

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022542.D
 Acq On : 03 Oct 2021 04:22
 Operator : SY/MD
 Sample : M3974-05MEMSD
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	328644	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	310904	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	162595	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73650	36.236	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	72.480%		
7) Chloroethane-d5	1.565	69	29511	18.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	36.940%#		
11) 1,1-Dichloroethene-d2	2.092	63	141239	35.242	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.480%		
21) 2-Butanone-d5	3.918	46	29801	26.636	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	26.640%#		
24) Chloroform-d	4.349	84	157647	42.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.900%		
26) 1,2-Dichloroethane-d4	5.034	65	94154	43.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
32) Benzene-d6	5.047	84	314547	43.671	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.340%		
36) 1,2-Dichloropropane-d6	6.069	67	95511	43.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.160%		
41) Toluene-d8	7.317	98	293252	44.386	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.780%		
43) trans-1,3-Dichloroprop...	7.625	79	46326	44.159	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.320%		
47) 2-Hexanone-d5	8.111	63	84459	91.950	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.950%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	130746	42.405	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.800%		
66) 1,2-Dichlorobenzene-d4	11.628	152	117834	44.440	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.880%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.124	85	108318	32.956	ug/L	99
3) Chloromethane	1.237	50	141418	43.269	ug/L	100
5) Vinyl chloride	1.307	62	138599	44.738	ug/L	99
6) Bromomethane	1.520	94	72415	33.478	ug/L	99
8) Chloroethane	1.581	64	44676	23.645	ug/L	99
9) Trichlorofluoromethane	1.741	101	168544	39.610	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.098	101	80761	33.529	ug/L	97
12) 1,1-Dichloroethene	2.098	96	82889	36.106	ug/L	94
14) Carbon disulfide	2.275	76	264569	38.151	ug/L	99
15) Methyl Acetate	2.436	43	125915	48.839	ug/L	97
16) Methylene chloride	2.497	84	127966	44.366	ug/L	97
17) trans-1,2-Dichloroethene	2.748	96	118370	46.971	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	382918	49.216	ug/L	98
19) 1,1-Dichloroethane	3.182	63	204379	45.835	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	125853	46.877	ug/L	97
22) 2-Butanone	3.999	43	143591	77.163	ug/L #	57
23) Bromochloromethane	4.246	128	67965	46.079	ug/L	93
25) Chloroform	4.375	83	209639	46.721	ug/L	99
27) 1,2-Dichloroethane	5.130	62	152859	47.046	ug/L	98

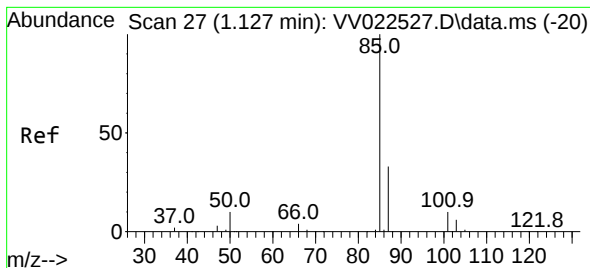
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022542.D
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 MSVOA_V
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Quant Time: Oct 04 04:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.671	56	181191	49.999	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	186747	48.084	ug/L	99
31) Carbon tetrachloride	4.822	117	162475	47.620	ug/L	98
33) Benzene	5.095	78	456338	47.537	ug/L	100
34) Trichloroethene	5.912	95	222083	88.604	ug/L	99
35) Methylcyclohexane	6.127	83	183294	48.228	ug/L	98
37) 1,2-Dichloropropane	6.175	63	114193	46.461	ug/L	100
38) Bromodichloromethane	6.513	83	148124	46.396	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	175139	47.381	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	328821	95.214	ug/L	96
42) Toluene	7.387	91	487479	48.207	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	164071	46.102	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	118102	46.419	ug/L	98
46) Tetrachloroethene	7.976	164	97902	46.657	ug/L	98
48) 2-Hexanone	8.156	43	243151	92.056	ug/L #	94
49) Dibromochloromethane	8.249	129	130536	47.411	ug/L	99
50) 1,2-Dibromoethane	8.355	107	127728	46.628	ug/L	97
51) Chlorobenzene	8.886	112	321120	47.742	ug/L	99
52) Ethylbenzene	9.014	91	524266	49.814	ug/L	100
53) m,p-Xylene	9.140	106	206069	49.420	ug/L	100
54) o-Xylene	9.548	106	203223	50.024	ug/L	99
55) Styrene	9.567	104	347640	49.865	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.249	83	176743	44.946	ug/L	98
59) Bromoform	9.738	173	94885	47.195	ug/L	99
60) Isopropylbenzene	9.934	105	533197	51.542	ug/L	100
61) 1,2,3-Trichloropropane	10.281	75	142028	45.931	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	459486	52.753	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	456410	52.710	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	255857	48.750	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	254131	46.624	ug/L	98
67) 1,2-Dichlorobenzene	11.648	146	256898	47.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	38233	45.128	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	185724	47.626	ug/L	100
70) 1,2,4-trichlorobenzene	13.265	180	166997	47.622	ug/L	98
71) Naphthalene	13.503	128	565677	48.989	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	170544	47.054	ug/L	99

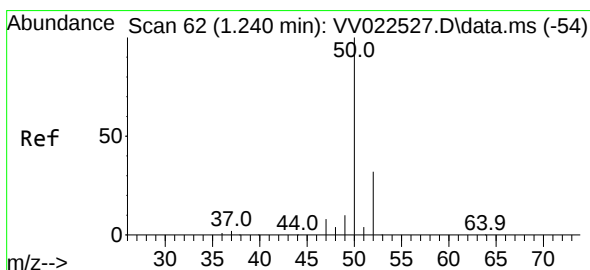
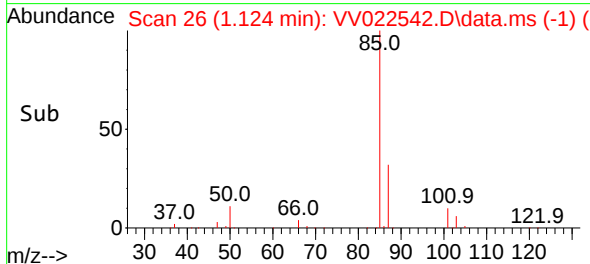
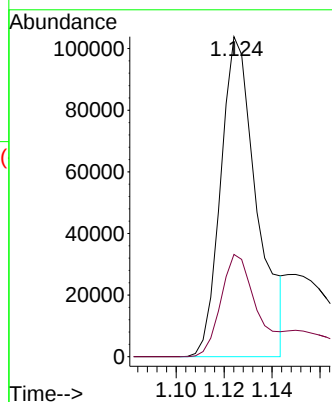
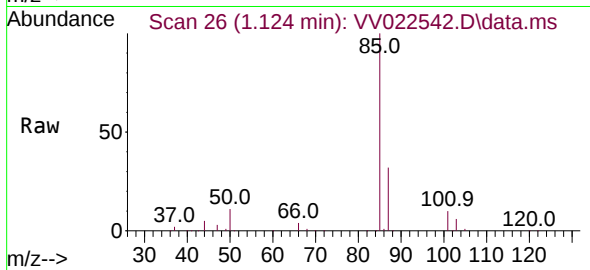
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#2
 Dichlorodifluoromethane
 Concen: 32.956 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

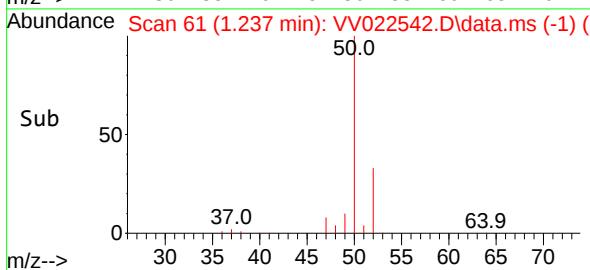
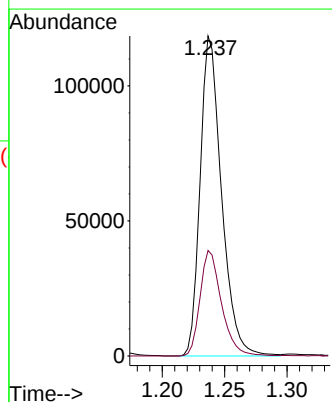
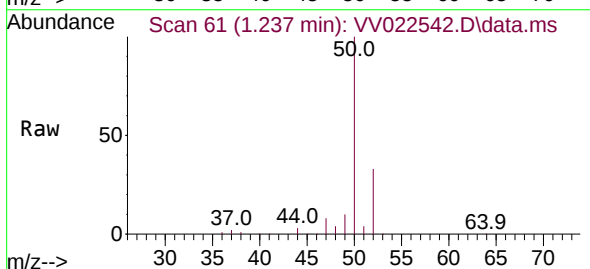
Instrument :
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 ClientSampleId :

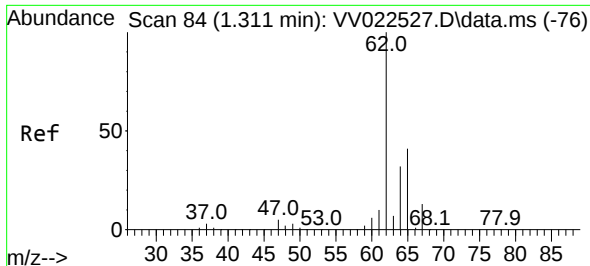
Tgt Ion: 85 Resp: 108318
 Ion Ratio Lower Upper
 85 100
 87 31.8 25.8 38.6



#3
 Chloromethane
 Concen: 43.269 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 50 Resp: 141418
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

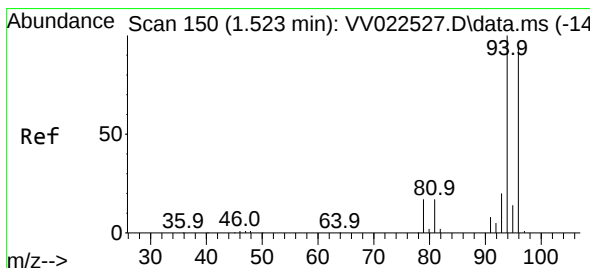
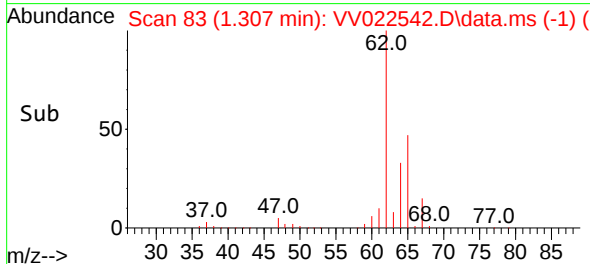
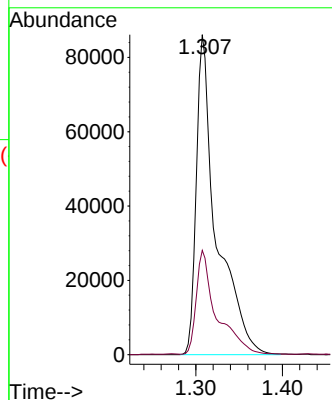
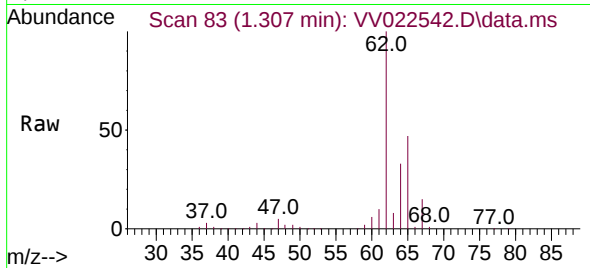




#5
 Vinyl chloride
 Concen: 44.738 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

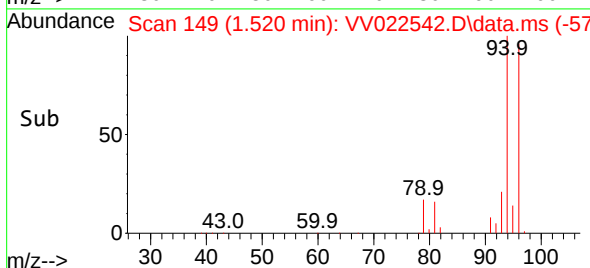
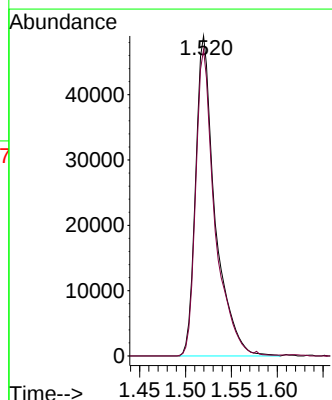
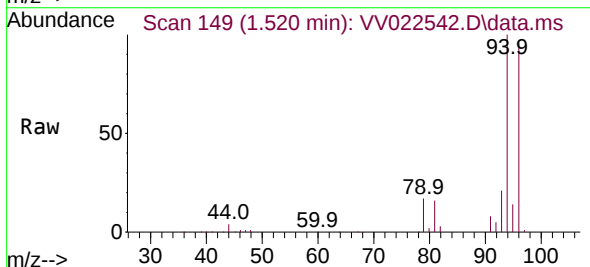
Instrument :
 MSVOA_V
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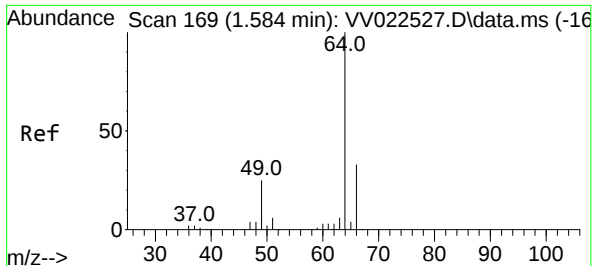
Tgt Ion: 62 Resp: 138599
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.5 41.9



#6
 Bromomethane
 Concen: 33.478 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 94 Resp: 72415
 Ion Ratio Lower Upper
 94 100
 96 95.8 66.4 123.2

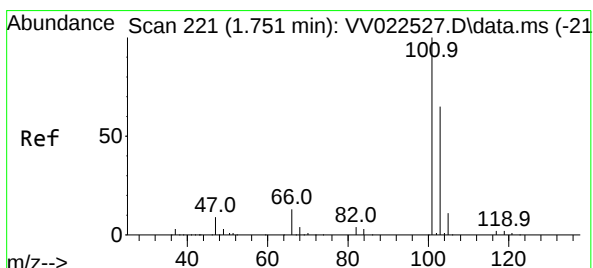
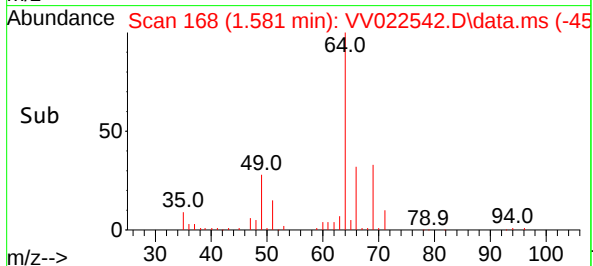
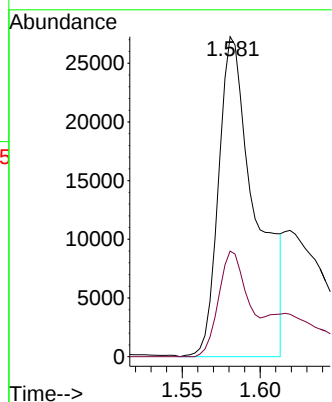
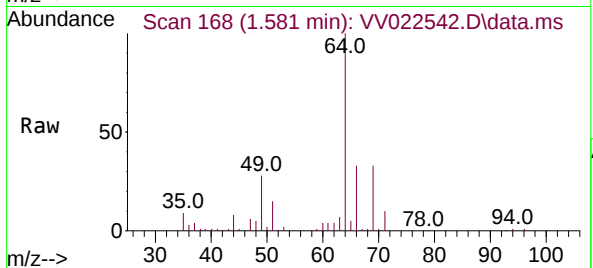




