

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023104.D
 Acq On : 29 Oct 2021 14:47
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 30 00:29:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249454	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	122139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75045	43.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.300%
7) Chloroethane-d5	1.564	69	61549	45.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.105	63	110509	33.934	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.860%
21) 2-Butanone-d5	3.876	46	141706	110.019	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.020%
24) Chloroform-d	4.349	84	168299	46.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	5.030	65	110106	51.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.920%
32) Benzene-d6	5.050	84	327189	48.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	6.069	67	107355	50.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.380%
41) Toluene-d8	7.317	98	296127	48.301	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.622	79	49442	48.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.440%
47) 2-Hexanone-d5	8.088	63	99559	107.154	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.150%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	155571	49.758	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.520%
66) 1,2-Dichlorobenzene-d4	11.625	152	122617	52.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	5533	2.333	ug/L	98
3) Chloromethane	1.240	50	4989	2.231	ug/L	90
5) Vinyl chloride	1.307	62	5246	2.347	ug/L #	73
6) Bromomethane	1.519	94	3023	2.408	ug/L	94
8) Chloroethane	1.584	64	2864	2.105	ug/L	91
9) Trichlorofluoromethane	1.751	101	7460	2.199	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	4892	2.717	ug/L	88
12) 1,1-Dichloroethene	2.117	96	4665	2.792	ug/L #	1
13) Acetone	2.169	43	6365	4.986	ug/L #	73
14) Carbon disulfide	2.294	76	11552	2.312	ug/L	99
15) Methyl Acetate	2.436	43	5229	2.468	ug/L	96
16) Methylene chloride	2.506	84	5671	2.649	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	4679	2.454	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	12893	2.251	ug/L	96
19) 1,1-Dichloroethane	3.191	63	8088	2.276	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	4774	2.342	ug/L	91
23) Bromochloromethane	4.252	128	1222	1.064	ug/L	91
25) Chloroform	4.375	83	9697	2.654	ug/L	91
29) Cyclohexane	4.677	56	5931	2.071	ug/L #	65

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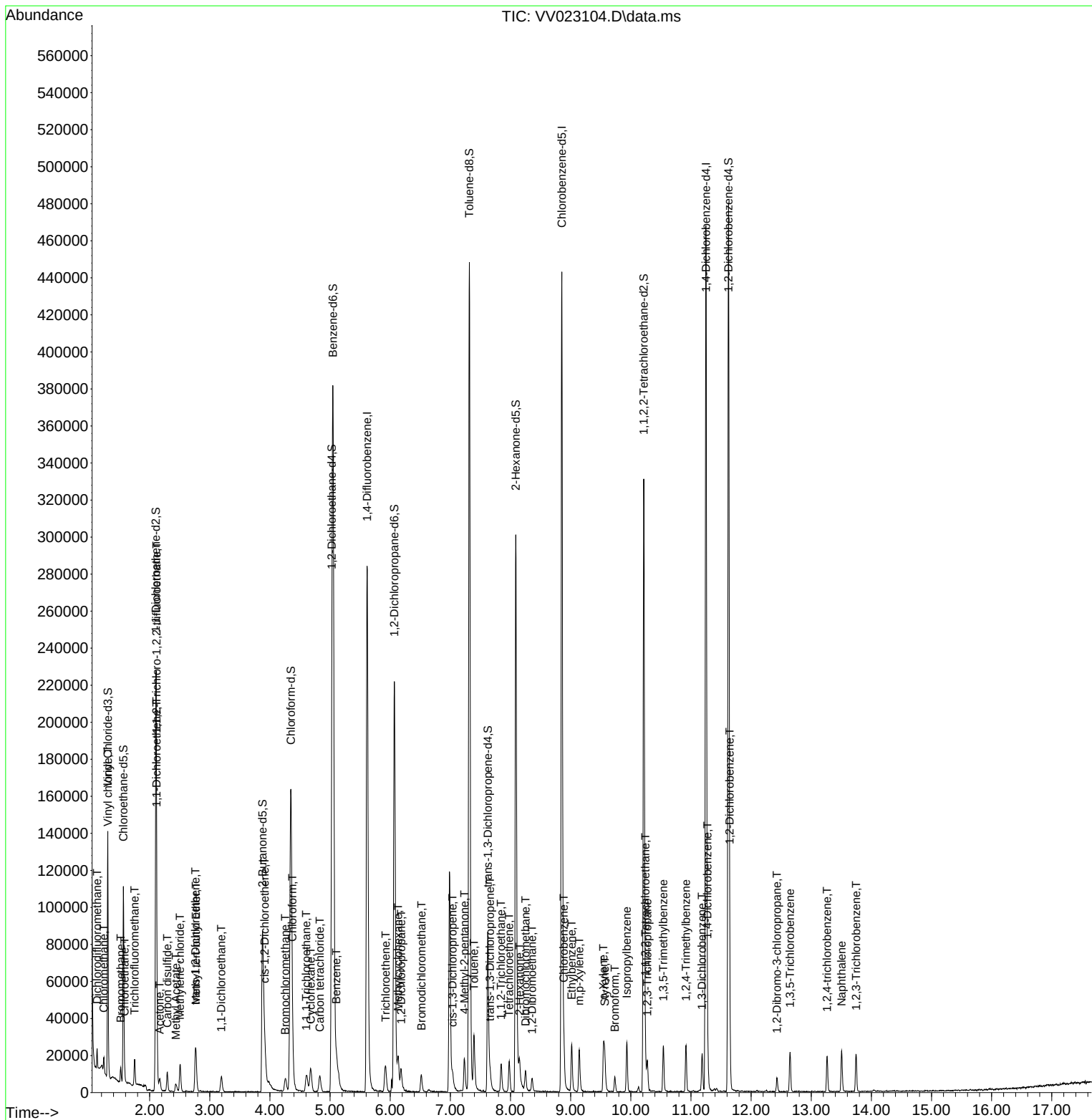
Quant Time: Oct 30 00:29:04 2021
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 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
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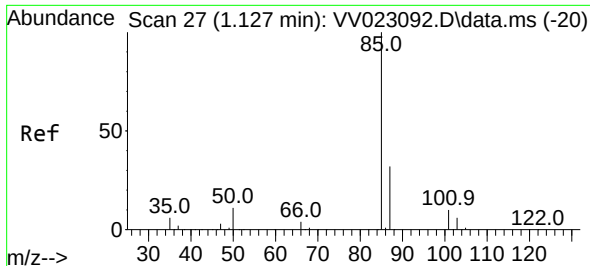
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

30) 1,1,1-Trichloroethane	4.606	97	7968	2.438	ug/L #	88
31) Carbon tetrachloride	4.828	117	6522	2.220	ug/L #	2
33) Benzene	5.101	78	17352	2.271	ug/L	100
34) Trichloroethene	5.924	95	4538	2.273	ug/L	94
35) Methylcyclohexane	6.130	83	6528	2.098	ug/L #	81
37) 1,2-Dichloropropane	6.182	63	4967	2.473	ug/L #	91
38) Bromodichloromethane	6.519	83	6231	2.292	ug/L	86
39) cis-1,3-Dichloropropene	7.037	75	7214	2.368	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	11815	4.561	ug/L	99
42) Toluene	7.394	91	22889	2.799	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	6877	2.329	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	4499	2.194	ug/L	92
46) Tetrachloroethene	7.979	164	3930	2.283	ug/L	97
48) 2-Hexanone	8.153	43	10120	4.921	ug/L	98
49) Dibromochloromethane	8.249	129	5403	2.306	ug/L	95
50) 1,2-Dibromoethane	8.358	107	5167	2.392	ug/L	97
51) Chlorobenzene	8.886	112	12995	2.352	ug/L	97
52) Ethylbenzene	9.017	91	17908	2.058	ug/L	98
53) m,p-Xylene	9.143	106	6911	2.060	ug/L	95
54) o-Xylene	9.545	106	6383	1.955	ug/L	97
55) Styrene	9.567	104	10313	1.817	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	8395	2.567	ug/L	99
59) Bromoform	9.734	173	3694	2.391	ug/L #	98
60) Isopropylbenzene	9.934	105	16075	2.060	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	6198	2.708	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	13589	2.115	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	12398	1.922	ug/L	93
64) 1,3-Dichlorobenzene	11.185	146	9344	2.369	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	10285	2.503	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	10531	2.640	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	1845	2.888	ug/L	89
69) 1,3,5-Trichlorobenzene	12.648	180	6838	2.292	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	5846	2.261	ug/L	99
71) Naphthalene	13.506	128	17472	2.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	6314	2.310	ug/L	99

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

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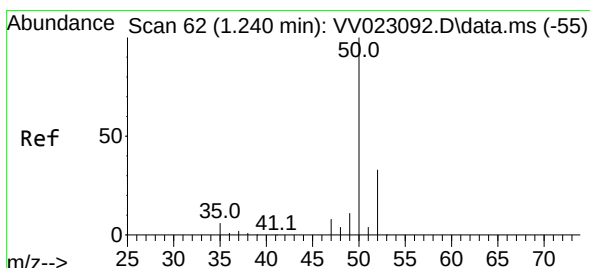
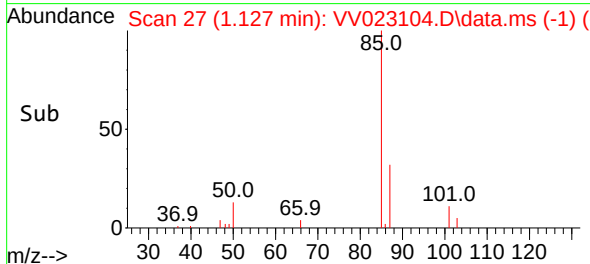
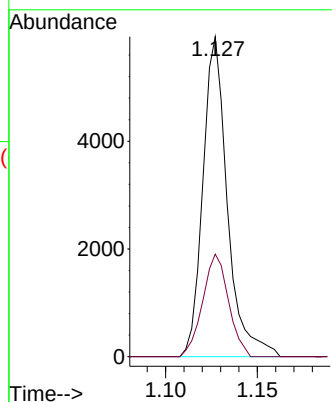
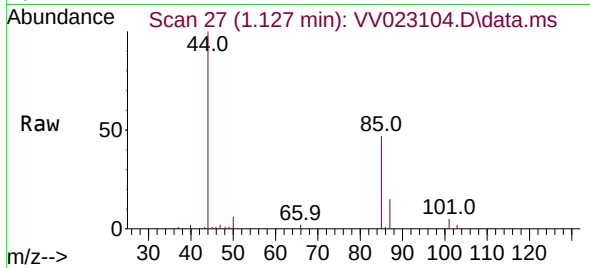




