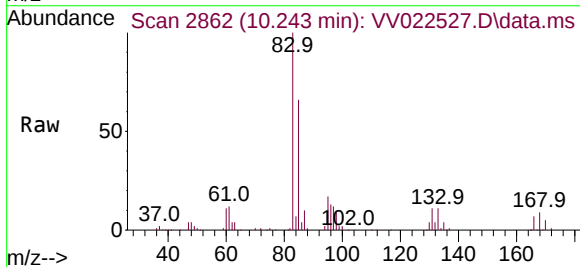
Instrument :
MSVOA_V
ClientSampled :

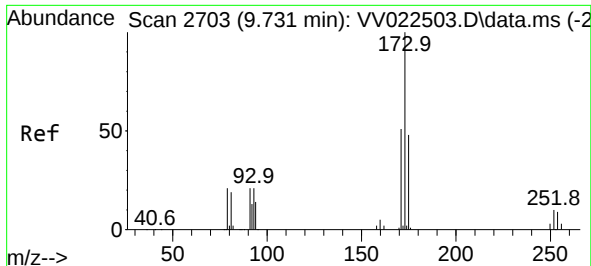
Tgt Ion:104 Resp: 266525
Ion Ratio Lower Upper
104 100
78 43.4 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 49.586 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 83 Resp: 138786
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0
131 11.1 8.2 12.4

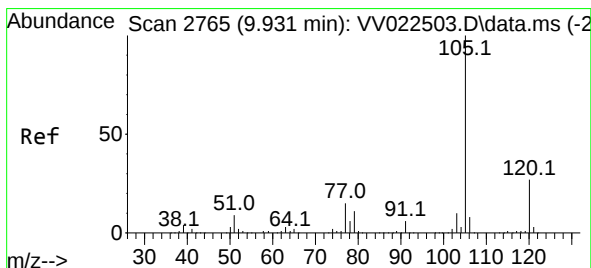
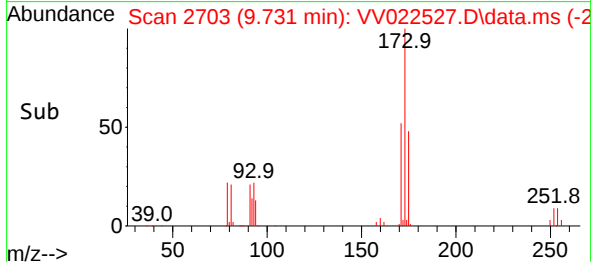
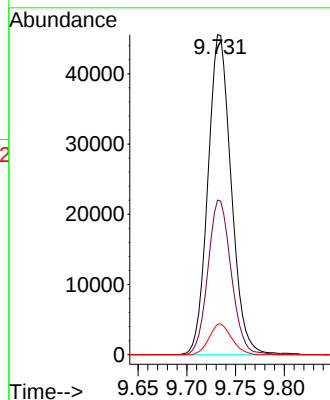
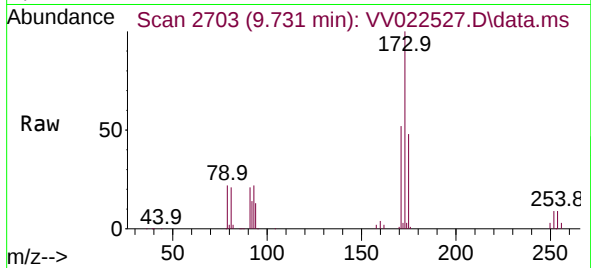




#59
Bromoform
Concen: 50.670 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

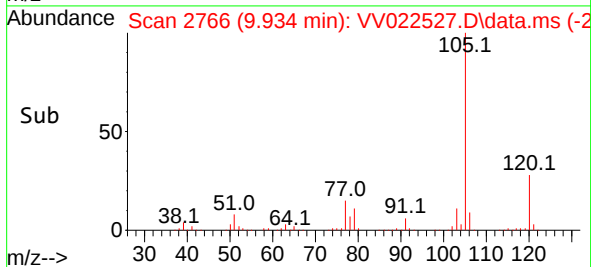
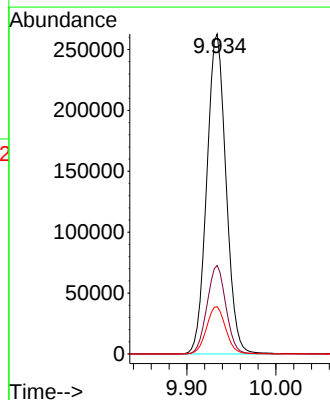
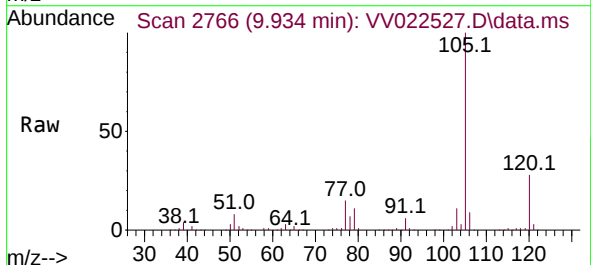
Instrument :
MSVOA_V
ClientSampleId :