#8
Chloroethane
Concen: 23.645 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

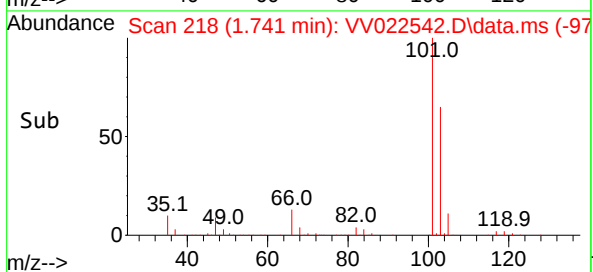
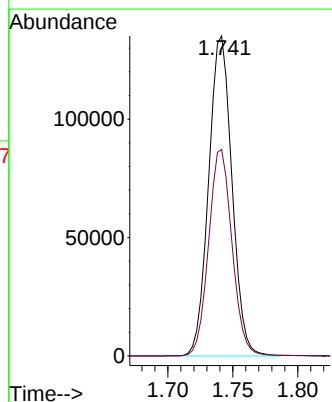
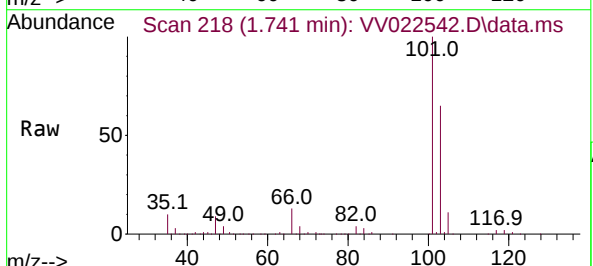
Instrument :
MSVOA_V
ClientSampled :

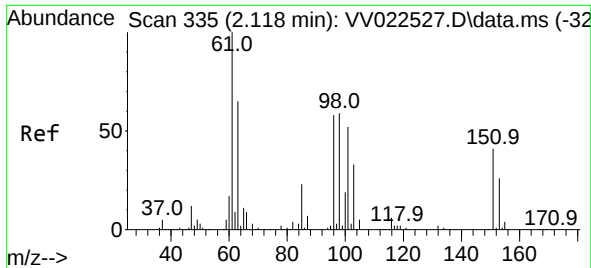
Tgt Ion: 64 Resp: 44676
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 39.610 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.010 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:101 Resp: 168544
Ion Ratio Lower Upper
101 100
103 64.7 51.7 77.5

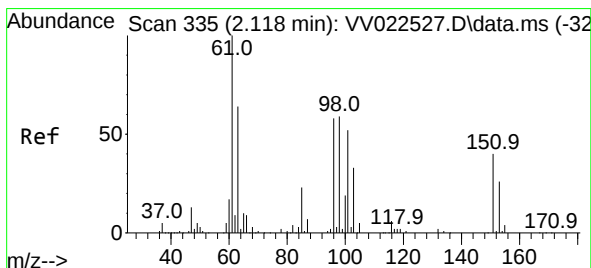
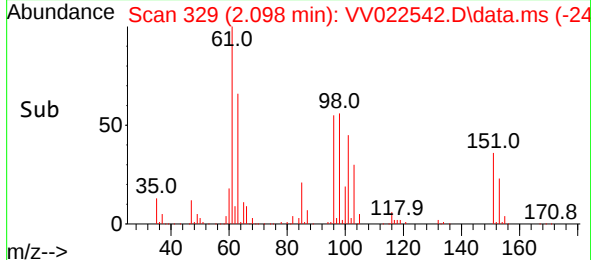
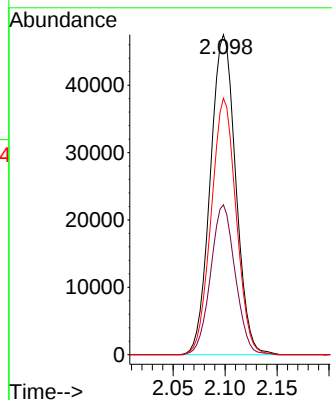
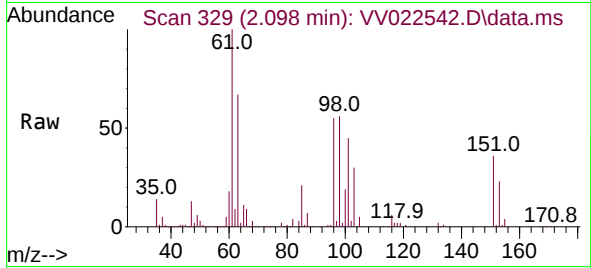




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 33.529 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

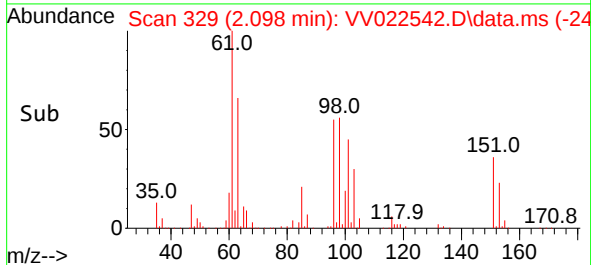
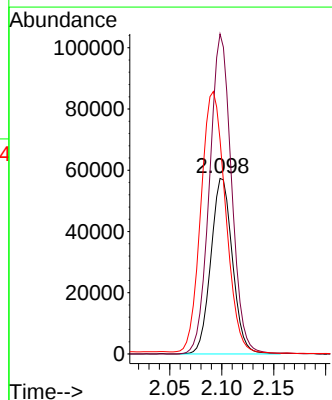
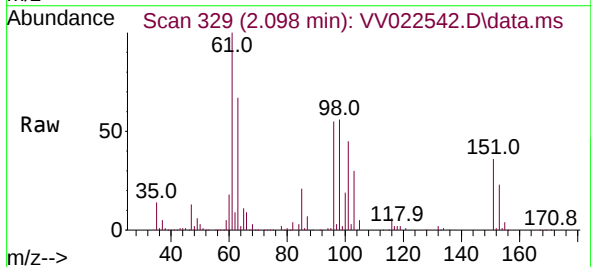
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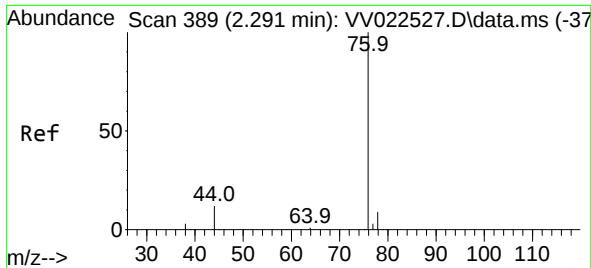
Tgt Ion:101 Resp: 80761
 Ion Ratio Lower Upper
 101 100
 85 45.3 34.7 52.1
 151 78.7 61.3 91.9



#12
 1,1-Dichloroethene
 Concen: 36.106 ug/L
 RT: 2.098 min Scan# 329
 Delta R.T. -0.019 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Tgt Ion: 96 Resp: 82889
 Ion Ratio Lower Upper
 96 100
 61 182.2 118.0 219.2
 63 122.0 86.4 160.4

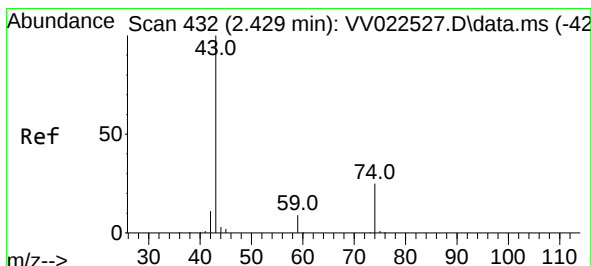
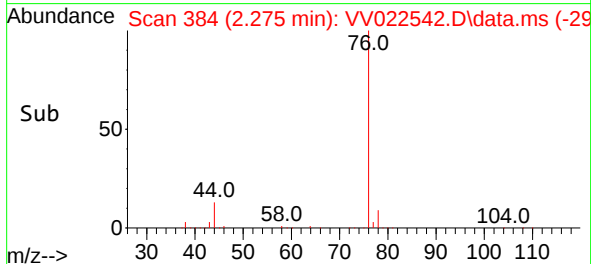
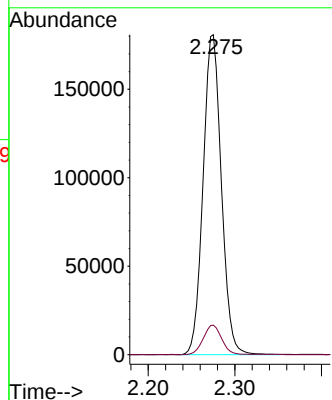
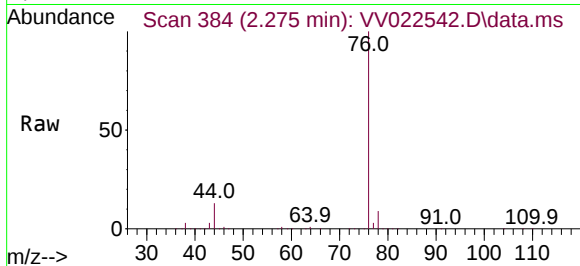




#14
Carbon disulfide
Concen: 38.151 ug/L
RT: 2.275 min Scan# 384
Delta R.T. -0.016 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

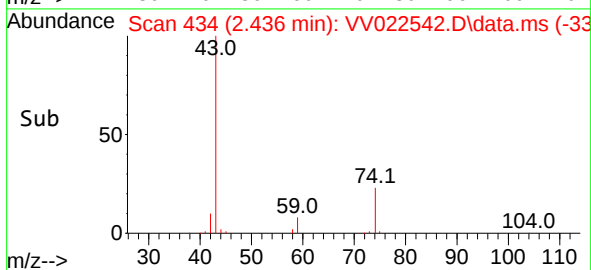
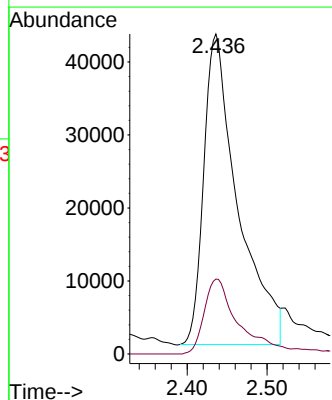
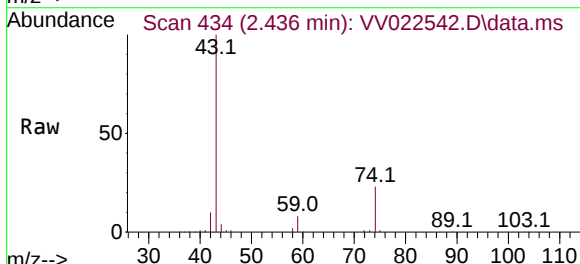
Instrument :
MSVOA_V
ClientSampled :

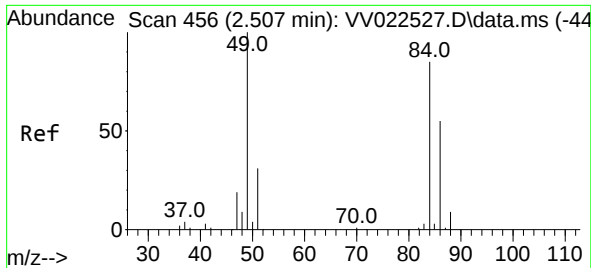
Tgt Ion: 76 Resp: 264569
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#15
Methyl Acetate
Concen: 48.839 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 125915
Ion Ratio Lower Upper
43 100
74 24.2 20.6 30.8

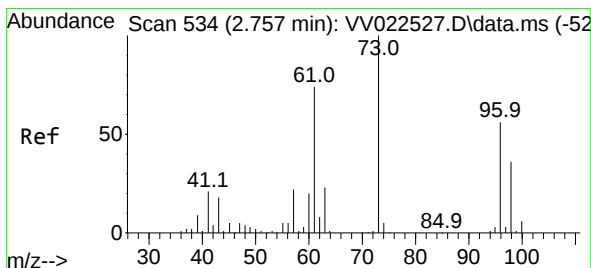
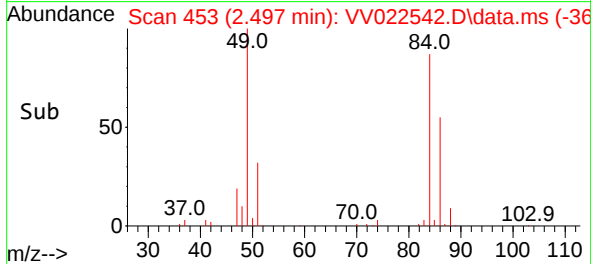
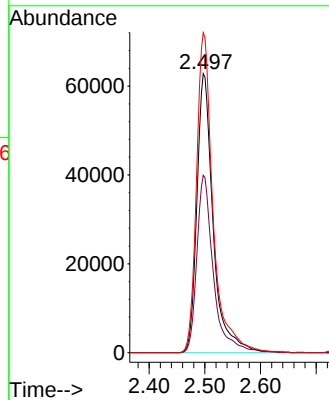
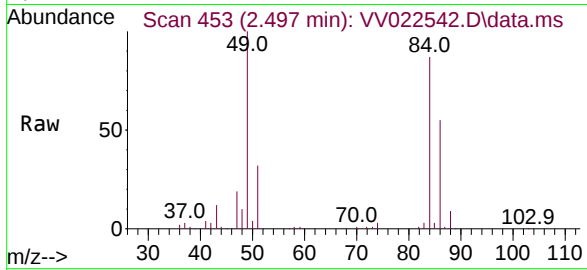




#16
Methylene chloride
Concen: 44.366 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.010 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

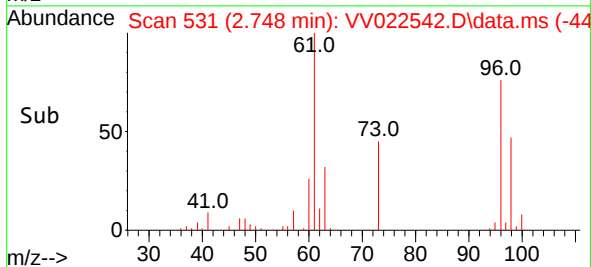
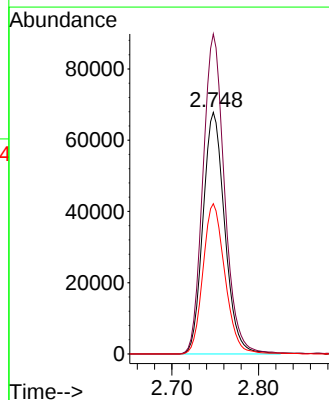
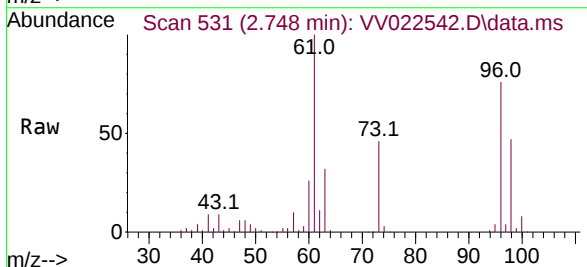
Instrument :
MSVOA_V
ClientSampleId :

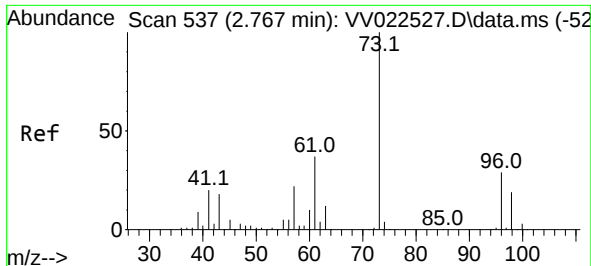
Tgt Ion: 84 Resp: 127966
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 114.7 82.7 153.7



#17
trans-1,2-Dichloroethene
Concen: 46.971 ug/L
RT: 2.748 min Scan# 531
Delta R.T. -0.010 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 96 Resp: 118370
Ion Ratio Lower Upper
96 100
61 132.4 90.8 168.6
98 62.2 44.0 81.8