#2
 Dichlorodifluoromethane
 Concen: 2.333 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

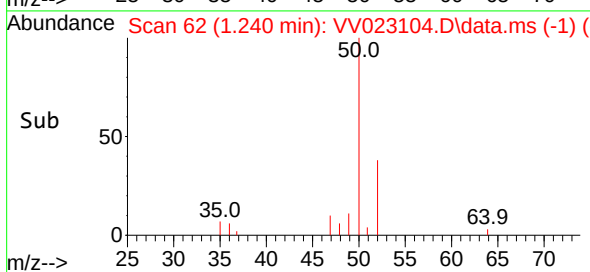
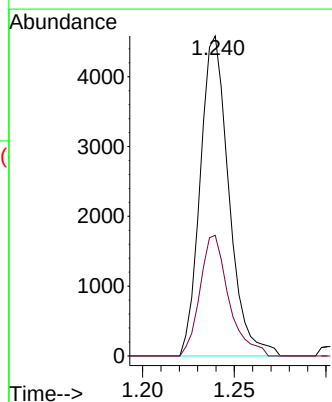
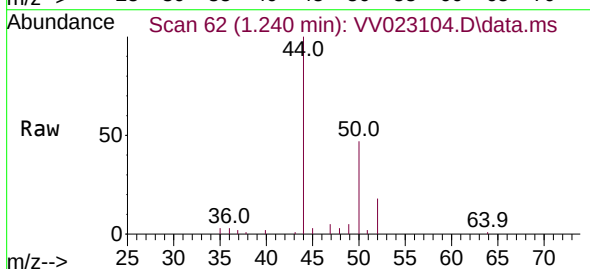
Instrument :
 MSVOA_V
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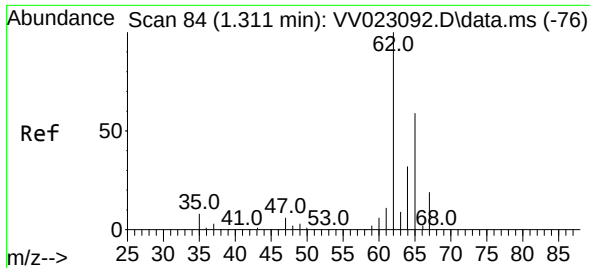
Tgt Ion: 85 Resp: 5533
 Ion Ratio Lower Upper
 85 100
 87 33.7 26.2 39.2



#3
 Chloromethane
 Concen: 2.231 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion: 50 Resp: 4989
 Ion Ratio Lower Upper
 50 100
 52 37.7 22.5 41.9

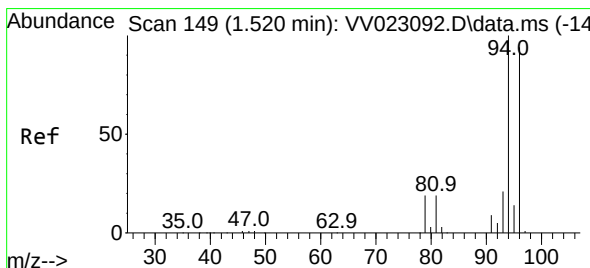
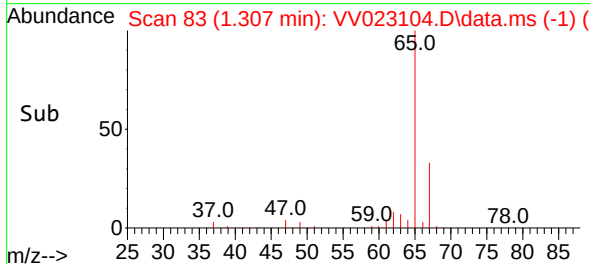
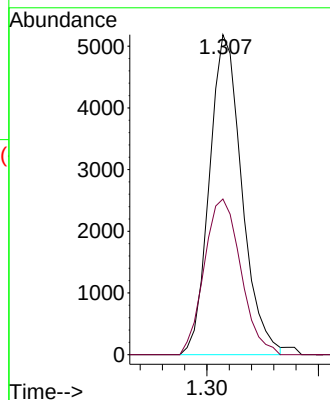
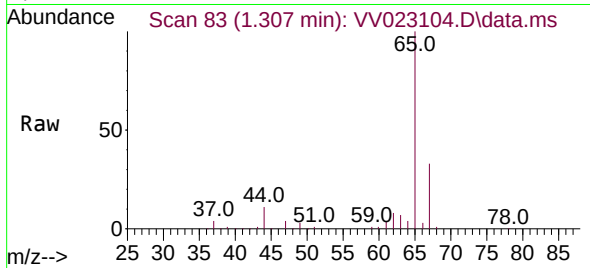




#5
 Vinyl chloride
 Concen: 2.347 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

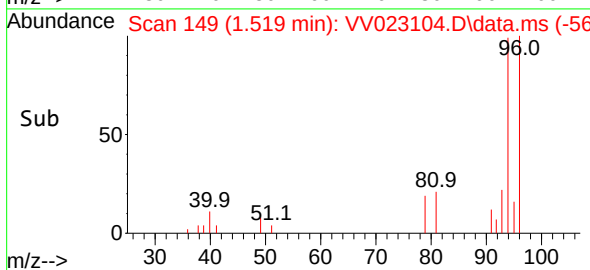
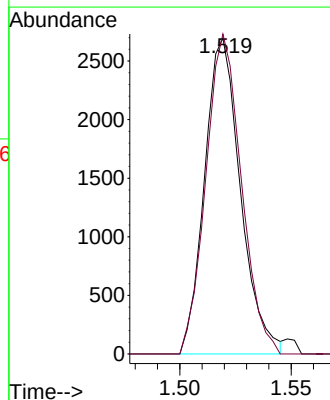
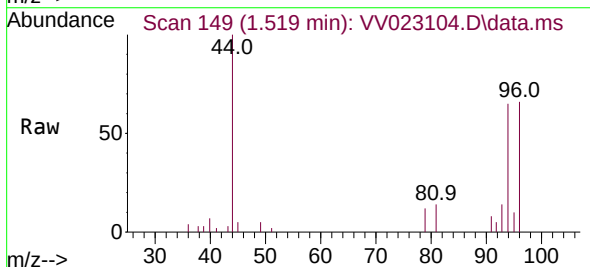
Instrument :
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 ClientSampled :

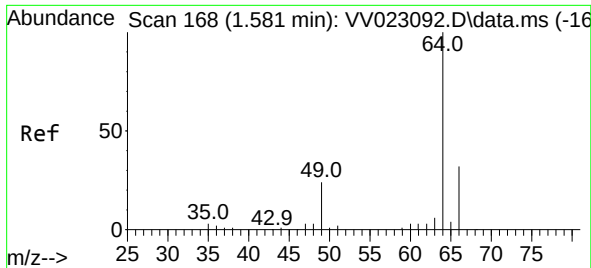
Tgt Ion: 62 Resp: 5246
 Ion Ratio Lower Upper
 62 100
 64 48.6 23.4 43.4#



#6
 Bromomethane
 Concen: 2.408 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion: 94 Resp: 3023
 Ion Ratio Lower Upper
 94 100
 96 101.3 66.8 124.2

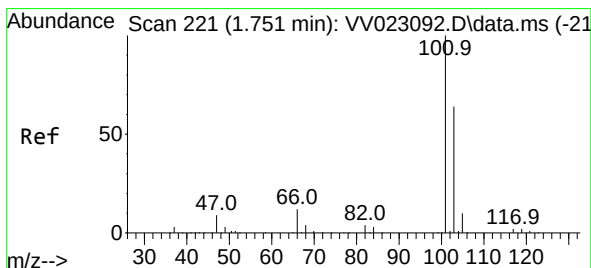
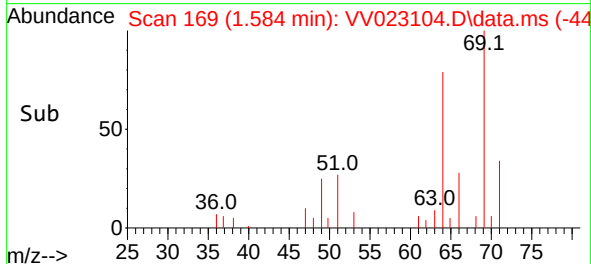
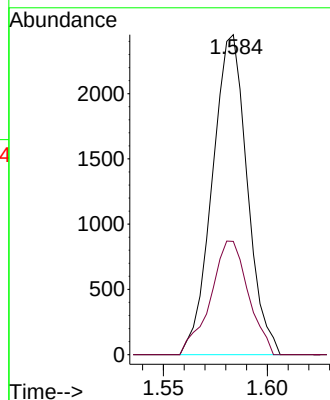
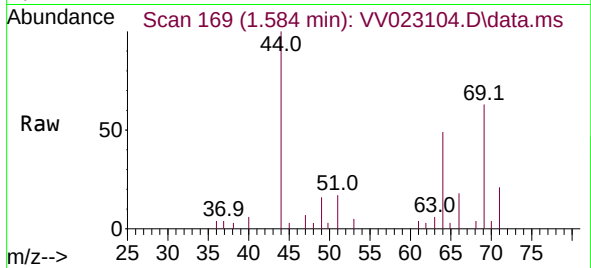