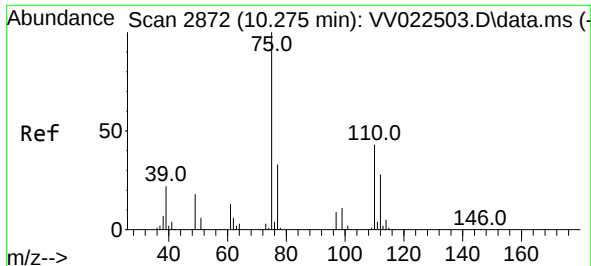
Tgt Ion:173 Resp: 75901
Ion Ratio Lower Upper
173 100
175 48.2 38.3 57.5
254 9.3 7.0 10.6



#60
Isopropylbenzene
Concen: 51.053 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion:105 Resp: 393494
Ion Ratio Lower Upper
105 100
120 27.2 21.6 32.4
77 14.7 12.0 18.0

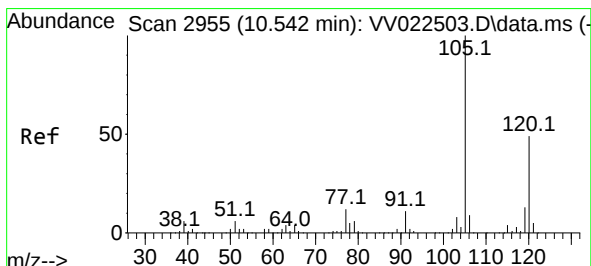
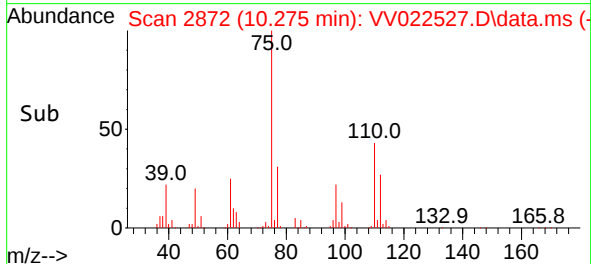
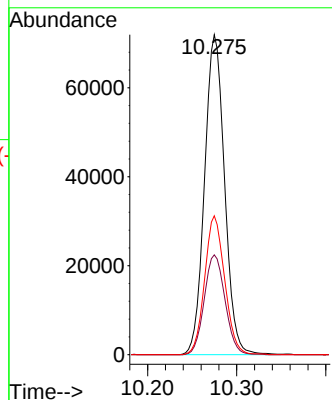
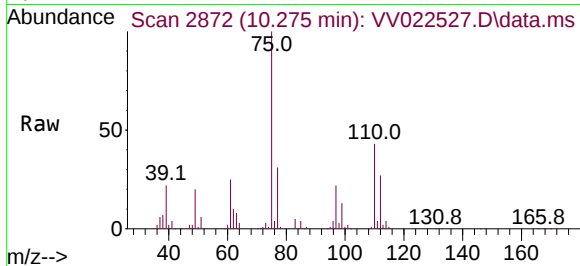




#61
1,2,3-Trichloropropane
Concen: 48.716 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