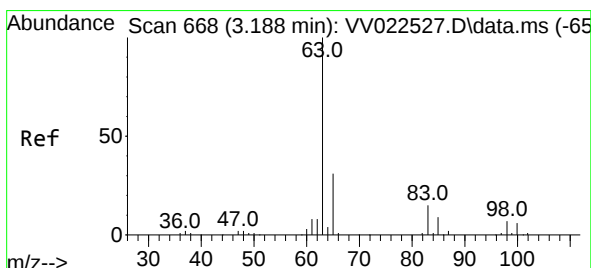
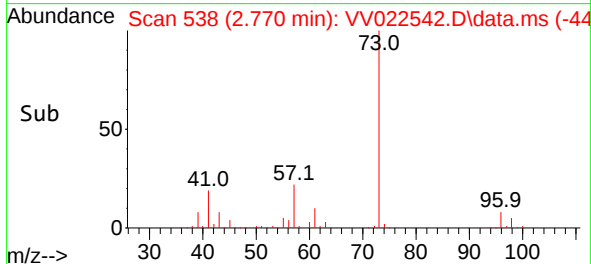
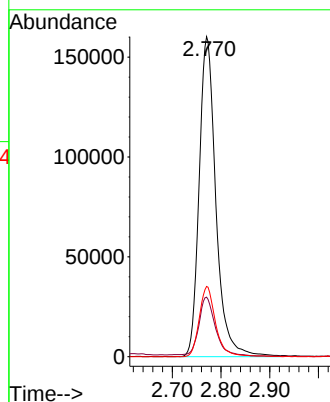
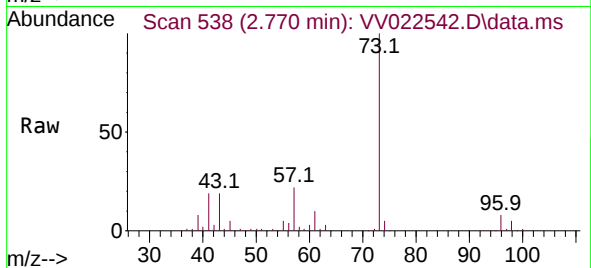




#18
Methyl tert-butyl Ether
Concen: 49.216 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

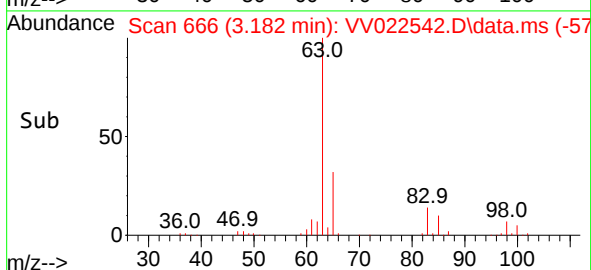
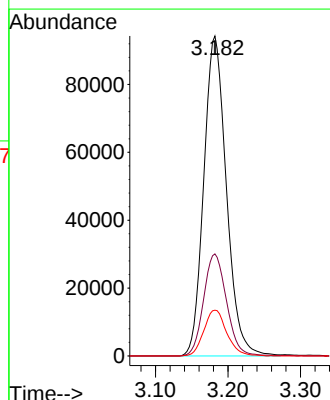
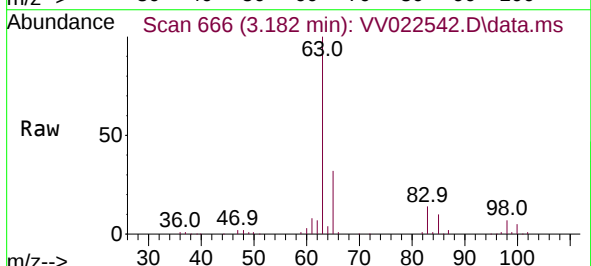
Instrument :
MSVOA_V
ClientSampleId :

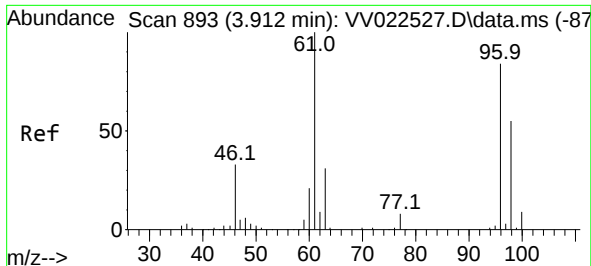
Tgt Ion: 73 Resp: 382918
Ion Ratio Lower Upper
73 100
43 17.9 15.1 22.7
57 21.2 17.6 26.4



#19
1,1-Dichloroethane
Concen: 45.835 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 63 Resp: 204379
Ion Ratio Lower Upper
63 100
65 31.9 22.9 42.5
83 14.3 9.4 17.4

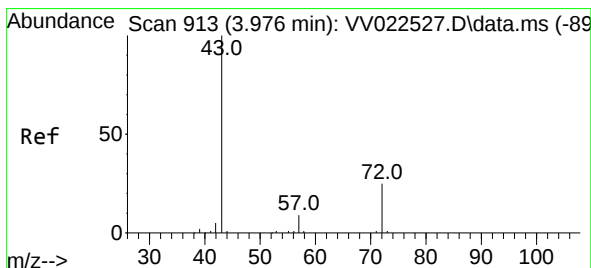
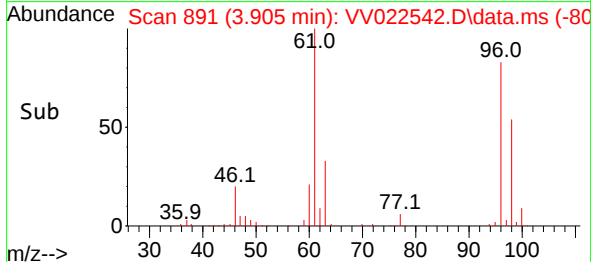
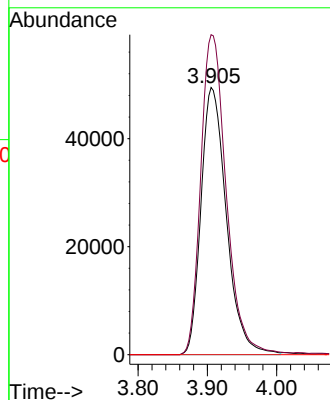
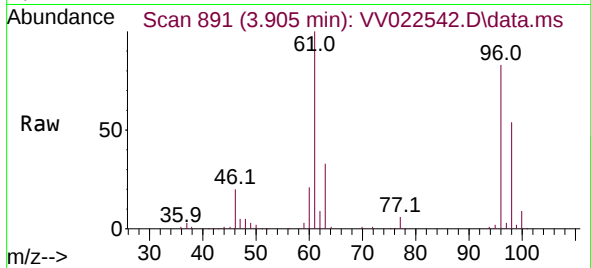




#20
cis-1,2-Dichloroethene
Concen: 46.877 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

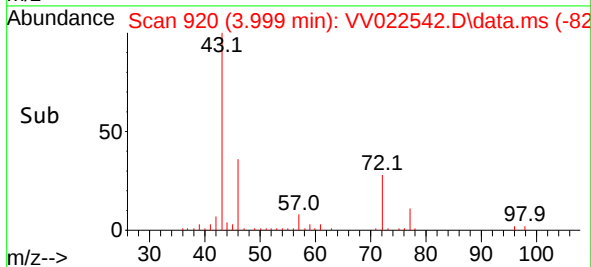
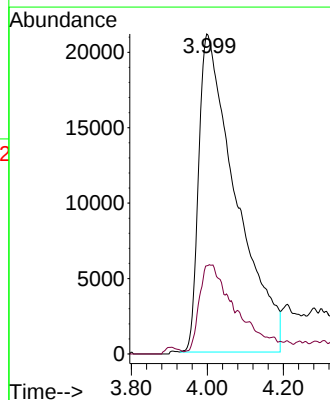
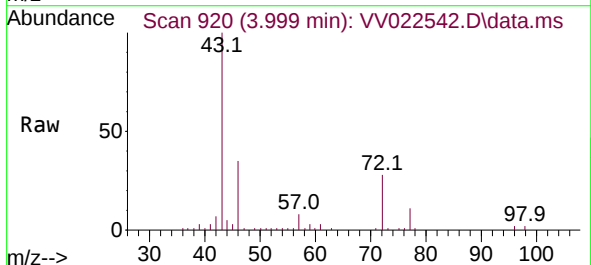
Instrument :
MSVOA_V
ClientSampleId :

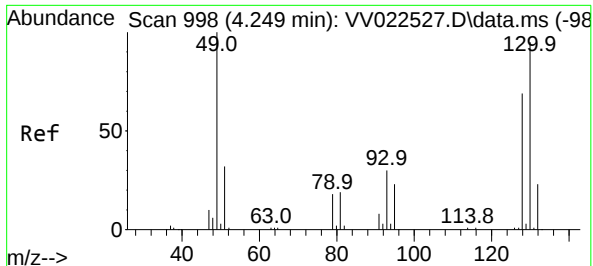
Tgt Ion: 96 Resp: 125853
Ion Ratio Lower Upper
96 100
61 119.8 81.9 152.1
68 0.0 0.0 0.0



#22
2-Butanone
Concen: 77.163 ug/L
RT: 3.999 min Scan# 920
Delta R.T. 0.023 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

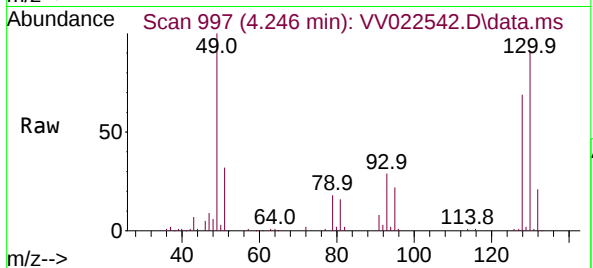
Tgt Ion: 43 Resp: 143591
Ion Ratio Lower Upper
43 100
72 0.0 10.0 29.8#



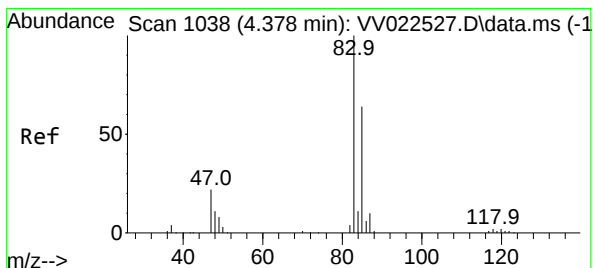
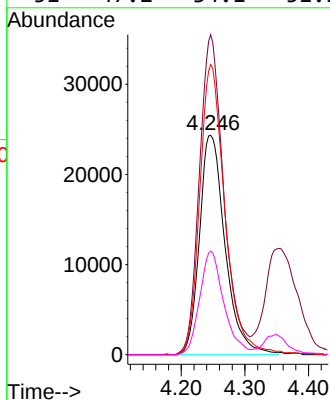
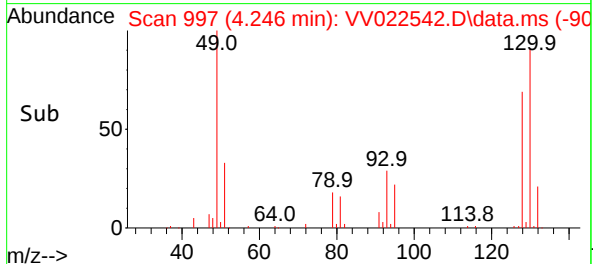


#23
Bromochloromethane
Concen: 46.079 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

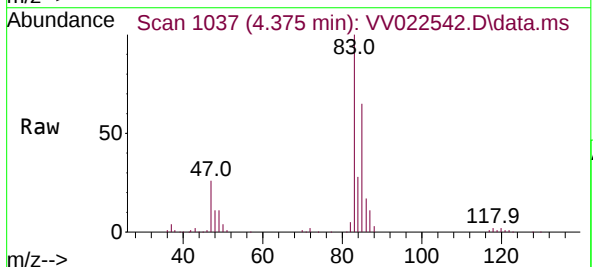
Instrument :
MSVOA_V
ClientSampleId :



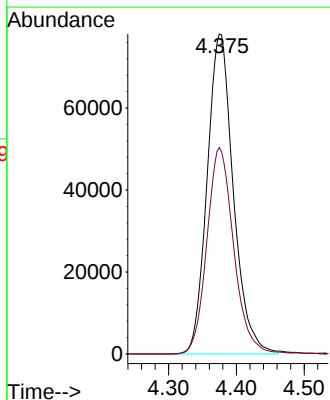
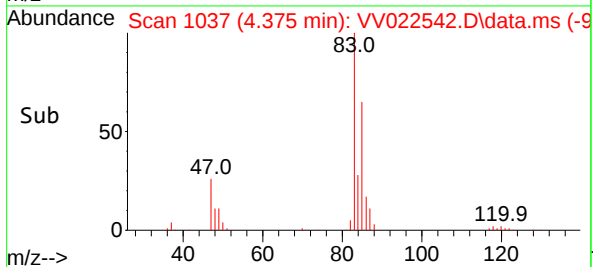
Tgt Ion:128 Resp: 67965
Ion Ratio Lower Upper
128 100
49 145.8 97.2 180.4
130 132.2 86.3 160.3
51 47.2 34.1 51.1

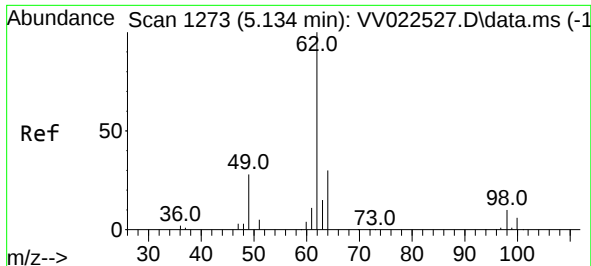


#25
Chloroform
Concen: 46.721 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22



Tgt Ion: 83 Resp: 209639
Ion Ratio Lower Upper
83 100
85 64.5 45.8 85.0





#27

1,2-Dichloroethane

Concen: 47.046 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV022542.D

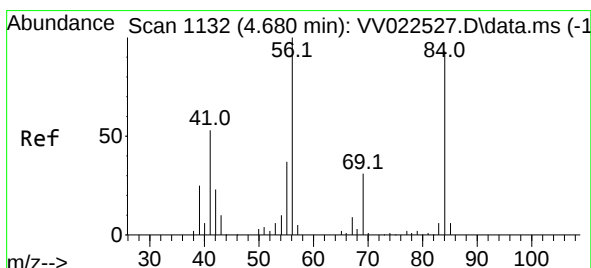
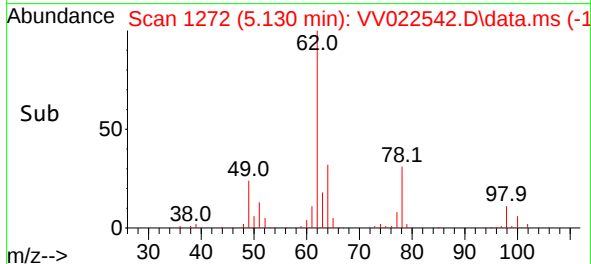
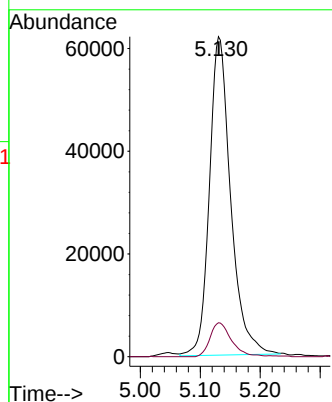
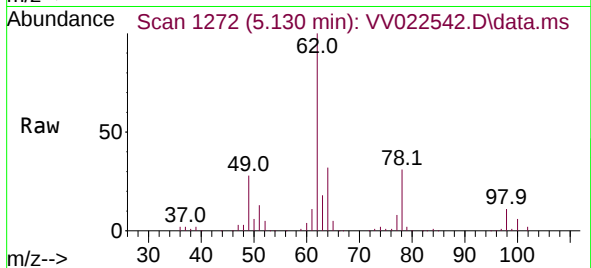
Acq: 03 Oct 2021 04:22