#8
Chloroethane
Concen: 2.105 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

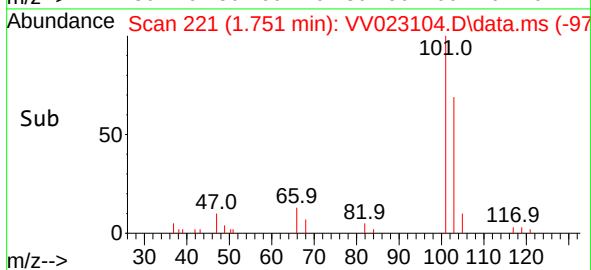
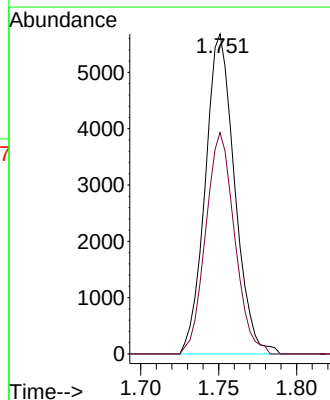
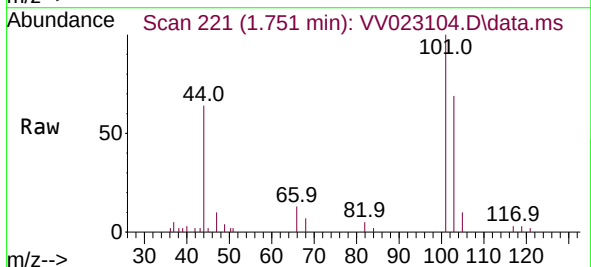
Instrument :
MSVOA_V
ClientSampled :

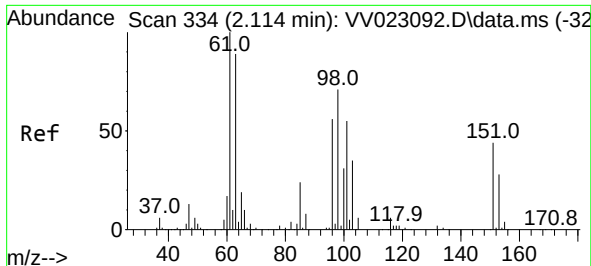
Tgt Ion: 64 Resp: 2864
Ion Ratio Lower Upper
64 100
66 35.4 21.3 39.6



#9
Trichlorofluoromethane
Concen: 2.199 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion:101 Resp: 7460
Ion Ratio Lower Upper
101 100
103 67.9 52.2 78.2

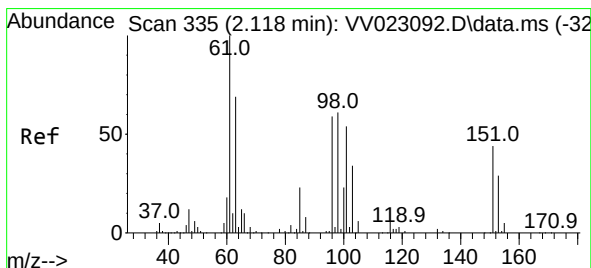
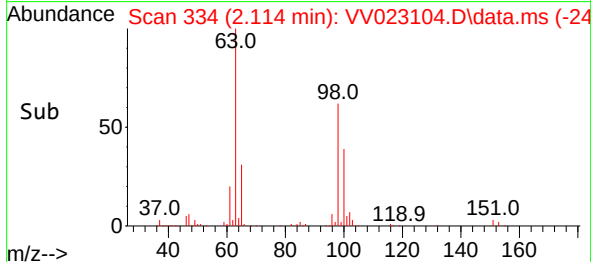
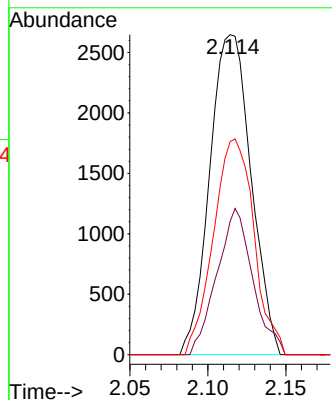
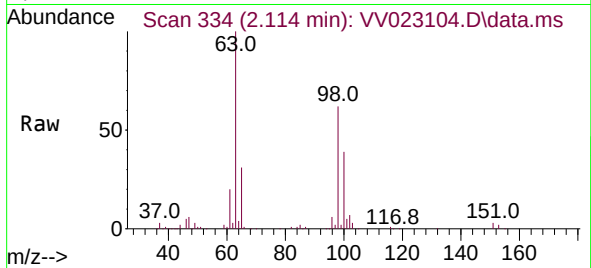




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.717 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

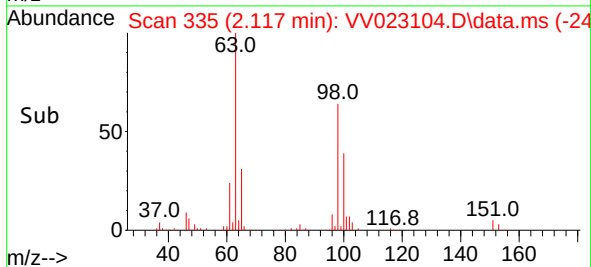
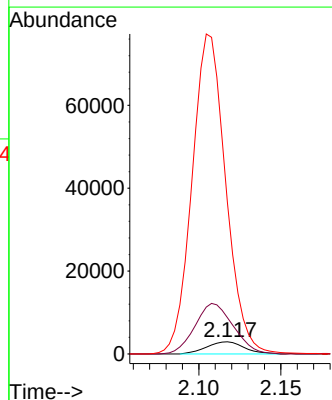
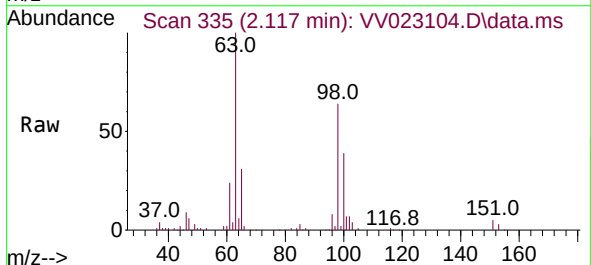
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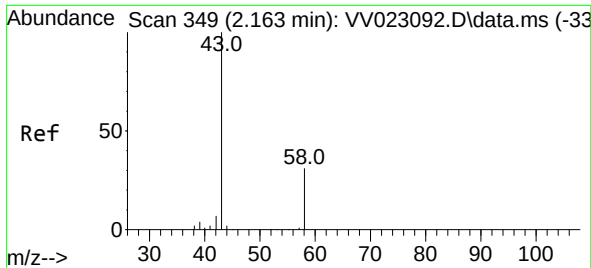
Tgt Ion:101 Resp: 4892
 Ion Ratio Lower Upper
 101 100
 85 39.6 35.1 52.7
 151 66.0 63.4 95.2



#12
 1,1-Dichloroethene
 Concen: 2.792 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion: 96 Resp: 4665
 Ion Ratio Lower Upper
 96 100
 61 300.3 117.7 218.7#
 63 1252.5 79.2 147.2#

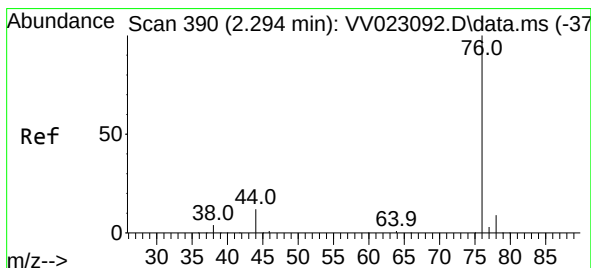
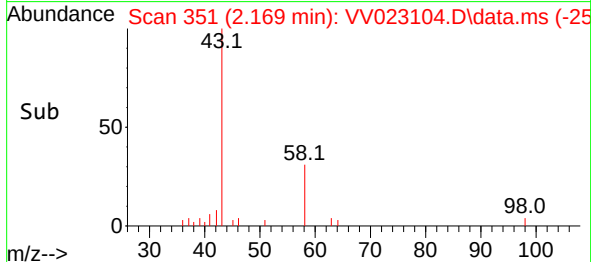
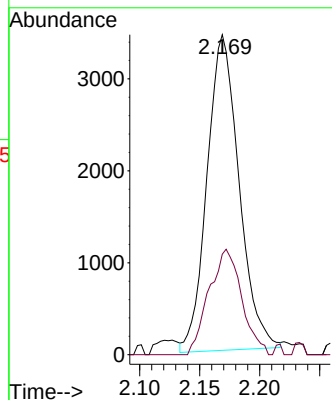
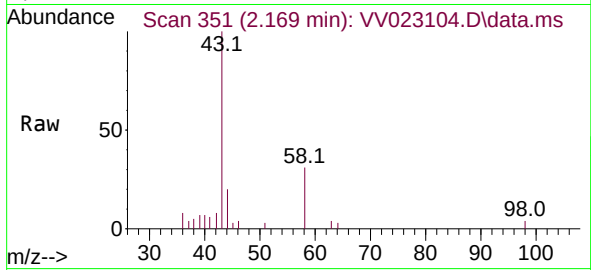




#13
Acetone
Concen: 4.986 ug/L
RT: 2.169 min Scan# 351
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