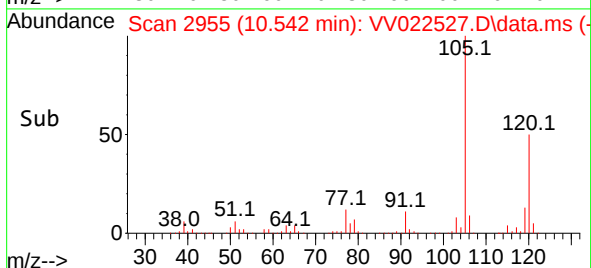
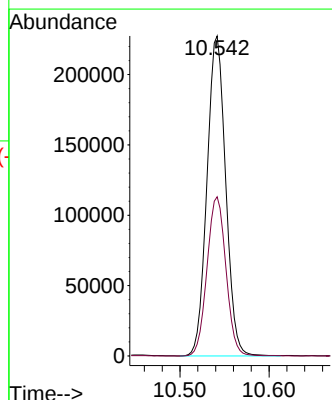
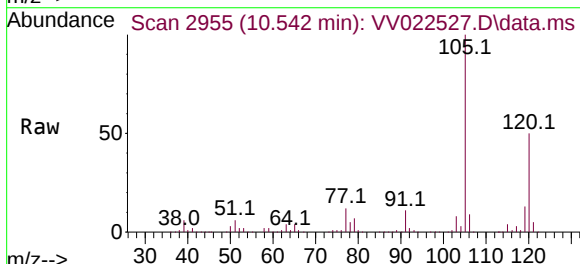
Instrument :
MSVOA_V
ClientSampled :

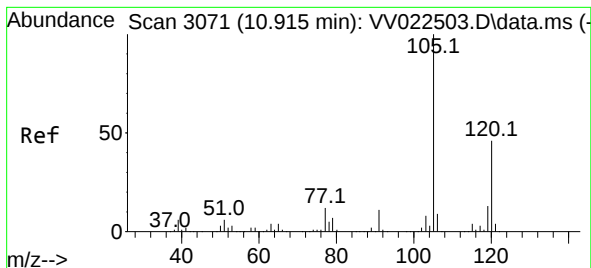
Tgt Ion: 75 Resp: 112235
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 43.4 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 51.002 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion: 105 Resp: 330984
Ion Ratio Lower Upper
105 100
120 50.3 39.7 59.5

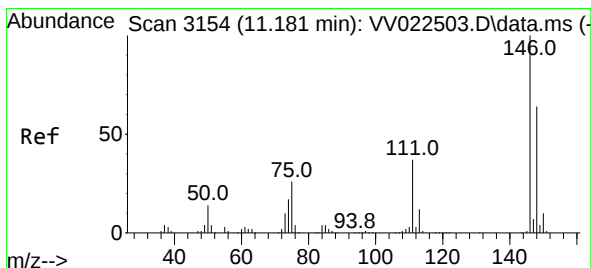
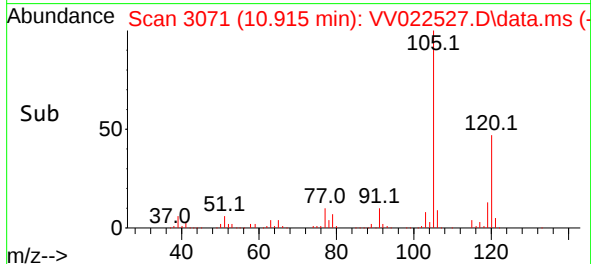
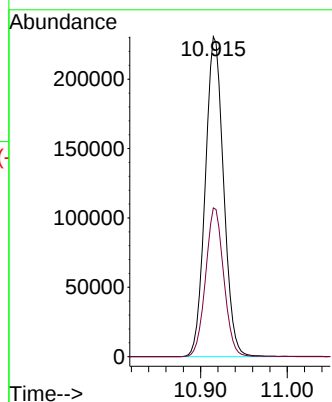
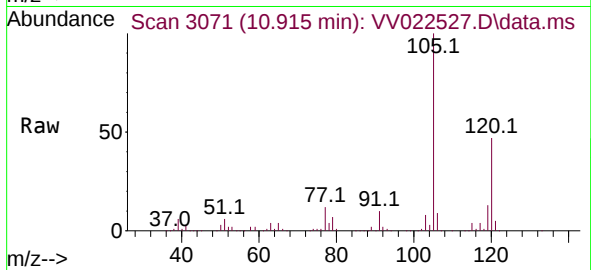




#63
1,2,4-Trimethylbenzene
Concen: 52.660 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