Tgt Ion: 62 Resp: 152859

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.4



#29

Cyclohexane

Concen: 49.999 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. -0.010 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

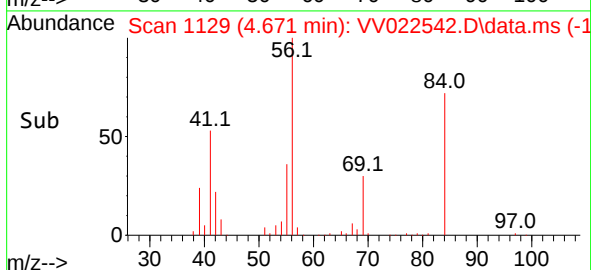
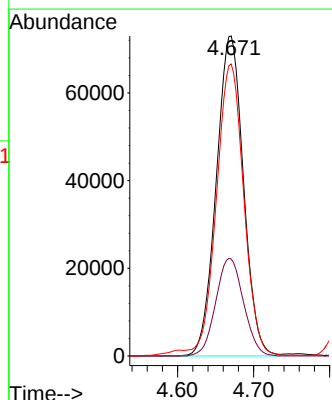
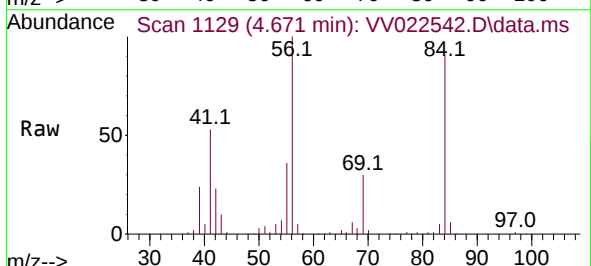
Tgt Ion: 56 Resp: 181191

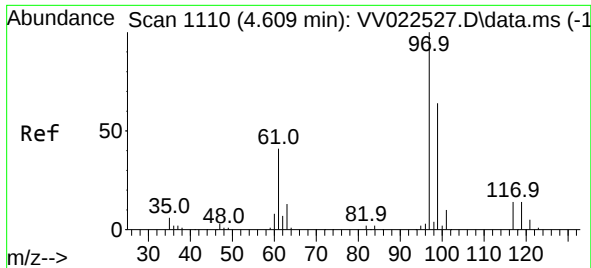
Ion Ratio Lower Upper

56 100

69 31.1 24.9 37.3

84 91.1 73.9 110.9

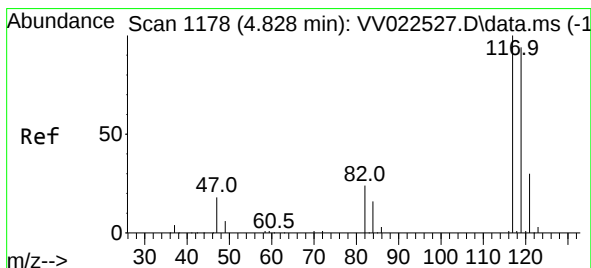
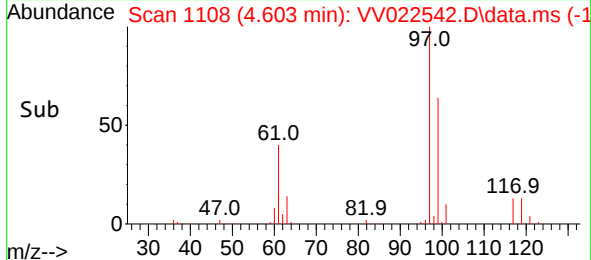
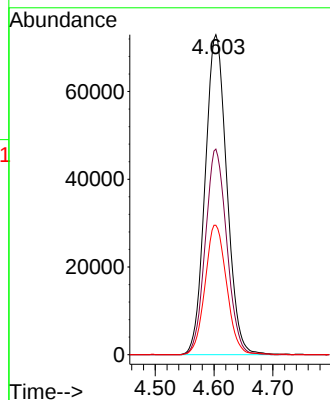
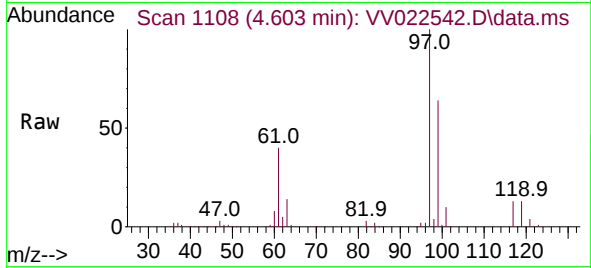




#30
1,1,1-Trichloroethane
Concen: 48.084 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

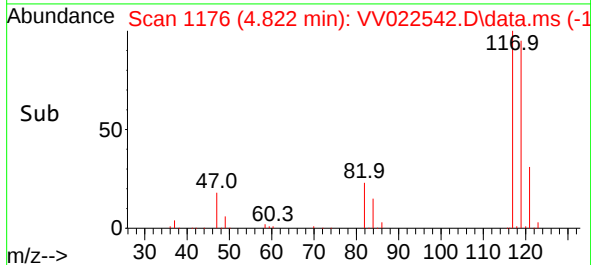
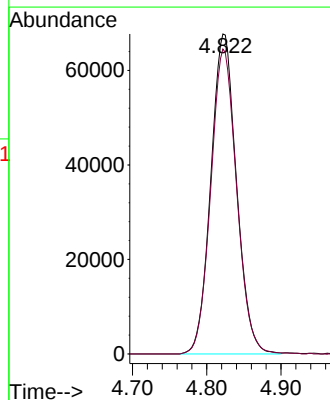
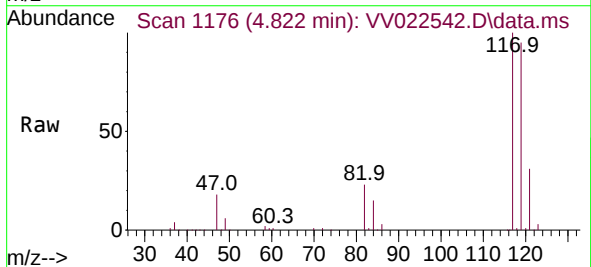
Instrument :
MSVOA_V
ClientSampleId :

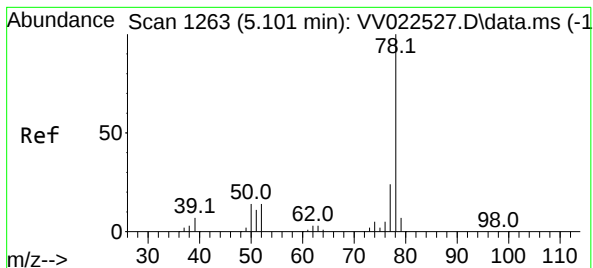
Tgt Ion: 97 Resp: 186747
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 40.2 32.9 49.3



#31
Carbon tetrachloride
Concen: 47.620 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. -0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 117 Resp: 162475
Ion Ratio Lower Upper
117 100
119 96.0 78.3 117.5





#33

Benzene

Concen: 47.537 ug/L

RT: 5.095 min Scan# 1261

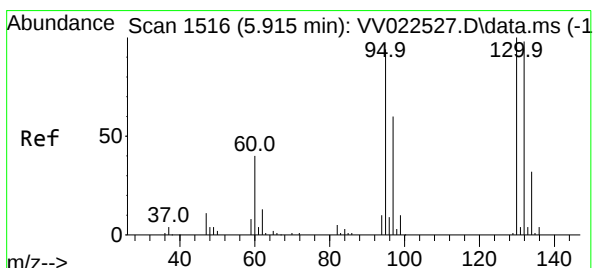
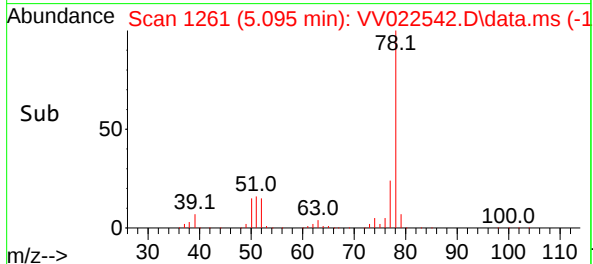
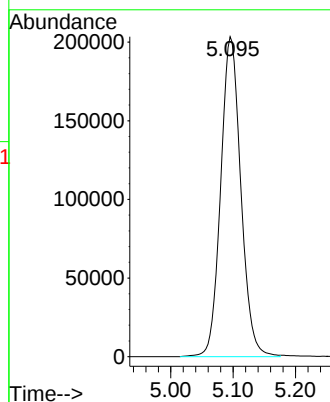
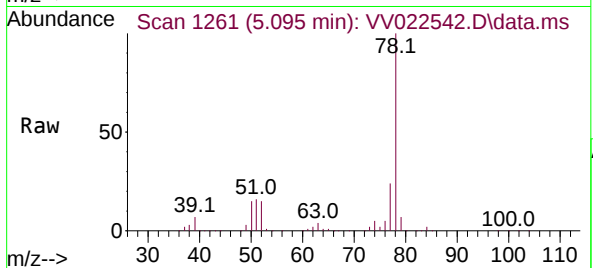
Delta R.T. -0.006 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion: 78 Resp: 456338

Instrument :
MSVOA_V
ClientSampled :



#34

Trichloroethene

Concen: 88.604 ug/L

RT: 5.912 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion: 95 Resp: 222083

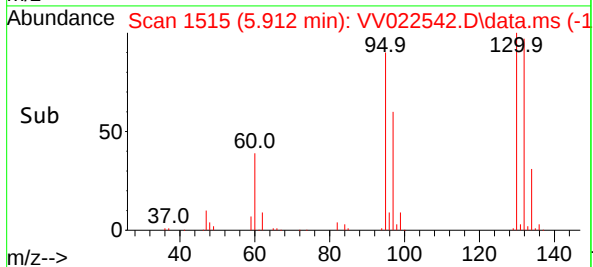
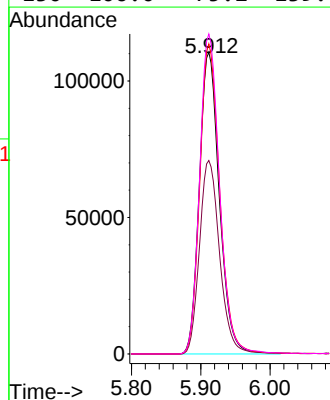
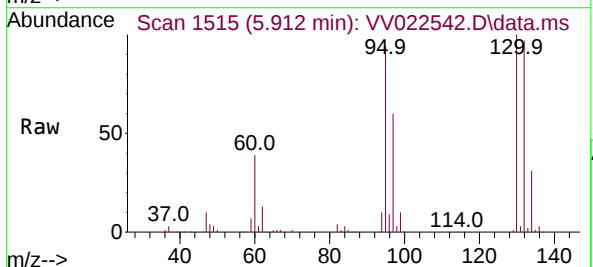
Ion Ratio Lower Upper

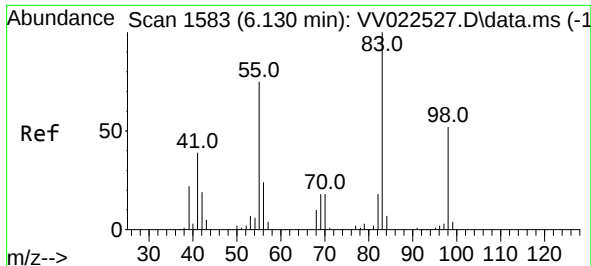
95 100

97 64.1 45.4 84.4

132 102.8 71.5 132.9

130 106.0 75.2 139.6





#35

Methylcyclohexane

Concen: 48.228 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.003 min

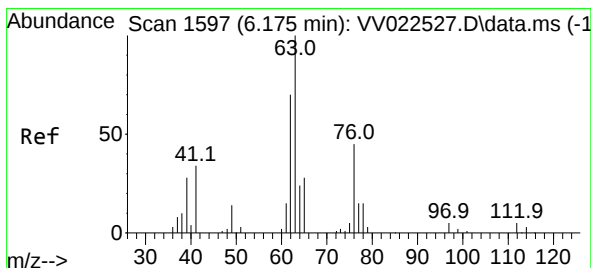
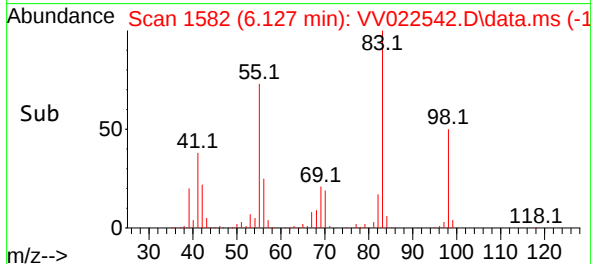
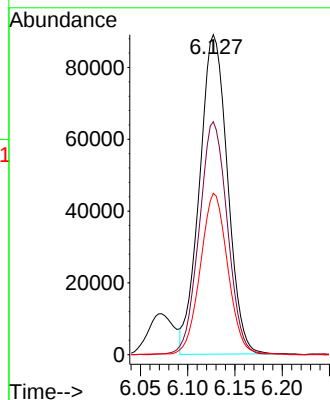
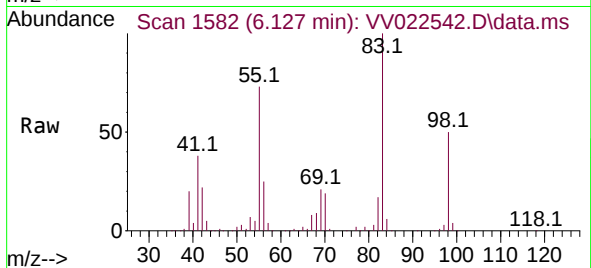
Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion: 83 Resp: 183294

Ion	Ratio	Lower	Upper
83	100		
55	73.6	56.7	85.1
98	49.7	40.6	60.8

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 46.461 ug/L

RT: 6.175 min Scan# 1597

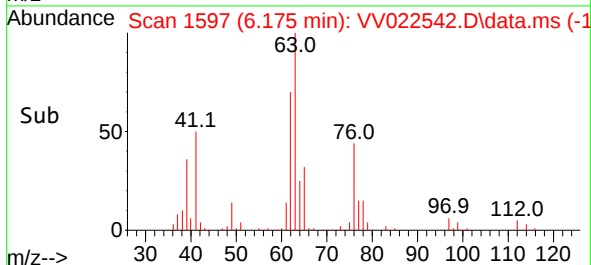
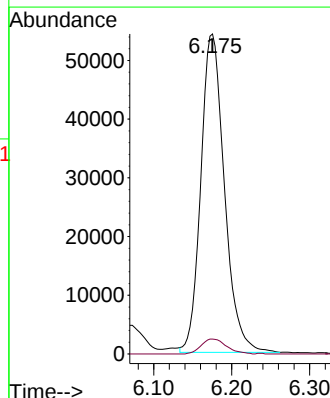
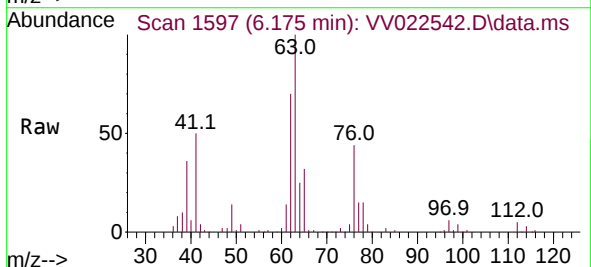
Delta R.T. 0.000 min

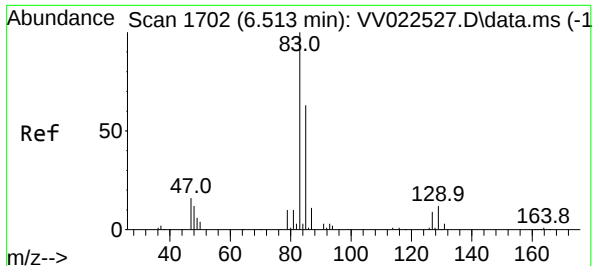
Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion: 63 Resp: 114193