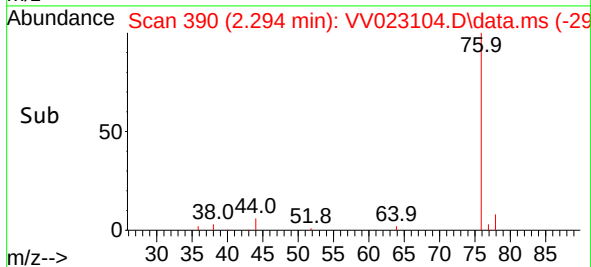
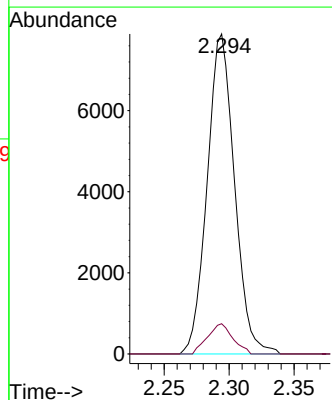
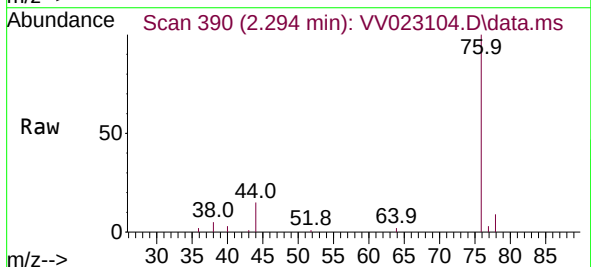
Instrument :
MSVOA_V
ClientSampled :

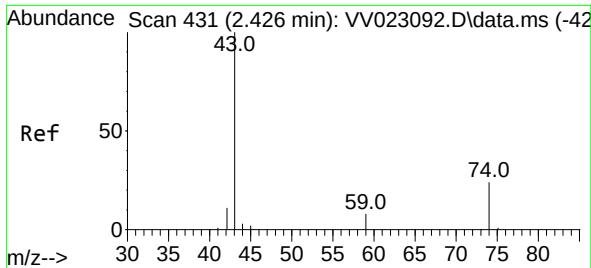
Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
58 34.2 0.0 0.4#



#14
Carbon disulfide
Concen: 2.312 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 76 Resp: 11552
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

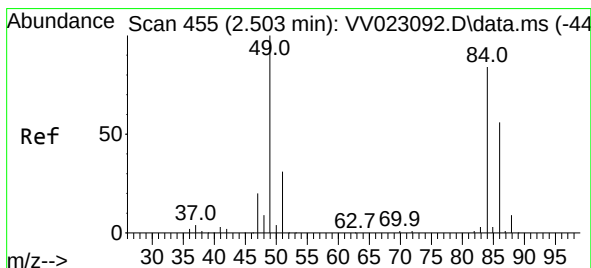
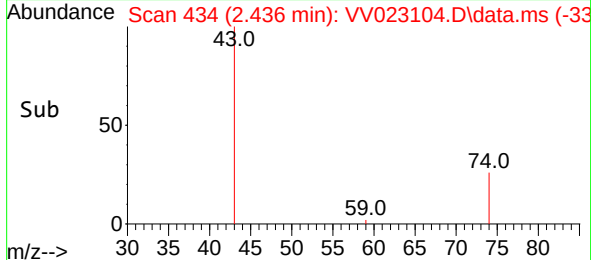
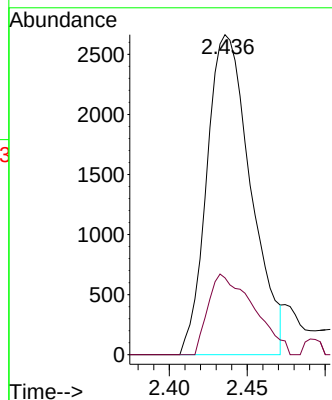
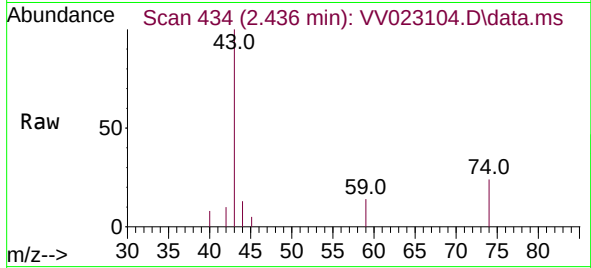




#15
Methyl Acetate
Concen: 2.468 ug/L
RT: 2.436 min Scan# 434
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

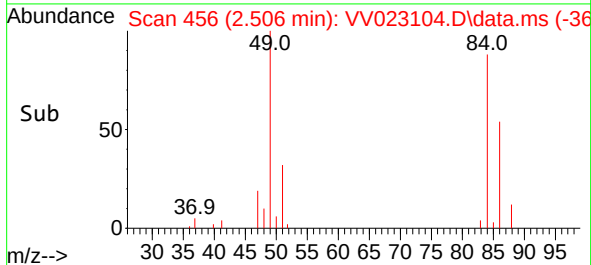
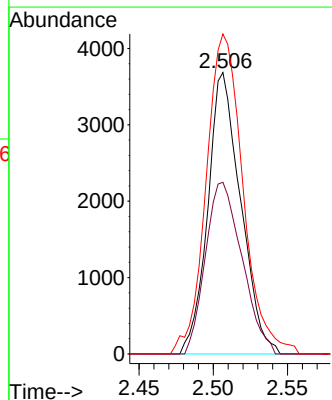
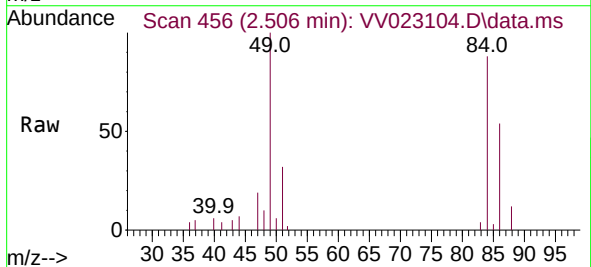
Instrument :
MSVOA_V
ClientSampled :

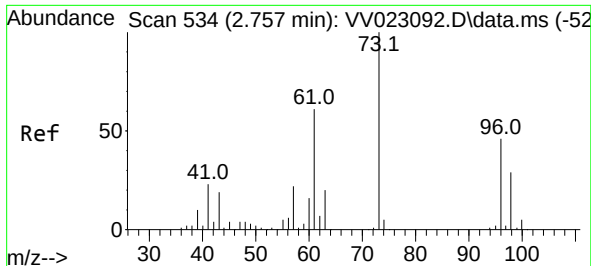
Tgt Ion: 43 Resp: 5229
Ion Ratio Lower Upper
43 100
74 26.1 19.4 29.2



#16
Methylene chloride
Concen: 2.649 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 84 Resp: 5671
Ion Ratio Lower Upper
84 100
86 61.0 45.4 84.2
49 113.7 83.0 154.1

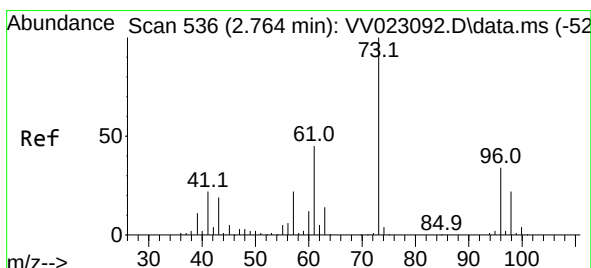
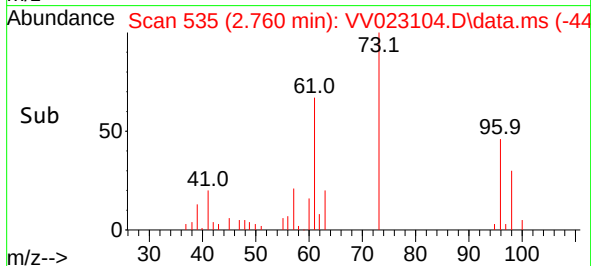
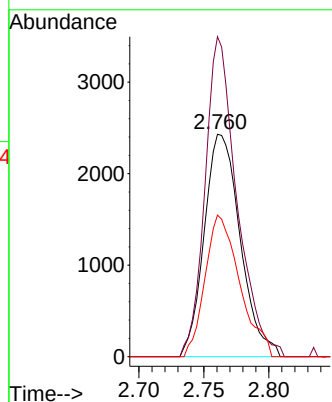
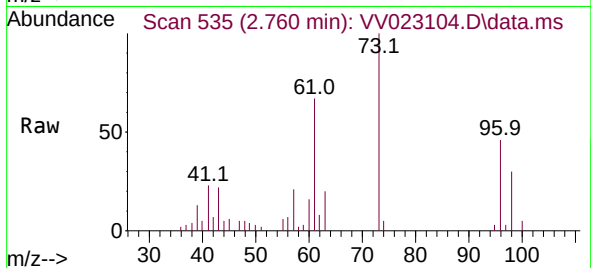




#17
trans-1,2-Dichloroethene
Concen: 2.454 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