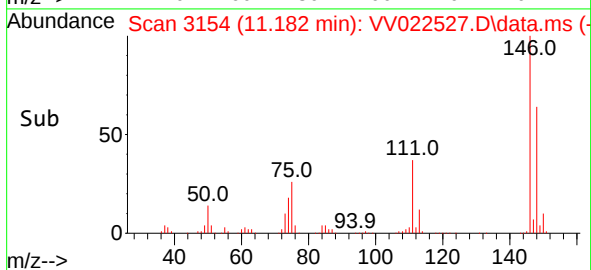
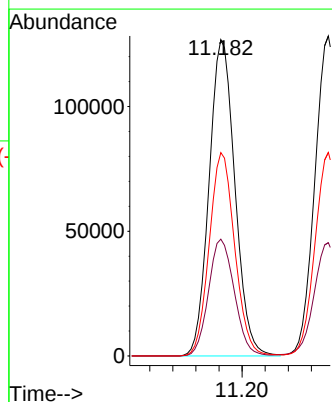
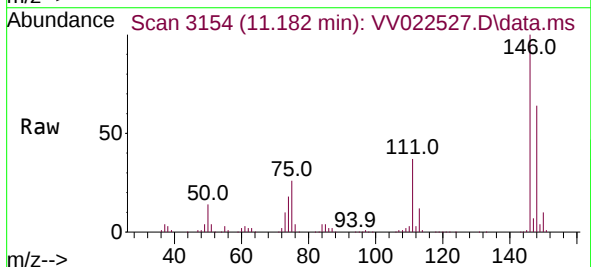
Instrument :
MSVOA_V
ClientSampled :

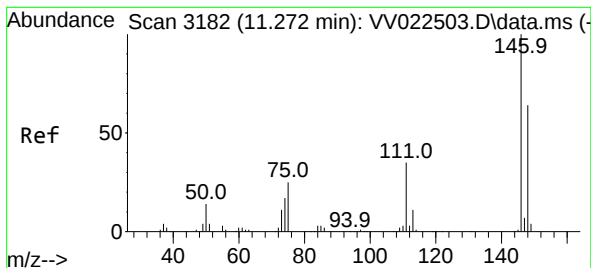
Tgt Ion:105 Resp: 339736
Ion Ratio Lower Upper
105 100
120 46.0 37.4 56.0



#64
1,3-Dichlorobenzene
Concen: 50.337 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion:146 Resp: 196836
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 64.3 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 48.720 ug/L

RT: 11.275 min Scan# 3183

Delta R.T. 0.003 min

Lab File: VV022527.D

Acq: 02 Oct 2021 22:02

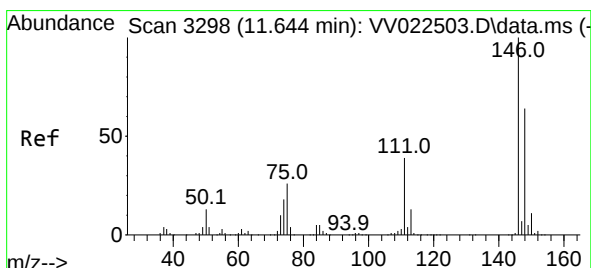
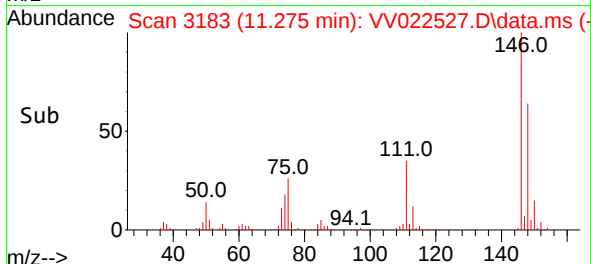
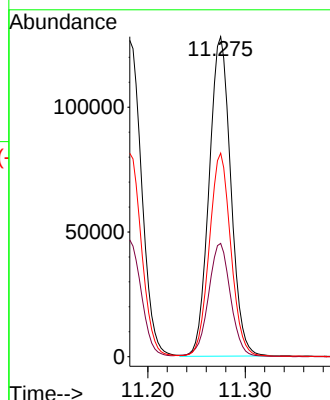
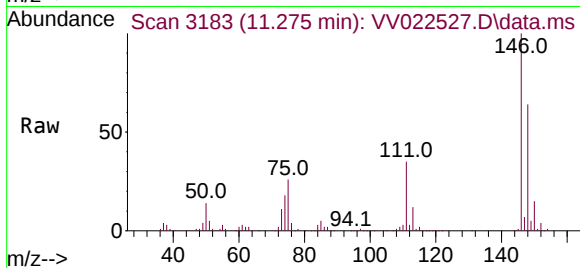
Tgt Ion:146 Resp: 197860