Ion	Ratio	Lower	Upper
63	100		
112	5.0	4.1	6.1

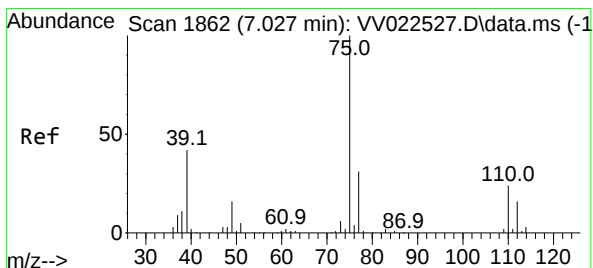
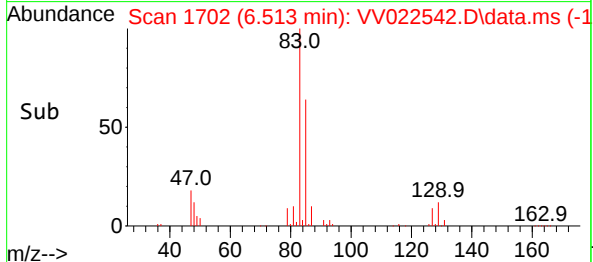
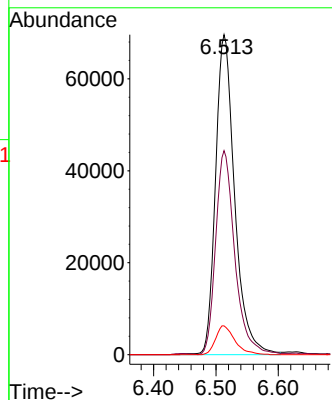
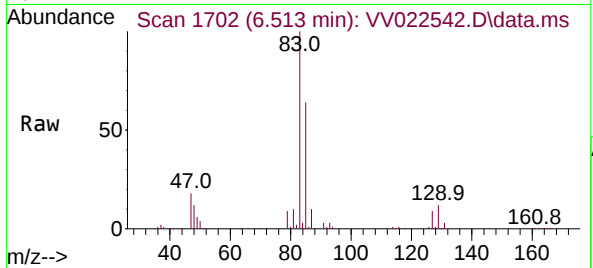




#38
Bromodichloromethane
Concen: 46.396 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

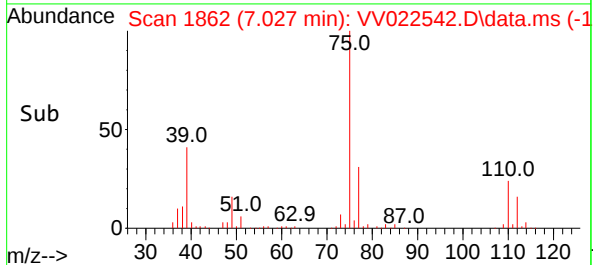
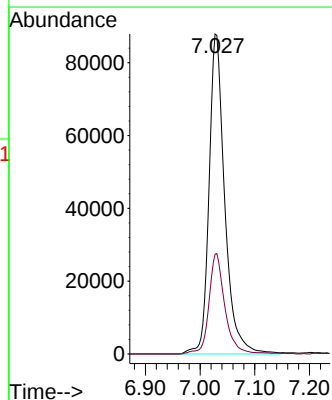
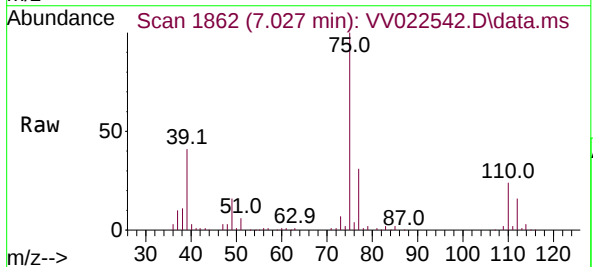
Instrument :
MSVOA_V
ClientSampleId :

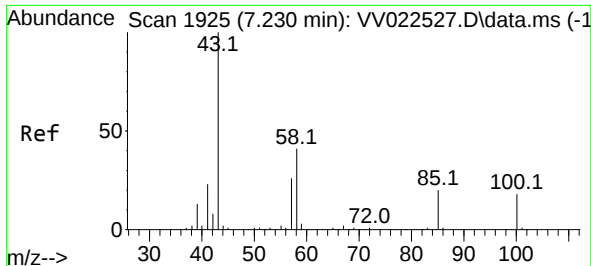
Tgt Ion: 83 Resp: 148124
Ion Ratio Lower Upper
83 100
85 63.8 46.3 86.1
127 9.0 7.5 11.3



#39
cis-1,3-Dichloropropene
Concen: 47.381 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 75 Resp: 175139
Ion Ratio Lower Upper
75 100
77 31.2 21.6 40.2

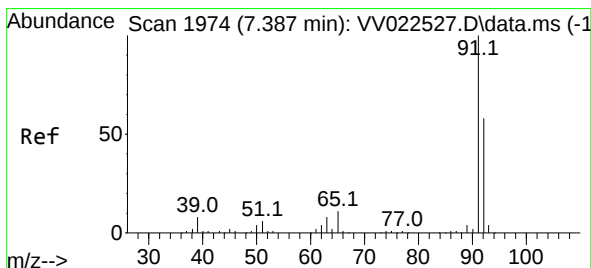
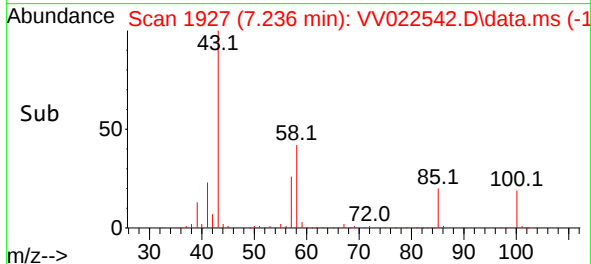
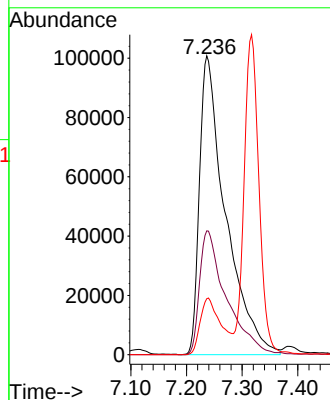
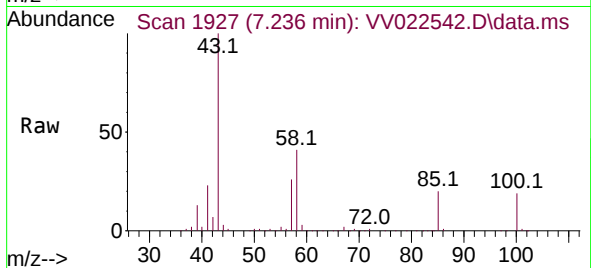




#40
4-Methyl-2-pentanone
Concen: 95.214 ug/L
RT: 7.236 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

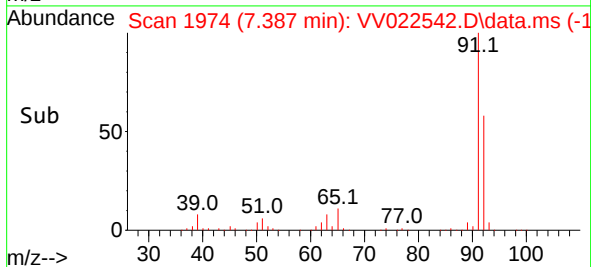
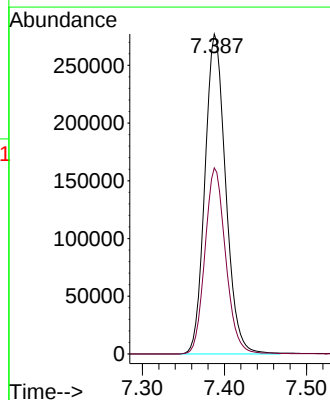
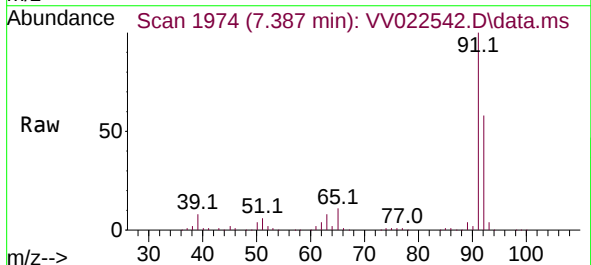
Instrument :
MSVOA_V
ClientSampleId :

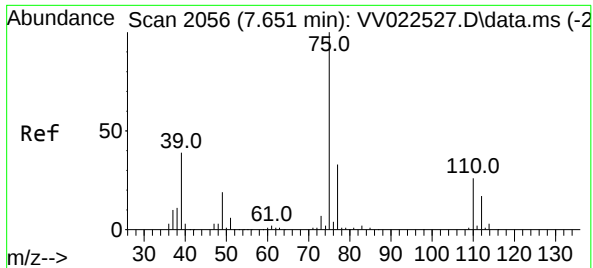
Tgt Ion: 43 Resp: 328821
Ion Ratio Lower Upper
43 100
58 42.3 32.5 48.7
100 15.0 13.9 20.9



#42
Toluene
Concen: 48.207 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 91 Resp: 487479
Ion Ratio Lower Upper
91 100
92 58.2 40.6 75.4

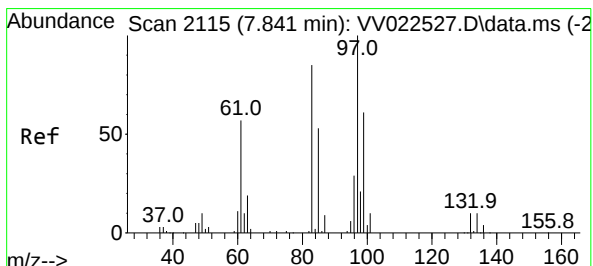
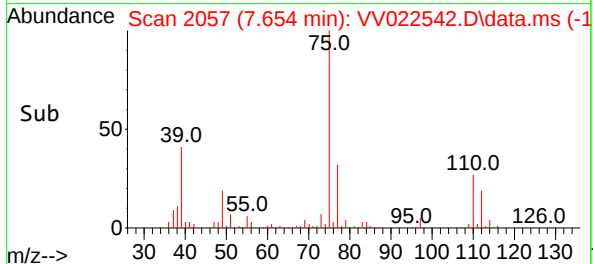
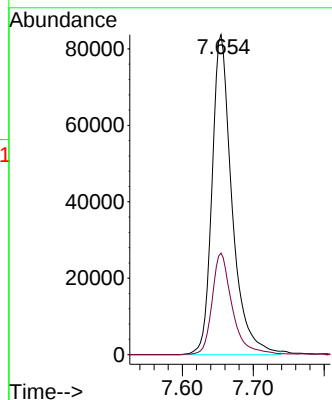
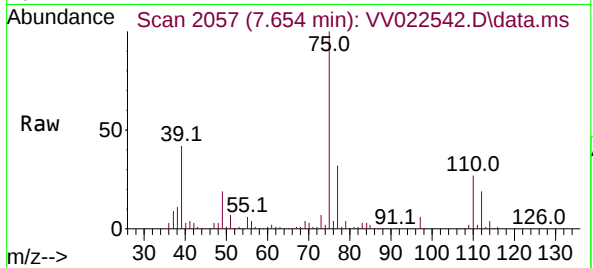




#44
trans-1,3-Dichloropropene
Concen: 46.102 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

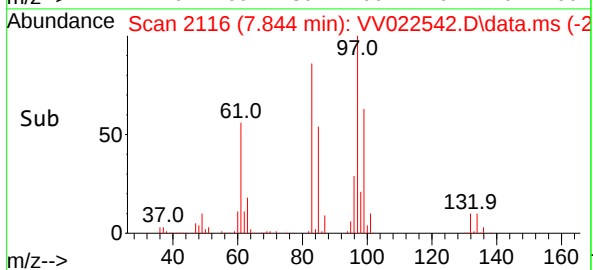
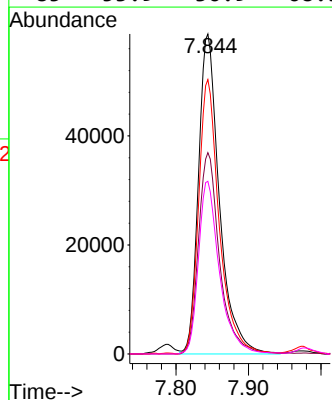
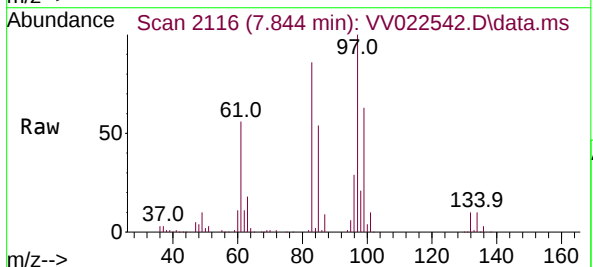
Instrument :
MSVOA_V
ClientSampleId :

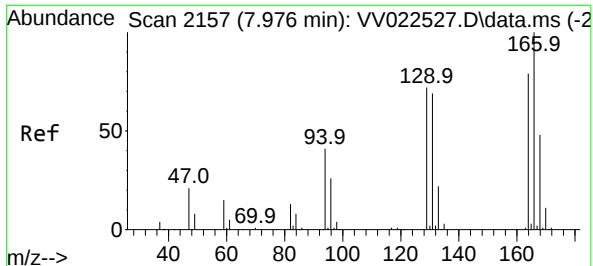
Tgt Ion: 75 Resp: 164071
Ion Ratio Lower Upper
75 100
77 31.8 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 46.419 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 97 Resp: 118102
Ion Ratio Lower Upper
97 100
99 62.9 43.1 80.1
83 85.8 58.6 108.8
85 53.9 36.9 68.5



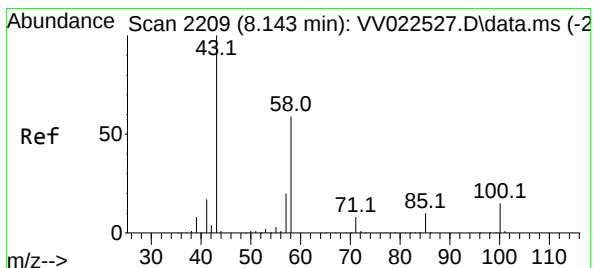
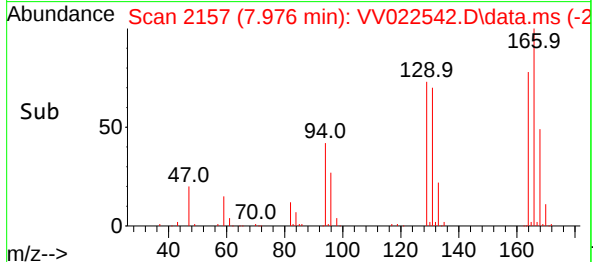
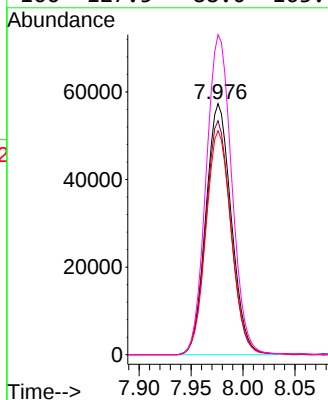
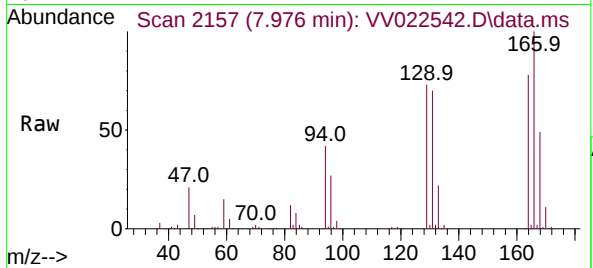


#46
Tetrachloroethene
Concen: 46.657 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:164 Resp: 97902