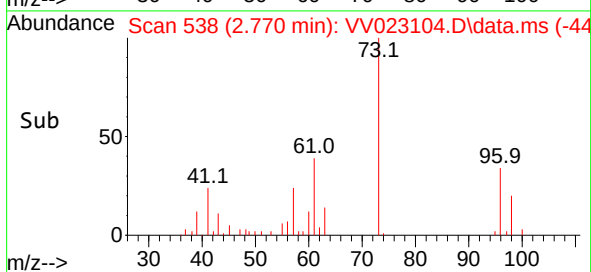
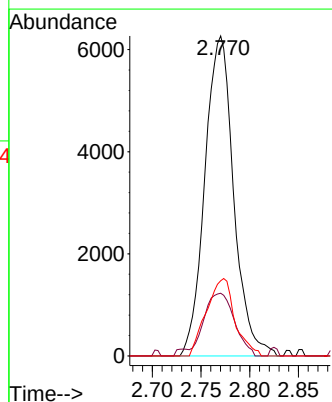
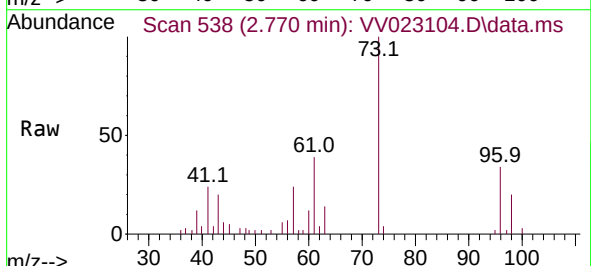
Instrument :
MSVOA_V
ClientSampled :

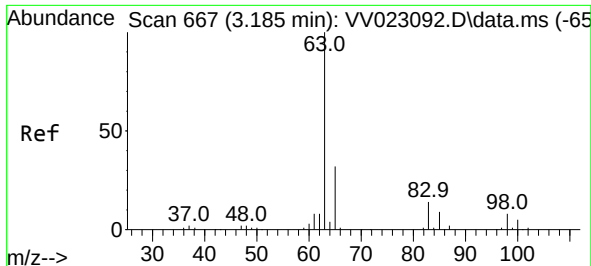
Tgt Ion: 96 Resp: 4679
Ion Ratio Lower Upper
96 100
61 143.9 92.2 171.2
98 63.7 44.1 81.9



#18
Methyl tert-butyl Ether
Concen: 2.251 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 73 Resp: 12893
Ion Ratio Lower Upper
73 100
43 20.6 14.9 22.3
57 23.8 17.6 26.4





#19

1,1-Dichloroethane

Concen: 2.276 ug/L

RT: 3.191 min Scan# 669

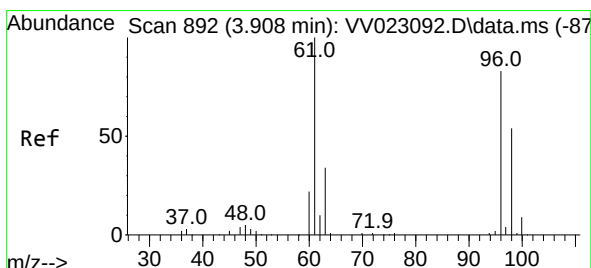
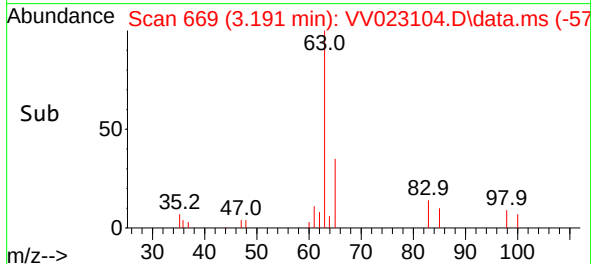
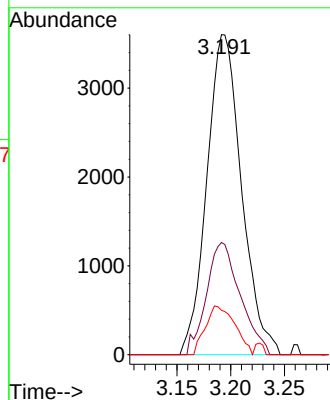
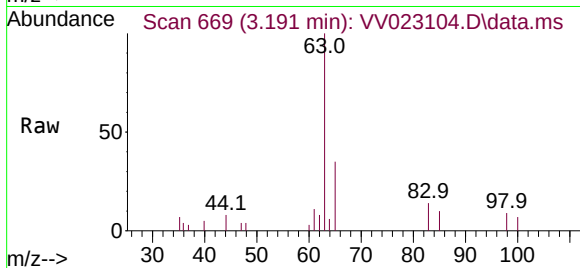
Delta R.T. 0.006 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion: 63 Resp: 8088

Ion	Ratio	Lower	Upper
63	100		
65	35.1	22.3	41.5
83	13.9	9.8	18.2



#20

cis-1,2-Dichloroethene

Concen: 2.342 ug/L

RT: 3.912 min Scan# 893

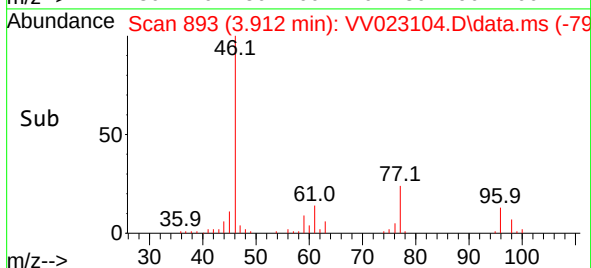
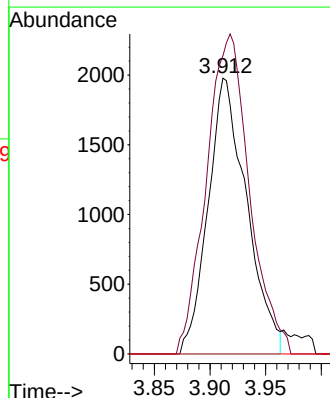
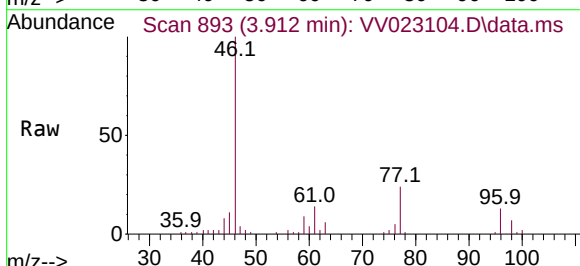
Delta R.T. 0.003 min

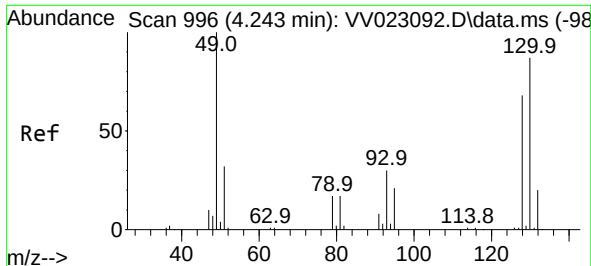
Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion: 96 Resp: 4774

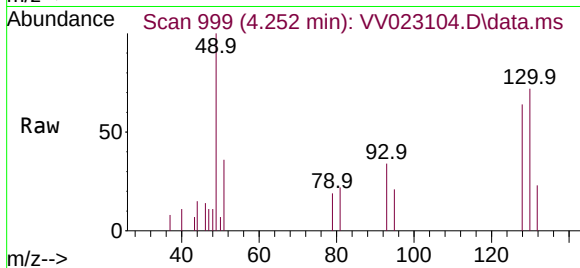
Ion	Ratio	Lower	Upper
96	100		
61	108.1	83.0	154.1
68	0.0	0.0	0.0



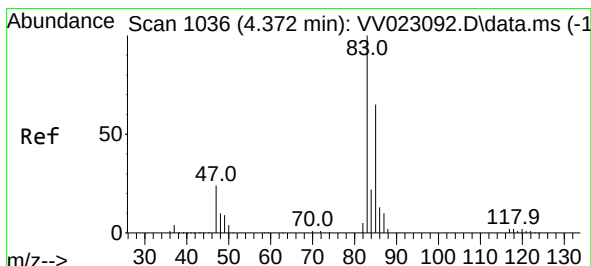
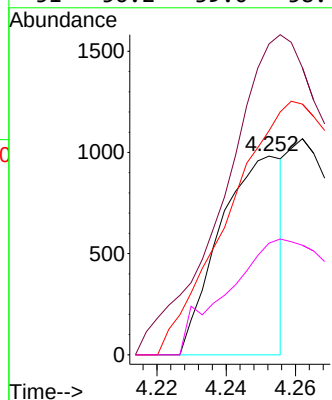
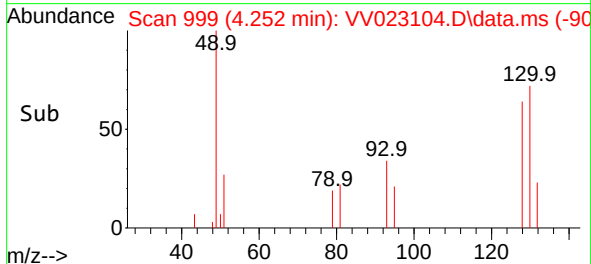


#23
Bromochloromethane
Concen: 1.064 ug/L
RT: 4.252 min Scan# 999
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

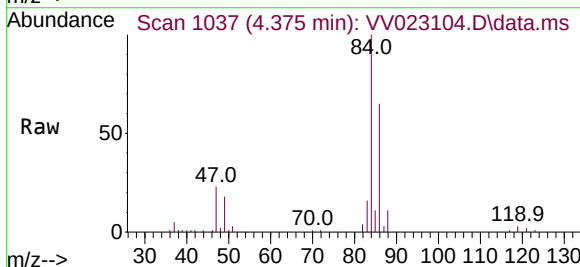
Instrument :
MSVOA_V
ClientSampled :