Ion Ratio Lower Upper

146 100

111 35.4 25.5 47.3

148 63.6 43.9 81.5



#67

1,2-Dichlorobenzene

Concen: 49.746 ug/L

RT: 11.645 min Scan# 3298

Delta R.T. 0.000 min

Lab File: VV022527.D

Acq: 02 Oct 2021 22:02

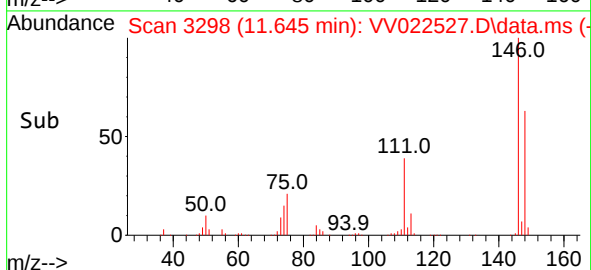
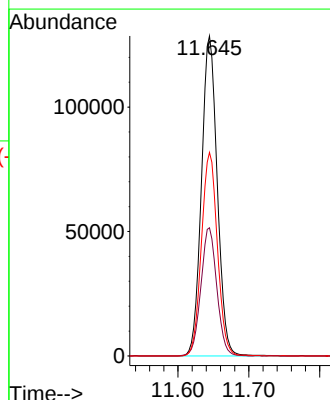
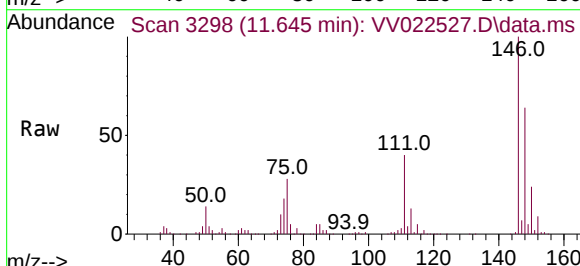
Tgt Ion:146 Resp: 198792

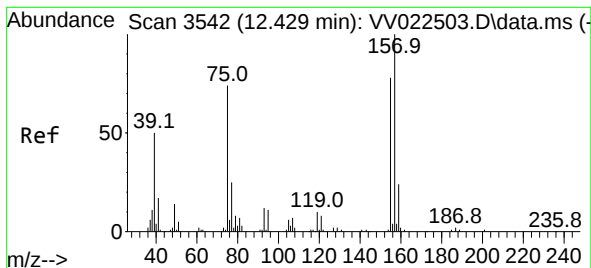
Ion Ratio Lower Upper

146 100

111 40.1 31.6 47.4

148 63.6 50.4 75.6

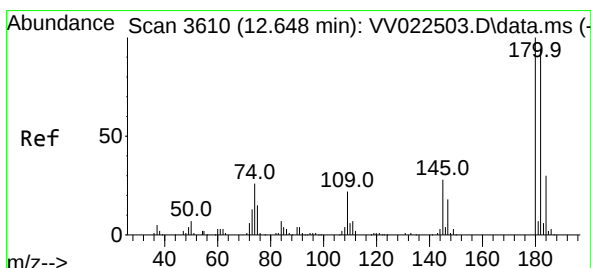
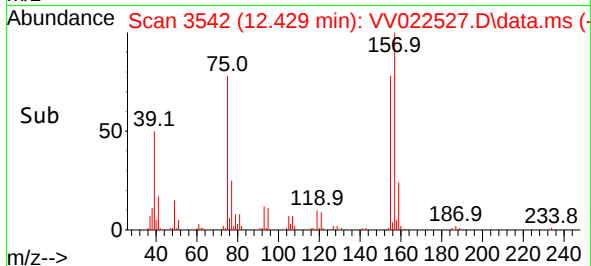
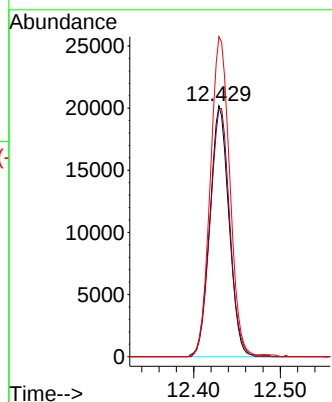
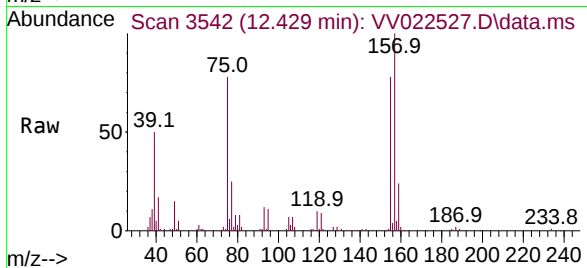