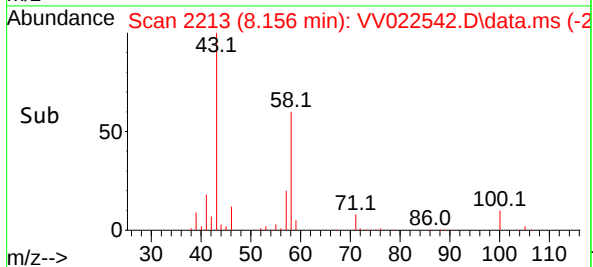
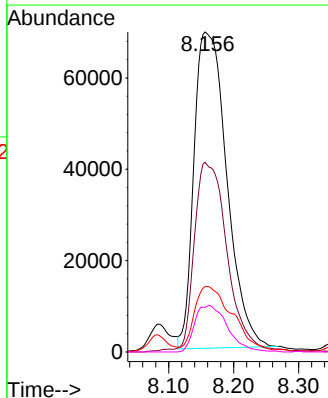
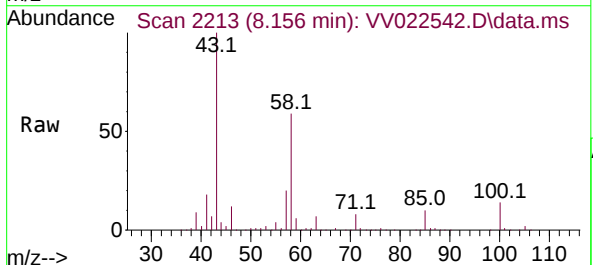
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.6	120.0
131	89.3	59.9	111.3
166	127.5	88.0	163.4

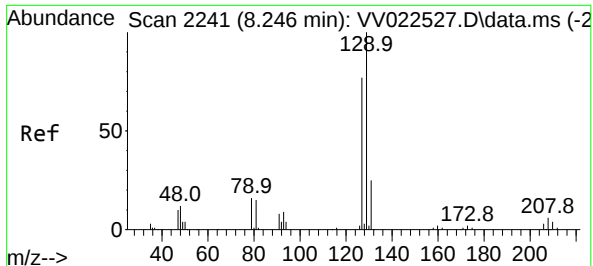


#48
2-Hexanone
Concen: 92.056 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.013 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 43 Resp: 243151

Ion	Ratio	Lower	Upper
43	100		
58	58.0	47.0	70.4
57	23.0	15.8	23.6
100	5.2	11.8	17.6





#49

Dibromochloromethane

Concen: 47.411 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.003 min

Lab File: VV022542.D

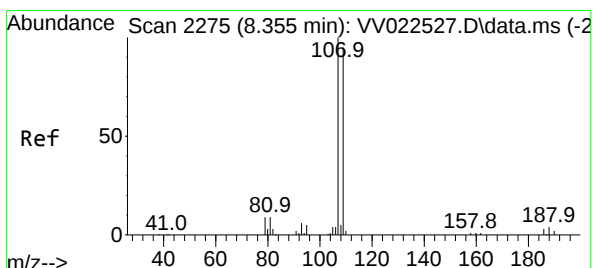
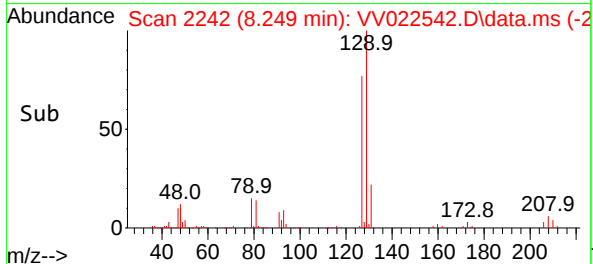
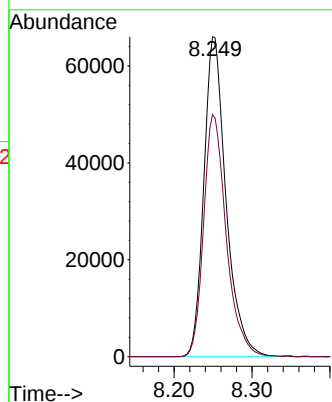
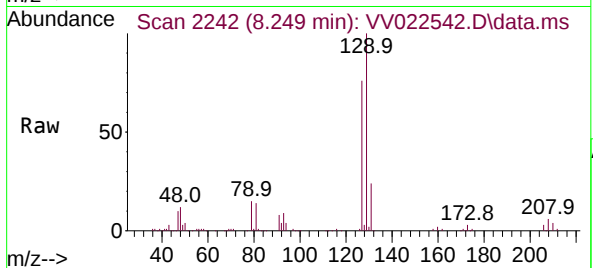
Acq: 03 Oct 2021 04:22

Tgt Ion:129 Resp: 130536

Ion Ratio Lower Upper

129 100

127 75.6 53.5 99.5



#50

1,2-Dibromoethane

Concen: 46.628 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

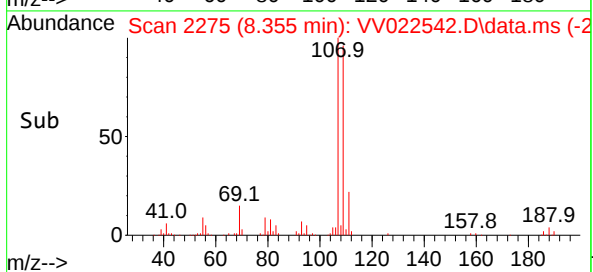
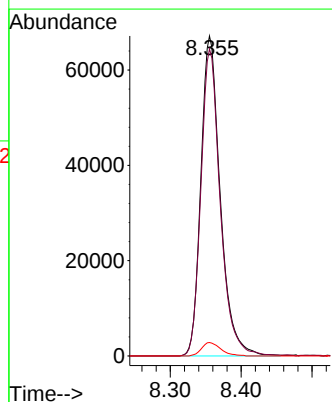
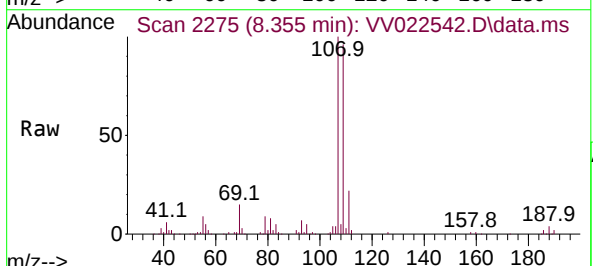
Tgt Ion:107 Resp: 127728

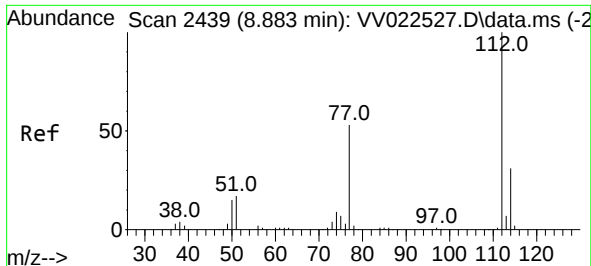
Ion Ratio Lower Upper

107 100

109 95.9 64.8 120.3

188 4.2 3.2 4.8

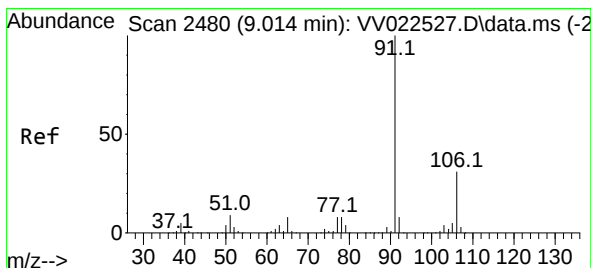
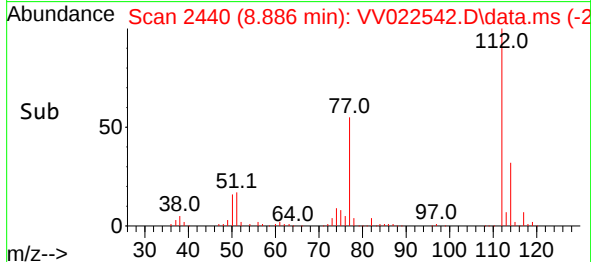
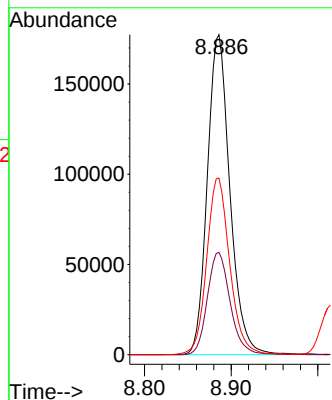
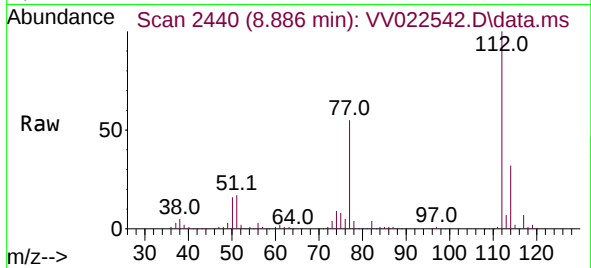




#51
Chlorobenzene
Concen: 47.742 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

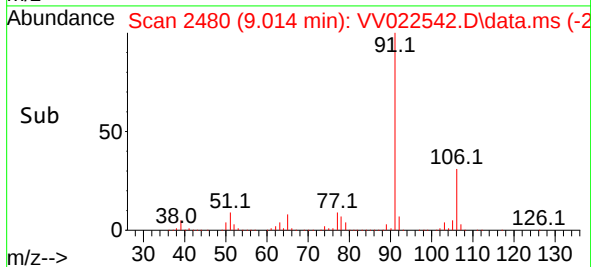
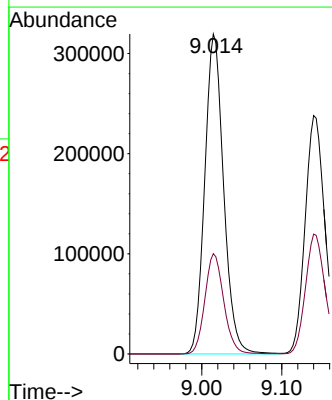
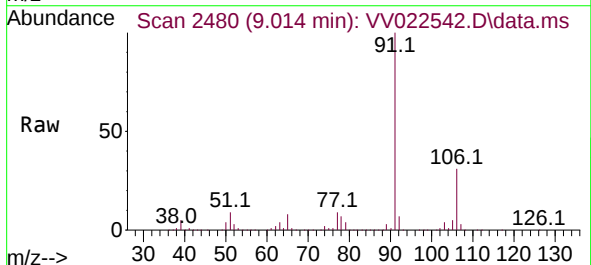
Instrument :
MSVOA_V
ClientSampled :

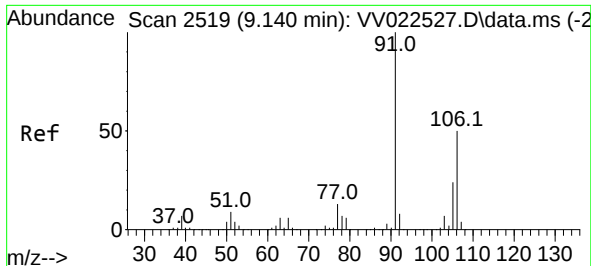
Tgt Ion:112 Resp: 321120
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 55.2 44.0 66.0



#52
Ethylbenzene
Concen: 49.814 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 91 Resp: 524266
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0

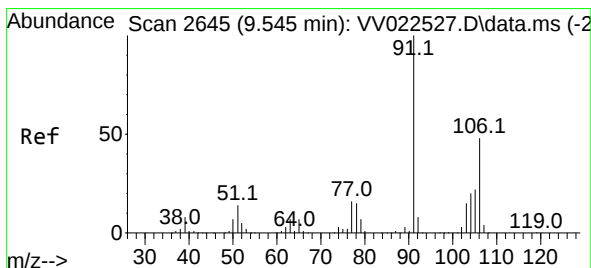
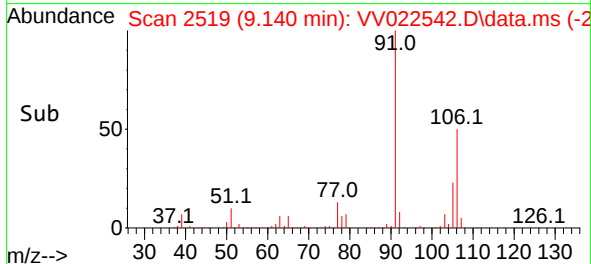
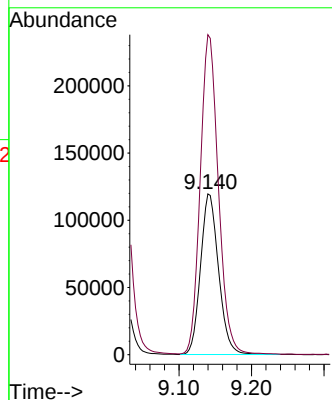
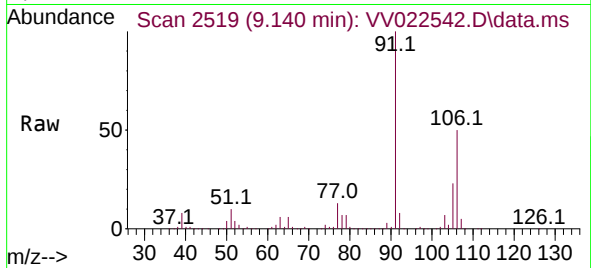




#53
m,p-Xylene
Concen: 49.420 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

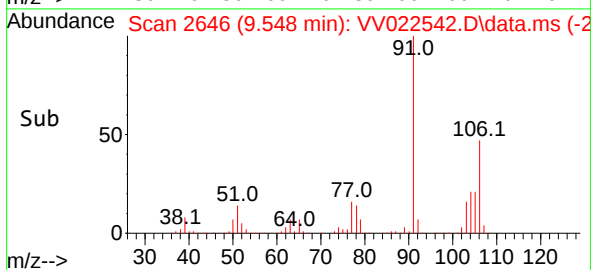
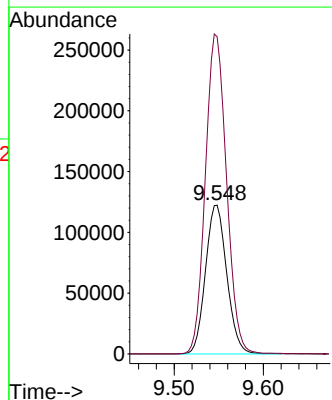
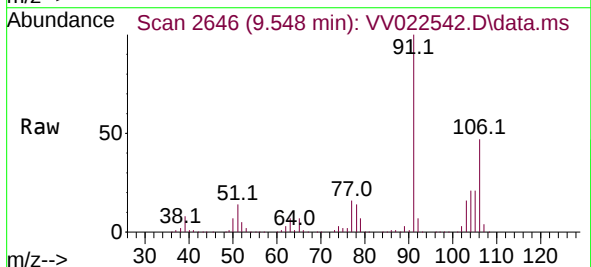
Instrument :
MSVOA_V
ClientSampled :

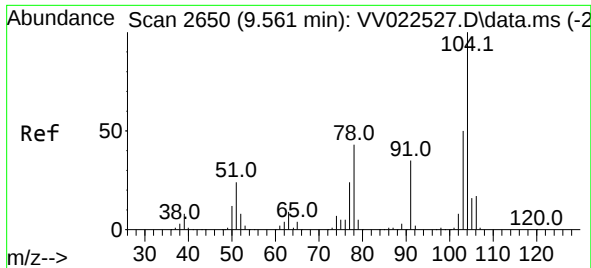
Tgt Ion:106 Resp: 206069
Ion Ratio Lower Upper
106 100
91 199.0 139.4 258.8



#54
o-Xylene
Concen: 50.024 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:106 Resp: 203223
Ion Ratio Lower Upper
106 100
91 213.3 148.7 276.1