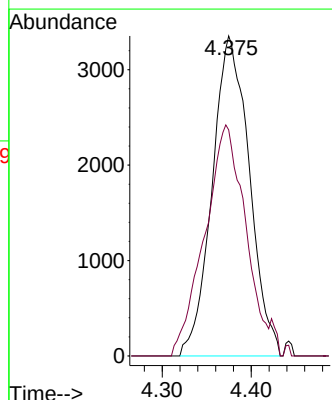
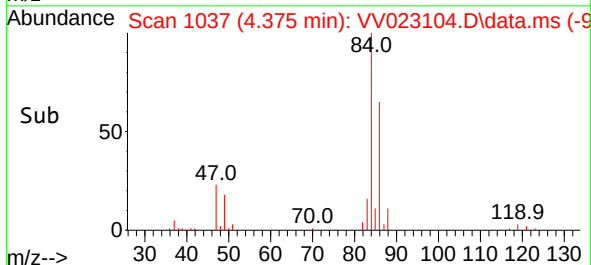
Tgt Ion:128 Resp: 1222
Ion Ratio Lower Upper
128 100
49 156.4 104.7 194.4
130 112.7 89.7 166.7
51 56.2 39.0 58.4

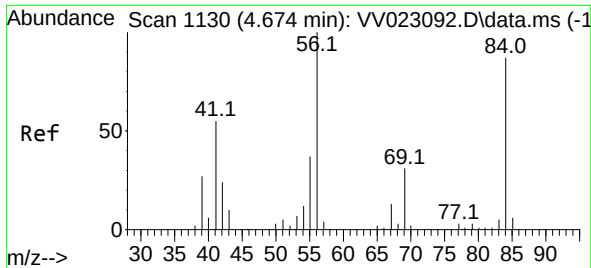


#25
Chloroform
Concen: 2.654 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47



Tgt Ion: 83 Resp: 9697
Ion Ratio Lower Upper
83 100
85 70.7 44.4 82.4





#29

Cyclohexane

Concen: 2.071 ug/L

RT: 4.677 min Scan# 1131

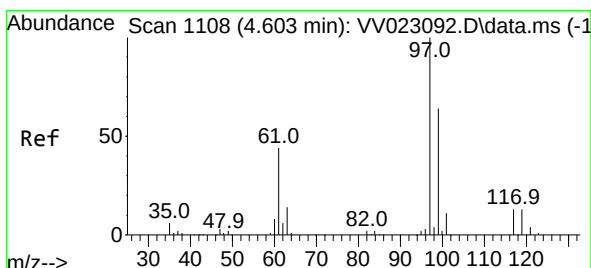
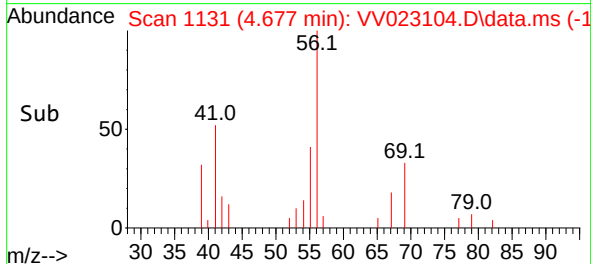
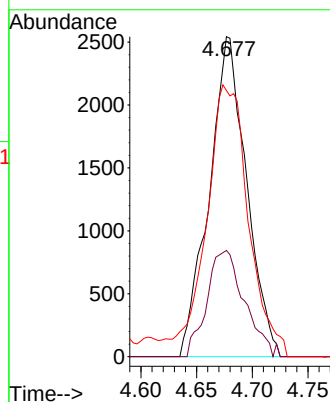
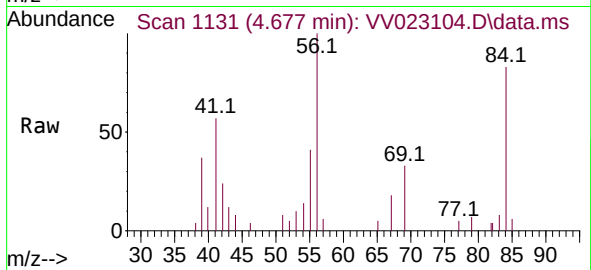
Delta R.T. 0.003 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion:	56	Resp:	5931
Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.6	36.8
84	47.5	72.8	109.2#

Instrument :
MSVOA_V
ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 2.438 ug/L

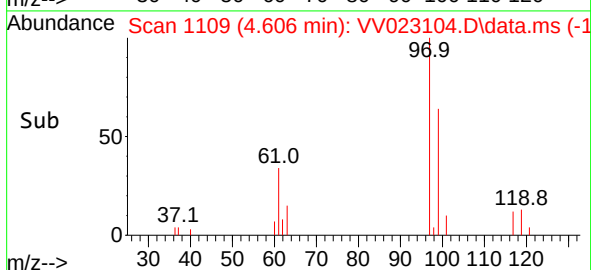
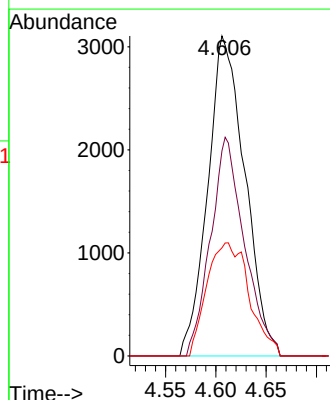
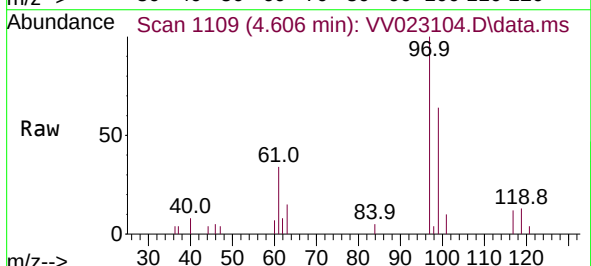
RT: 4.606 min Scan# 1109

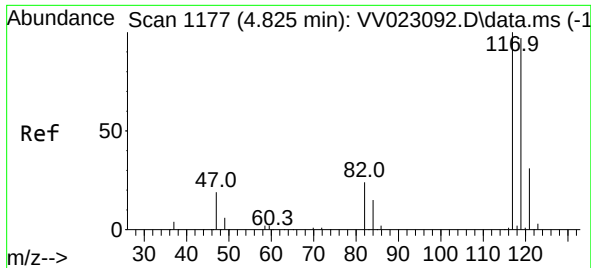
Delta R.T. 0.003 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion:	97	Resp:	7968
Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.9	77.9
61	26.2	33.8	50.6#

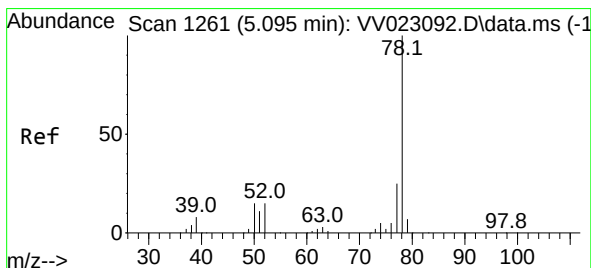
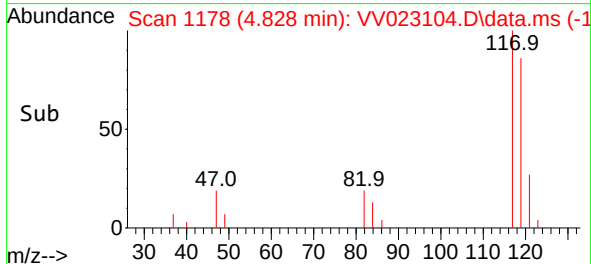
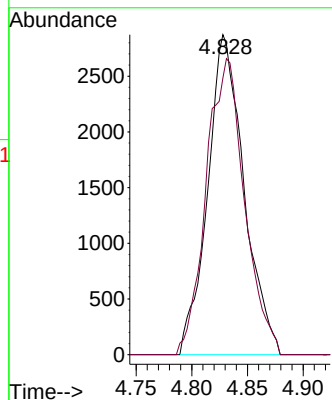
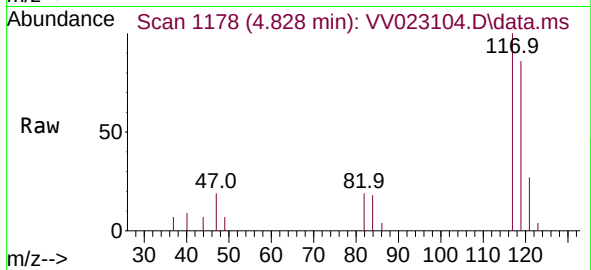




#31
Carbon tetrachloride
Concen: 2.220 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

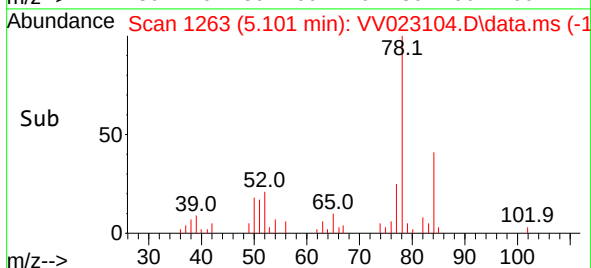
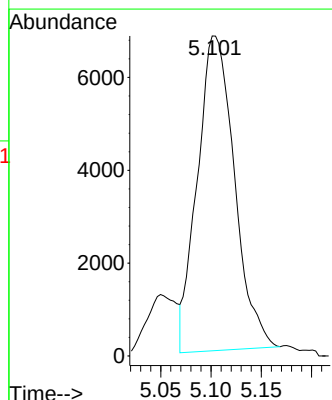
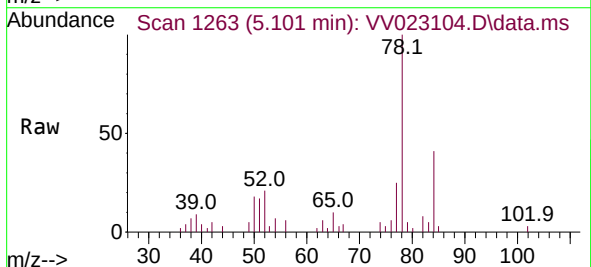
Instrument :
MSVOA_V
ClientSampled :