#68
1,2-Dibromo-3-chloropropane
Concen: 49.241 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

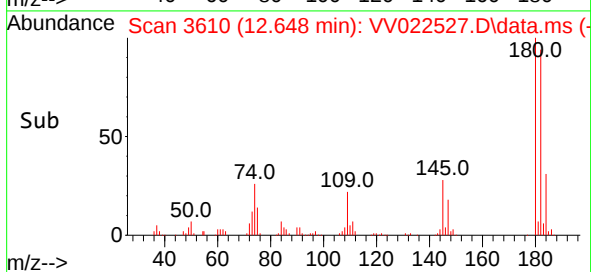
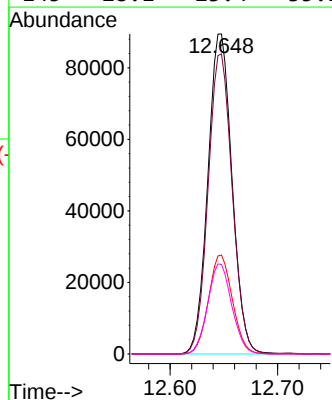
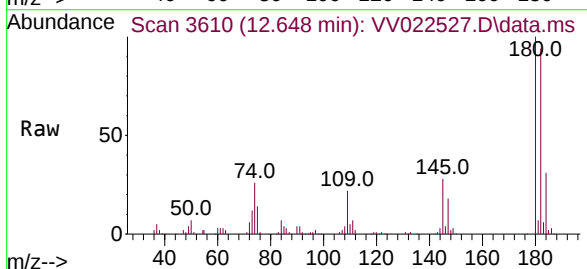
Instrument :
MSVOA_V
ClientSampleId :

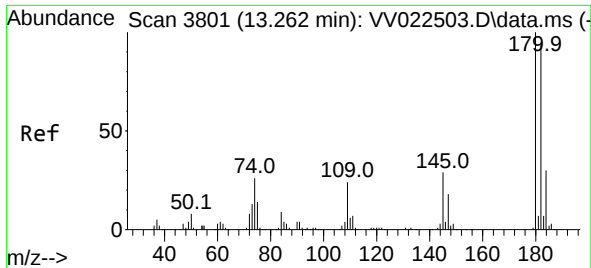
Tgt Ion: 75 Resp: 31082
Ion Ratio Lower Upper
75 100
155 98.9 79.1 118.7
157 127.5 104.2 156.2



#69
1,3,5-Trichlorobenzene
Concen: 48.094 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

Tgt Ion:180 Resp: 139736
Ion Ratio Lower Upper
180 100
182 93.4 75.0 112.4
184 30.6 23.6 35.4
145 28.1 23.4 35.2

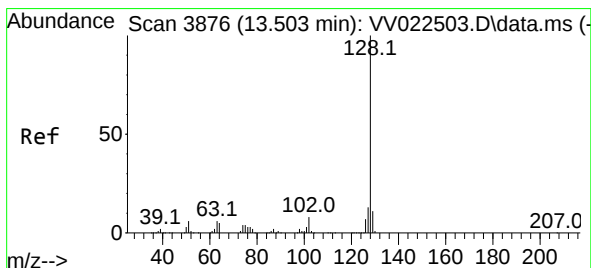
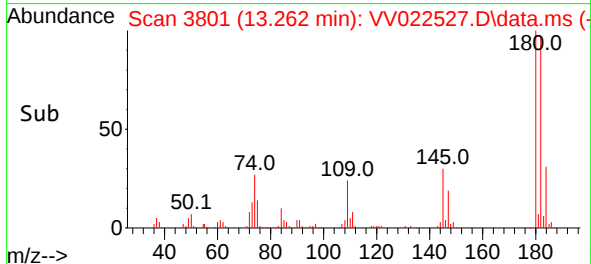
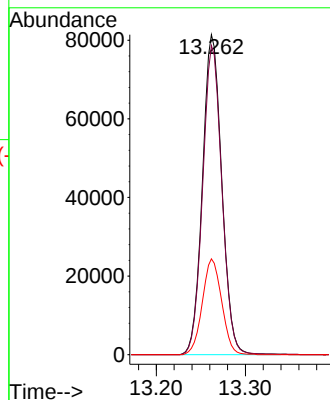
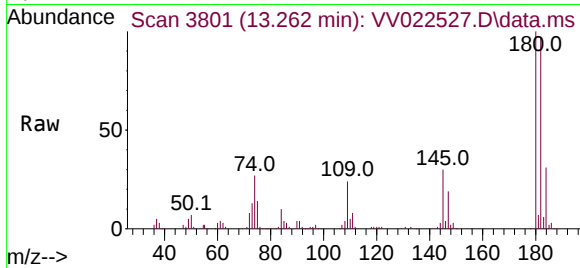