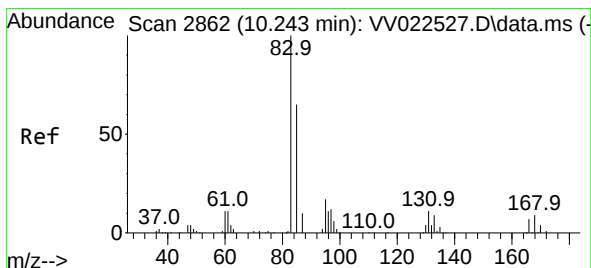
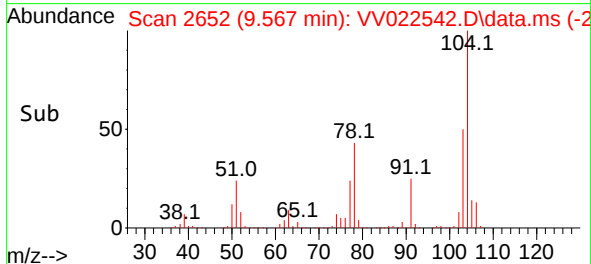
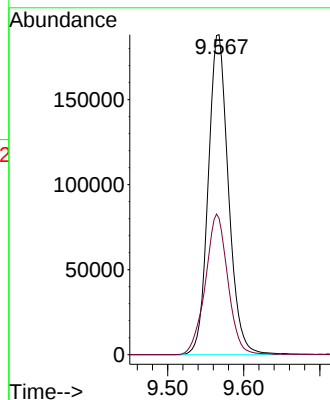
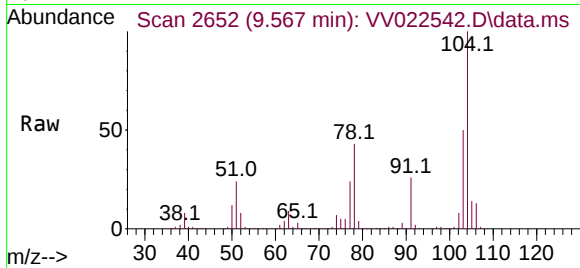




#55
Styrene
Concen: 49.865 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

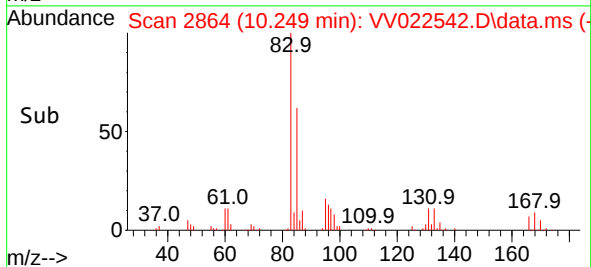
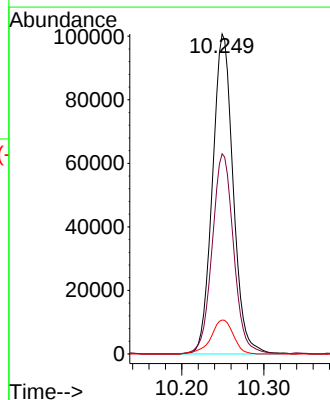
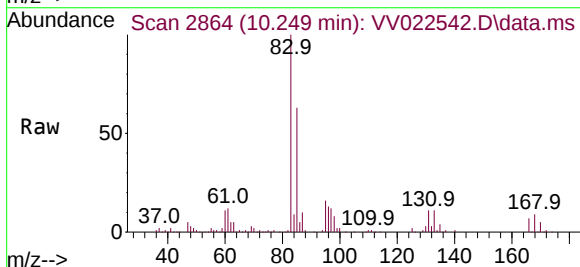
Instrument :
MSVOA_V
ClientSampled :

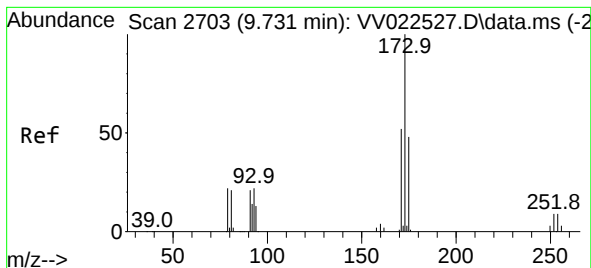
Tgt Ion:104 Resp: 347640
Ion Ratio Lower Upper
104 100
78 42.6 30.6 56.8



#57
1,1,2,2-Tetrachloroethane
Concen: 44.946 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 83 Resp: 176743
Ion Ratio Lower Upper
83 100
85 62.6 45.2 84.0
131 10.6 8.2 12.4





#59

Bromoform

Concen: 47.195 ug/L

RT: 9.738 min Scan# 2705

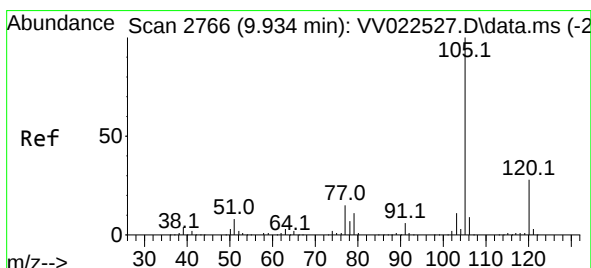
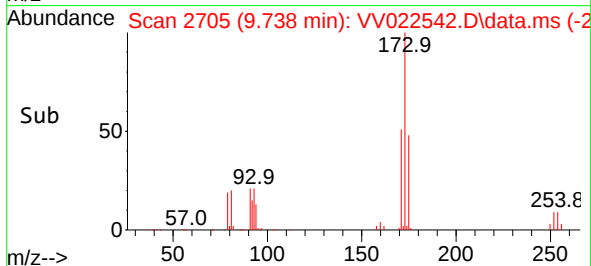
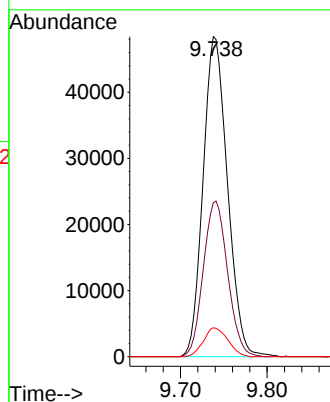
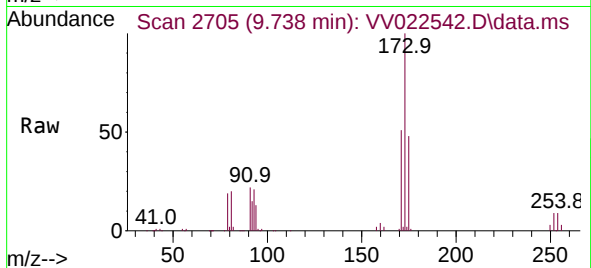
Delta R.T. 0.006 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion:173	Resp:	94885
Ion Ratio	Lower	Upper
173	100	
175	48.4	38.3 57.5
254	9.0	7.0 10.6

Instrument :
MSVOA_V
ClientSampled :



#60

Isopropylbenzene

Concen: 51.542 ug/L

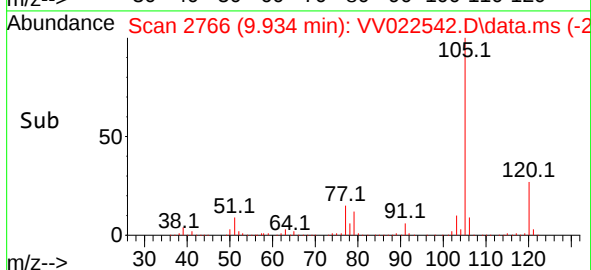
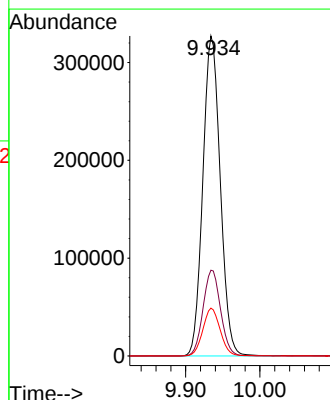
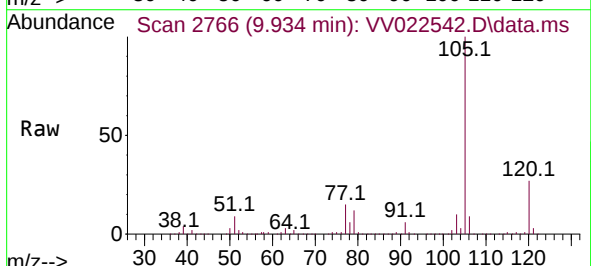
RT: 9.934 min Scan# 2766

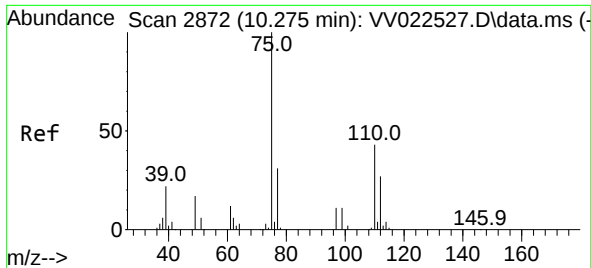
Delta R.T. 0.000 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion:105	Resp:	533197
Ion Ratio	Lower	Upper
105	100	
120	27.0	21.6 32.4
77	14.8	12.0 18.0

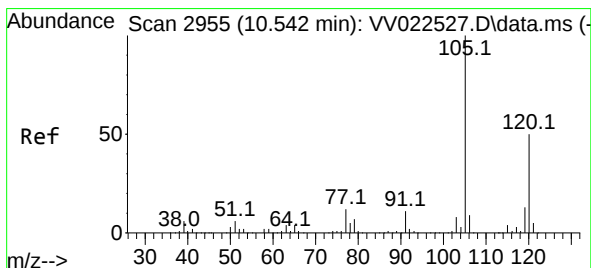
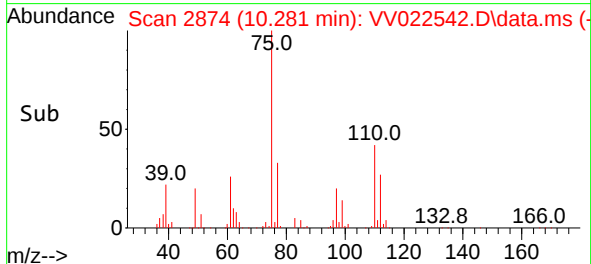
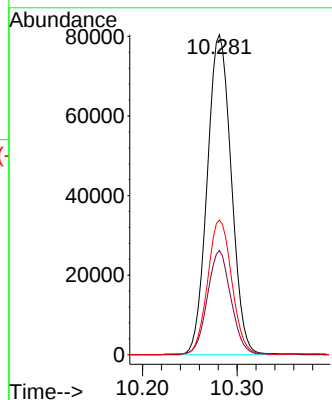
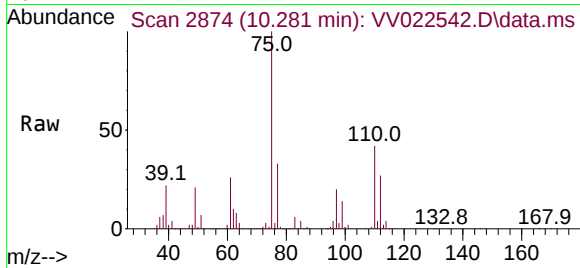




#61
1,2,3-Trichloropropane
Concen: 45.931 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.006 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

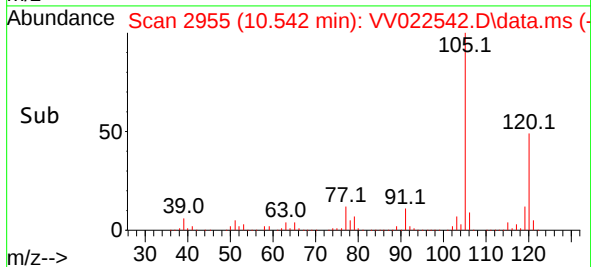
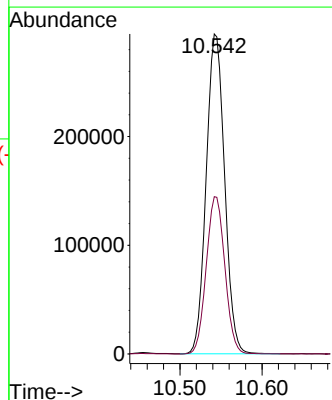
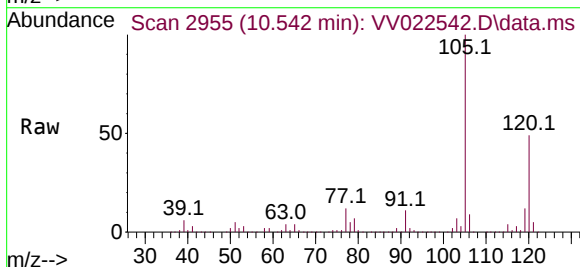
Instrument :
MSVOA_V
ClientSampled :

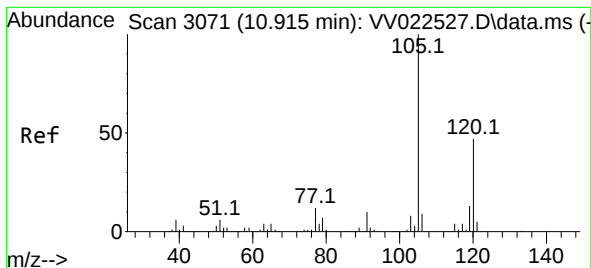
Tgt Ion: 75 Resp: 142028
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
110 42.6 34.3 51.5



#62
1,3,5-Trimethylbenzene
Concen: 52.753 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion: 105 Resp: 459486
Ion Ratio Lower Upper
105 100
120 49.7 39.7 59.5





#63

1,2,4-Trimethylbenzene

Concen: 52.710 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.003 min

Lab File: VV022542.D

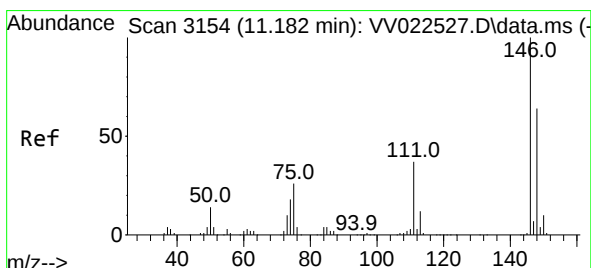
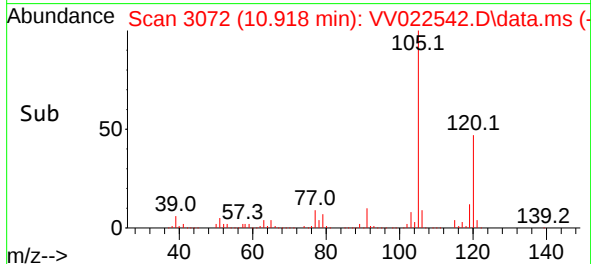
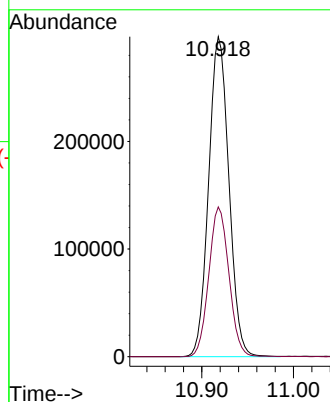
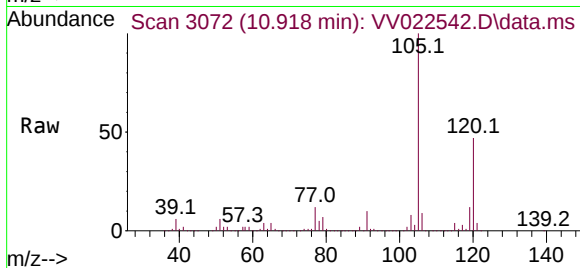
Acq: 03 Oct 2021 04:22

Tgt Ion:105 Resp: 456410

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.0



#64

1,3-Dichlorobenzene

Concen: 48.750 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.003 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