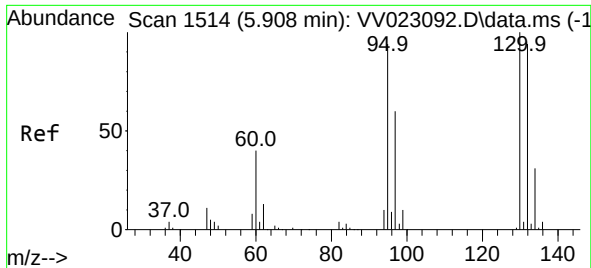
Tgt Ion:117 Resp: 6522
Ion Ratio Lower Upper
117 100
119 0.0 77.0 115.4#



#33
Benzene
Concen: 2.271 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 78 Resp: 17352



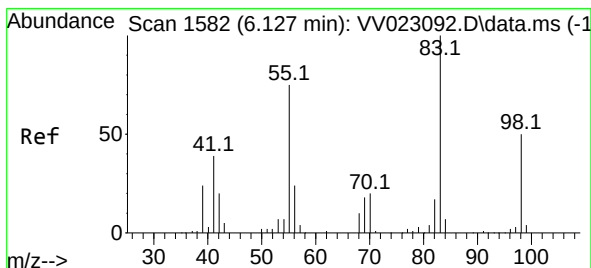
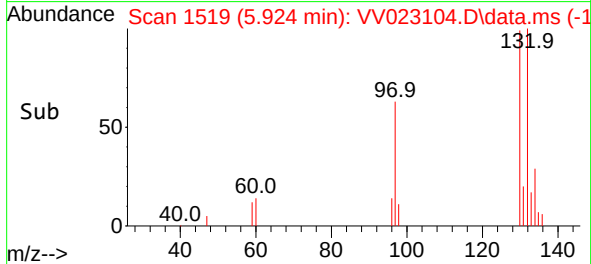
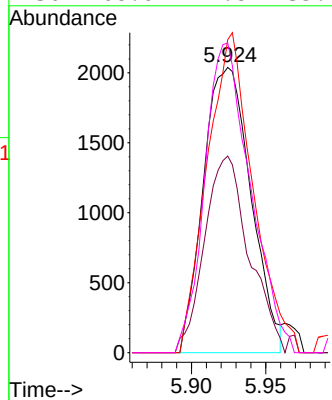
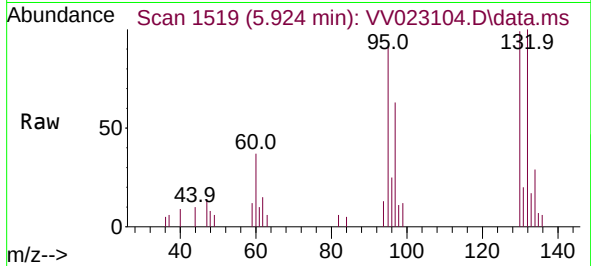


#34
Trichloroethene
Concen: 2.273 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 95 Resp: 4538

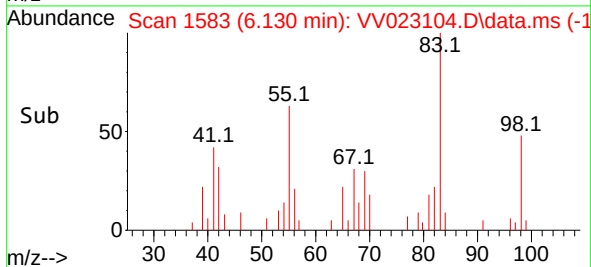
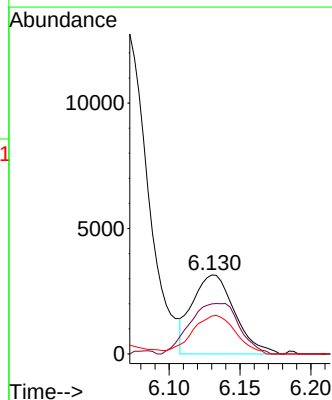
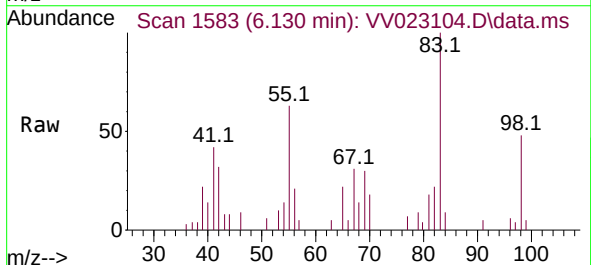
Ion	Ratio	Lower	Upper
95	100		
97	68.9	44.4	82.5
132	109.7	71.5	132.9
130	108.6	72.8	135.2

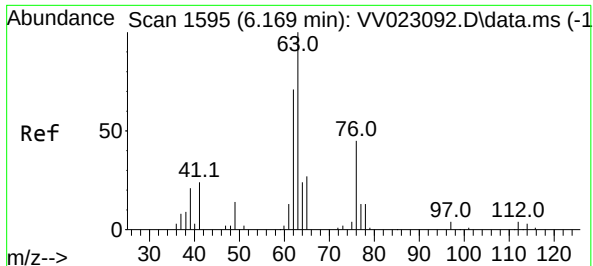


#35
Methylcyclohexane
Concen: 2.098 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 83 Resp: 6528

Ion	Ratio	Lower	Upper
83	100		
55	48.9	60.1	90.1#
98	50.0	41.2	61.8



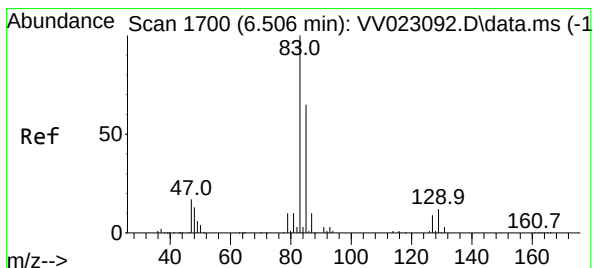
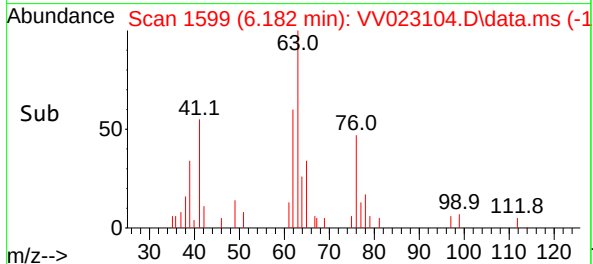
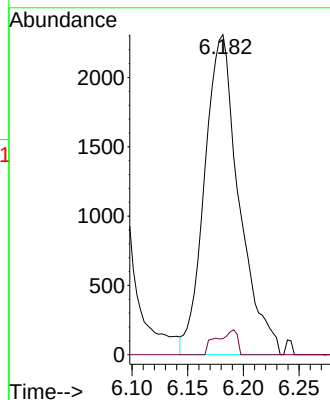
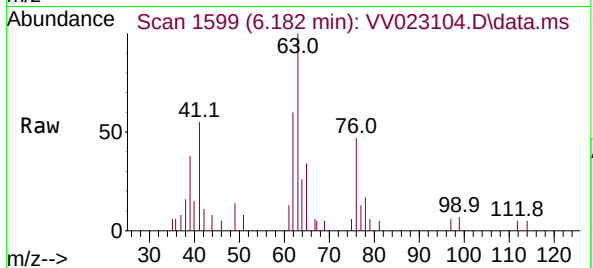


#37

1,2-Dichloropropane
Concen: 2.473 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.013 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Instrument :
MSVOA_V
ClientSampled :

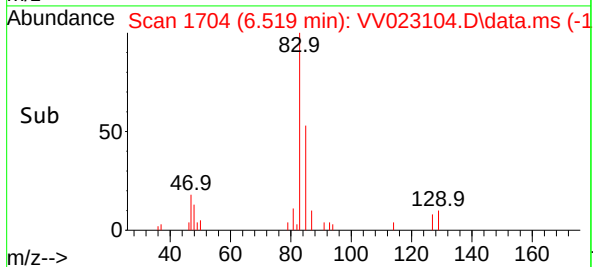
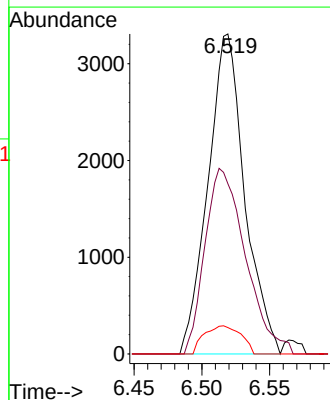
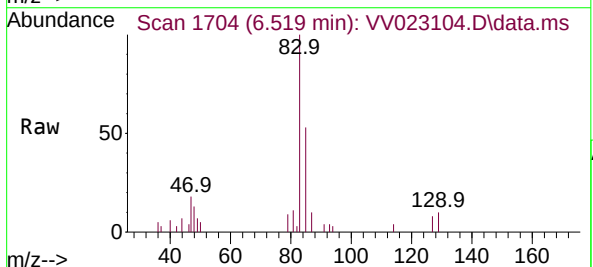
Tgt Ion: 63 Resp: 4967
Ion Ratio Lower Upper
63 100
112 1.8 3.8 5.8#