#70
1,2,4-trichlorobenzene
Concen: 46.861 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

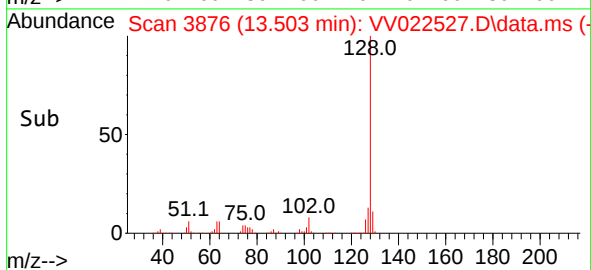
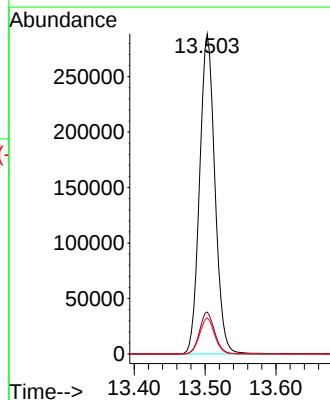
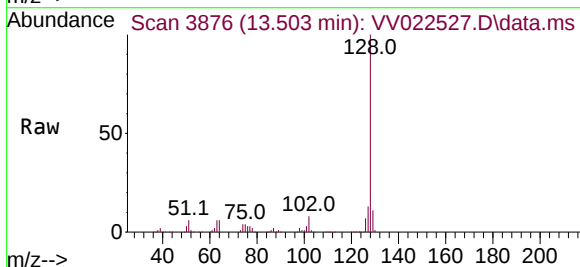
Instrument :
MSVOA_V
ClientSampleId :

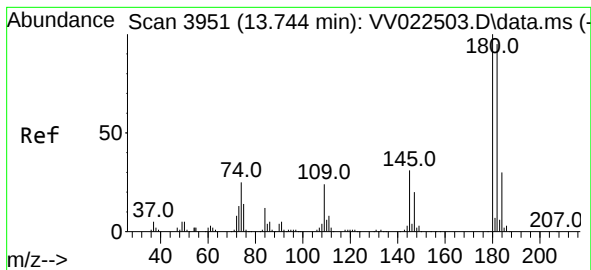
Tgt Ion:180 Resp: 122434
Ion Ratio Lower Upper
180 100
182 96.1 75.5 113.3
145 29.9 23.0 34.4



#71
Naphthalene
Concen: 50.231 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022527.D
Acq: 02 Oct 2021 22:02

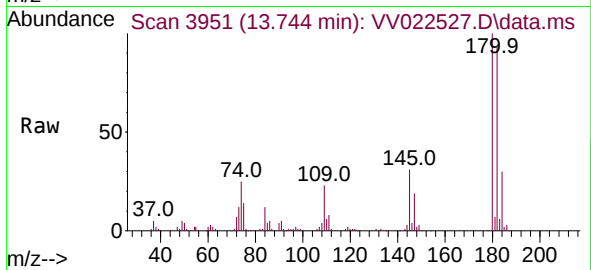
Tgt Ion:128 Resp: 432158
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 50.271 ug/L
 RT: 13.744 min Scan# 3951
 Delta R.T. 0.000 min
 Lab File: VV022527.D
 Acq: 02 Oct 2021 22:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 135753

Ion	Ratio	Lower	Upper
180	100		
182	92.9	76.1	114.1
145	31.3	24.6	36.8