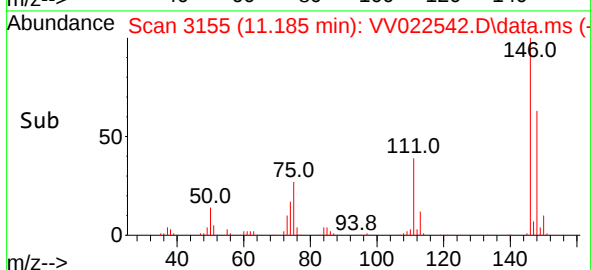
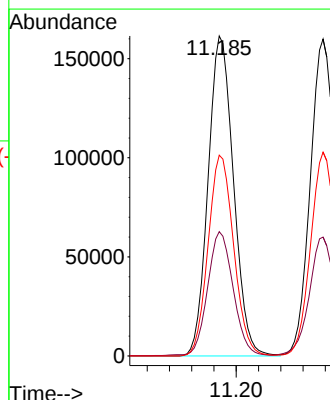
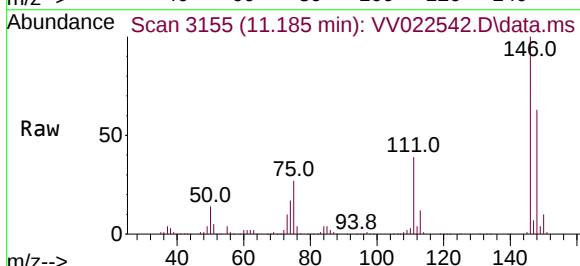
Tgt Ion:146 Resp: 255857

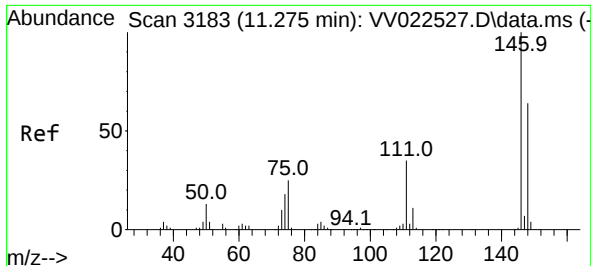
Ion Ratio Lower Upper

146 100

111 38.9 26.5 49.3

148 62.7 44.6 82.8

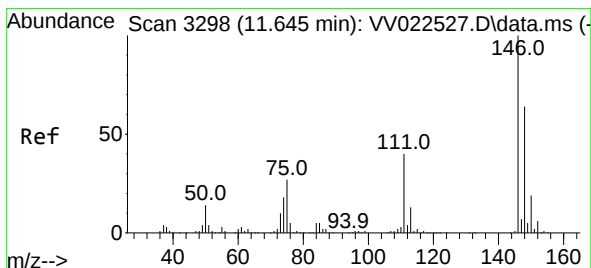
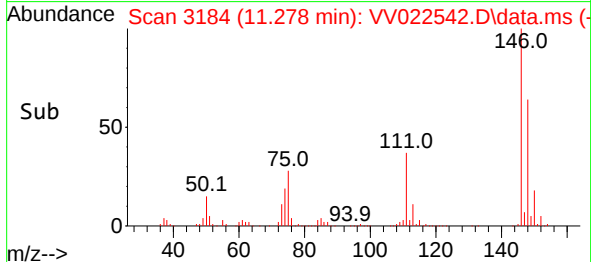
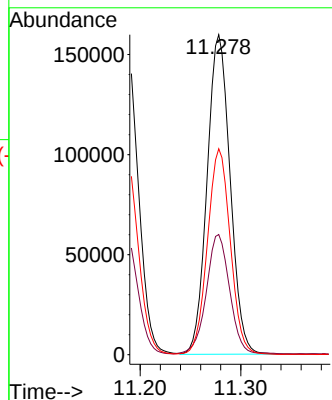
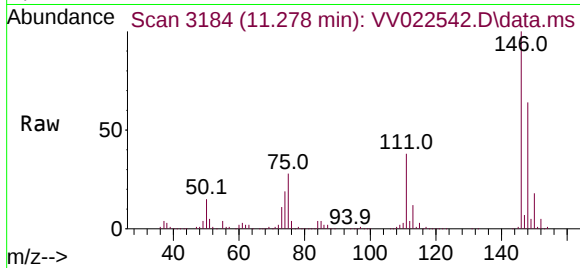




#65
1,4-Dichlorobenzene
Concen: 46.624 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

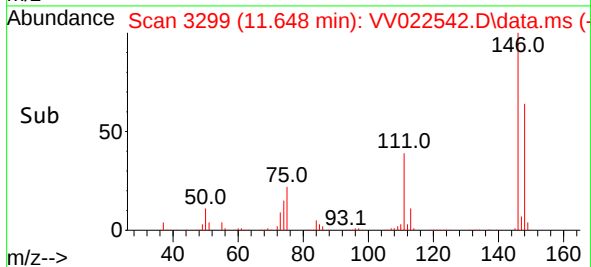
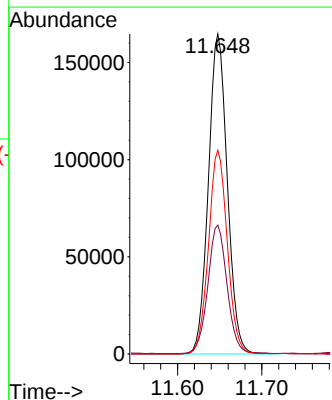
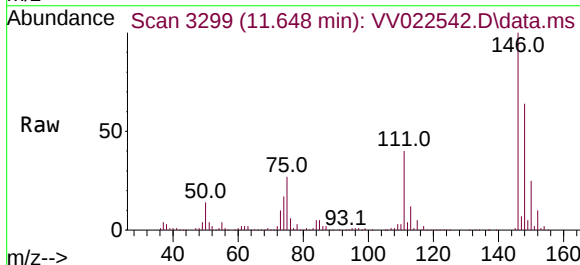
Instrument :
MSVOA_V
ClientSampled :

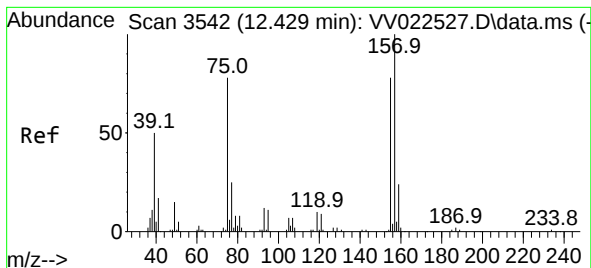
Tgt Ion:146 Resp: 254131
Ion Ratio Lower Upper
146 100
111 37.5 25.5 47.3
148 64.3 43.9 81.5



#67
1,2-Dichlorobenzene
Concen: 47.897 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:146 Resp: 256898
Ion Ratio Lower Upper
146 100
111 40.2 31.6 47.4
148 63.7 50.4 75.6





#68

1,2-Dibromo-3-chloropropane

Concen: 45.128 ug/L

RT: 12.432 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion: 75 Resp: 38233

Ion Ratio Lower Upper

75 100

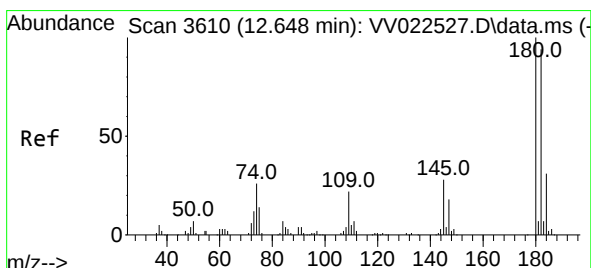
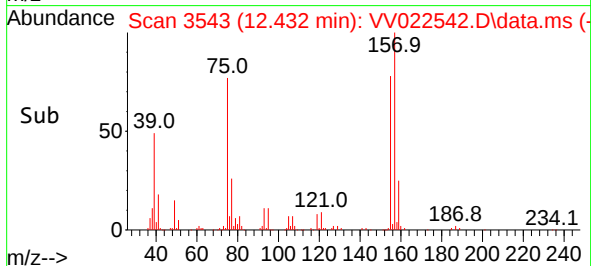
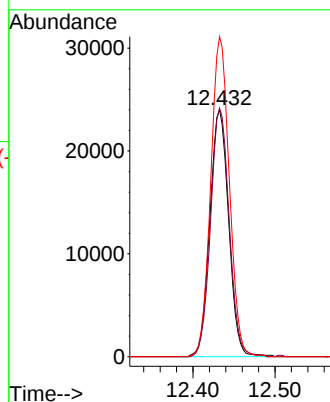
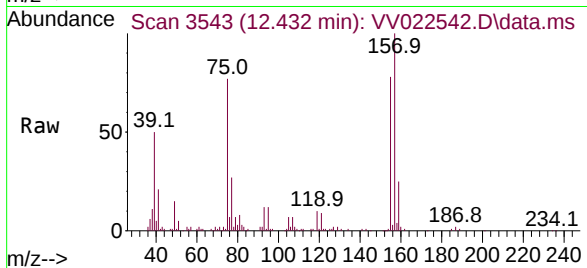
155 100.7 79.1 118.7

157 129.7 104.2 156.2

Instrument :

MSVOA_V

ClientSampleId :



#69

1,3,5-Trichlorobenzene

Concen: 47.626 ug/L

RT: 12.648 min Scan# 3610

Delta R.T. 0.000 min

Lab File: VV022542.D

Acq: 03 Oct 2021 04:22

Tgt Ion:180 Resp: 185724

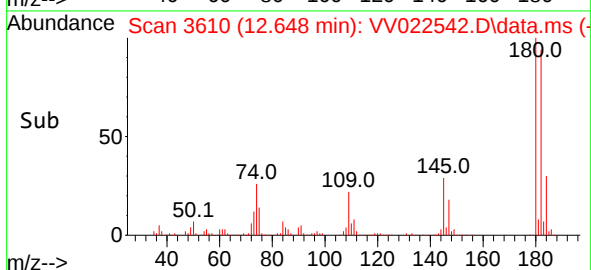
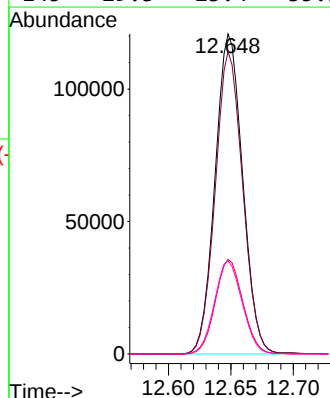
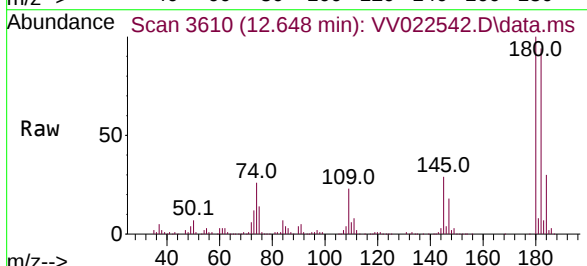
Ion Ratio Lower Upper

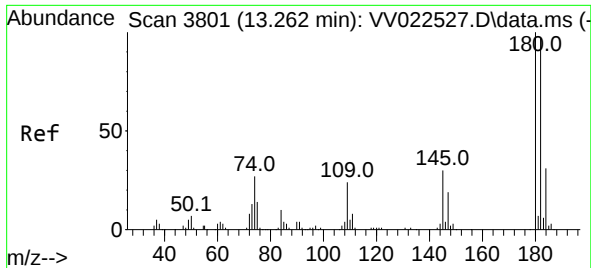
180 100

182 94.0 75.0 112.4

184 29.5 23.6 35.4

145 29.3 23.4 35.2

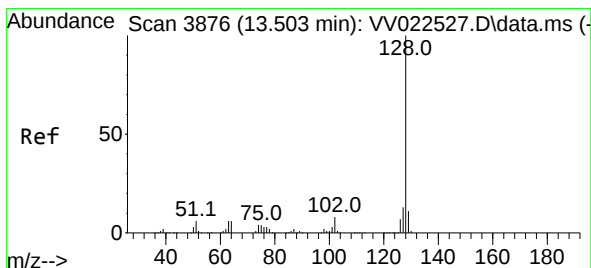
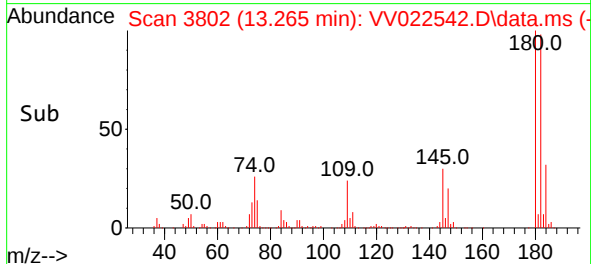
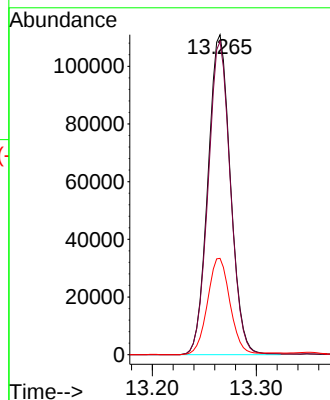
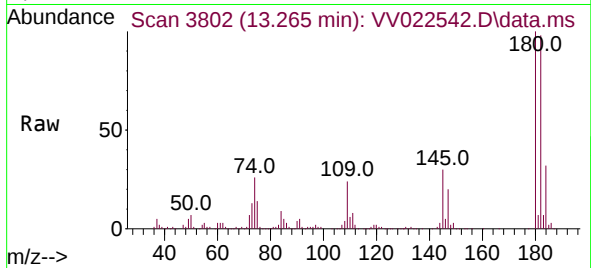




#70
1,2,4-trichlorobenzene
Concen: 47.622 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

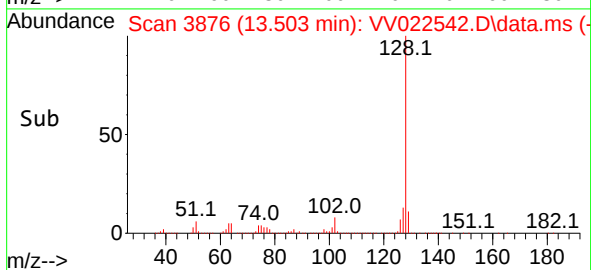
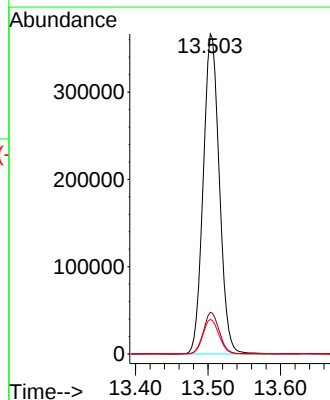
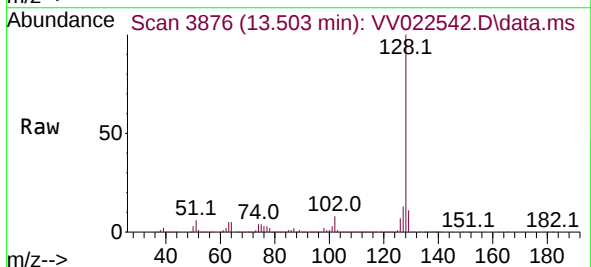
Instrument :
MSVOA_V
ClientSampled :

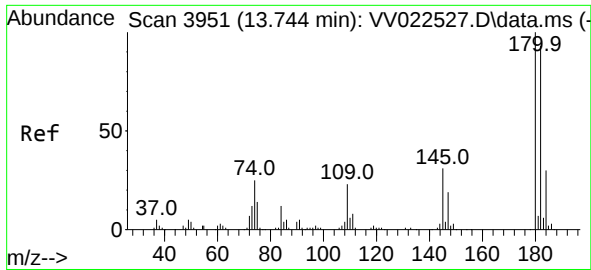
Tgt Ion:180 Resp: 166997
Ion Ratio Lower Upper
180 100
182 96.6 75.5 113.3
145 30.2 23.0 34.4



#71
Naphthalene
Concen: 48.989 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022542.D
Acq: 03 Oct 2021 04:22

Tgt Ion:128 Resp: 565677
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 47.054 ug/L
 RT: 13.747 min Scan# 3952
 Delta R.T. 0.003 min
 Lab File: VV022542.D
 Acq: 03 Oct 2021 04:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion:180 Resp: 170544
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.1 114.1
 145 33.0 24.6 36.8