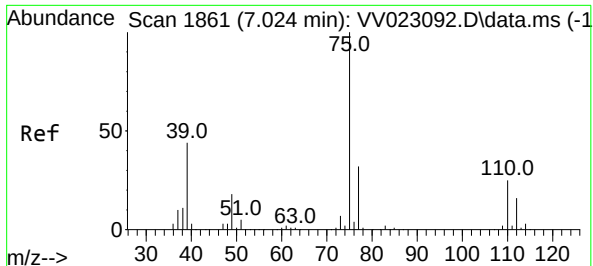


#38

Bromodichloromethane
Concen: 2.292 ug/L
RT: 6.519 min Scan# 1704
Delta R.T. 0.013 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 83 Resp: 6231
Ion Ratio Lower Upper
83 100
85 53.2 46.1 85.5
127 8.3 7.4 11.0

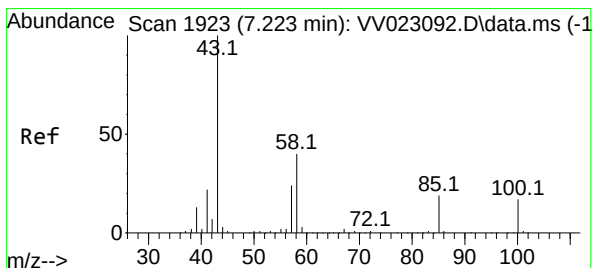
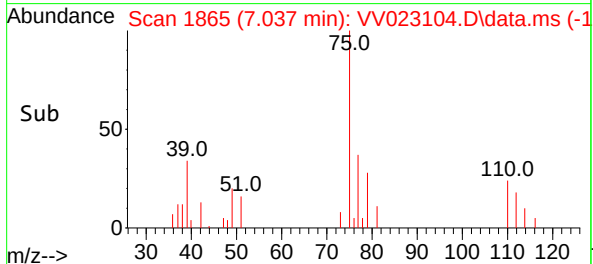
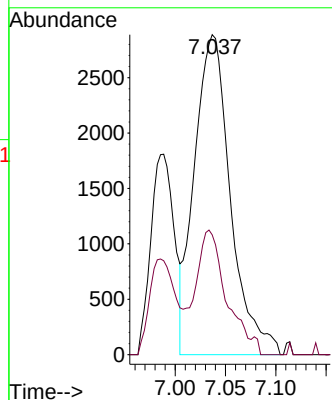
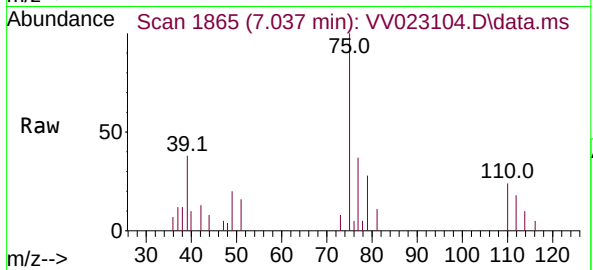




#39
 cis-1,3-Dichloropropene
 Concen: 2.368 ug/L
 RT: 7.037 min Scan# 1865
 Delta R.T. 0.013 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

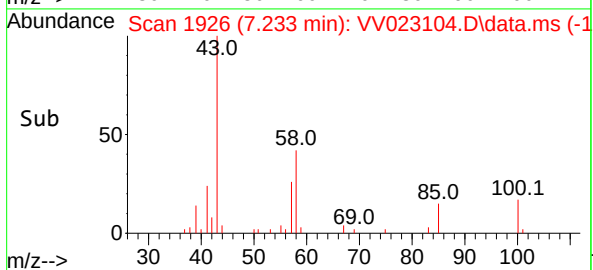
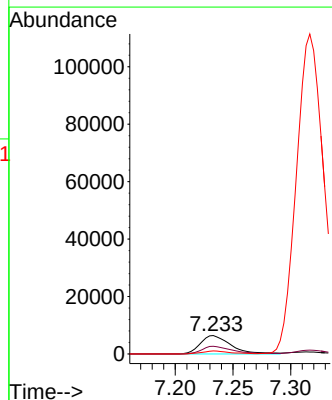
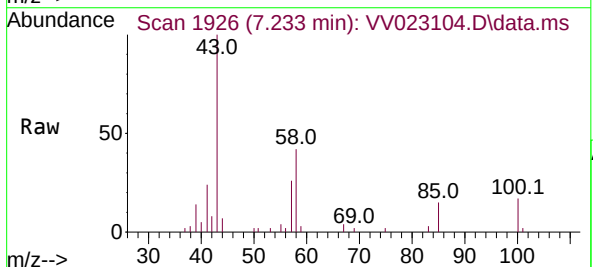
Instrument :
 MSVOA_V
 ClientSampled :

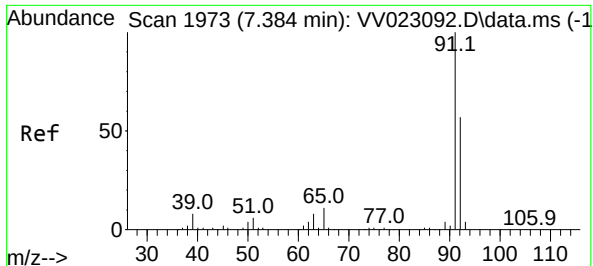
Tgt Ion: 75 Resp: 7214
 Ion Ratio Lower Upper
 75 100
 77 37.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 4.561 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.009 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion: 43 Resp: 11815
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.4 48.6
 100 15.2 13.4 20.2

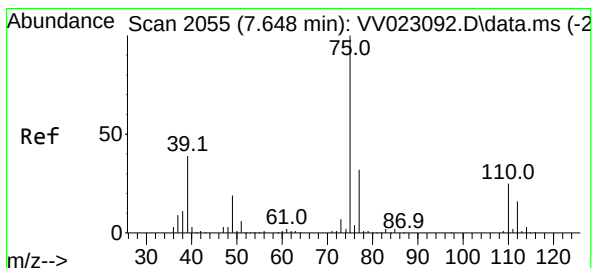
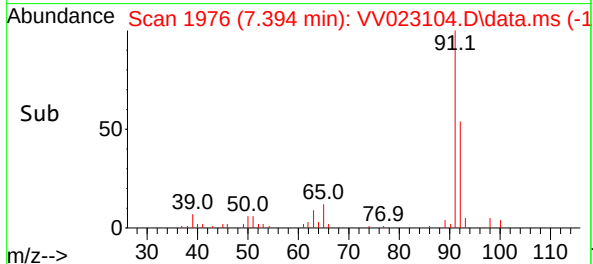
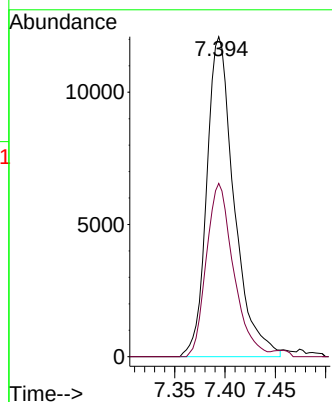
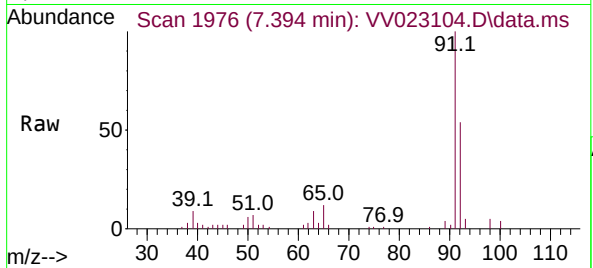




#42
Toluene
Concen: 2.799 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

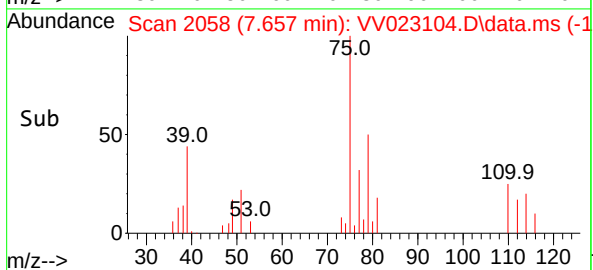
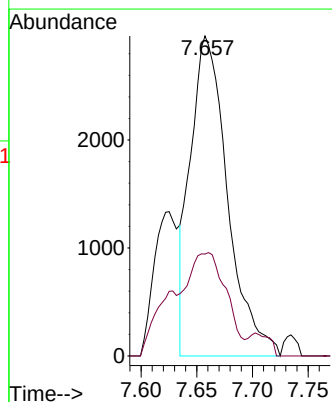
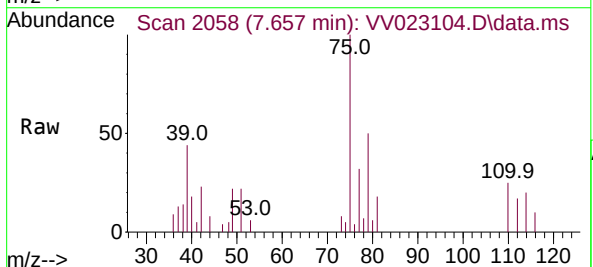
Instrument :
MSVOA_V
ClientSampled :

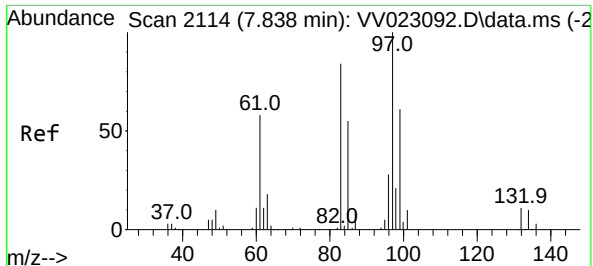
Tgt Ion: 91 Resp: 22889
Ion Ratio Lower Upper
91 100
92 54.1 40.6 75.4



#44
trans-1,3-Dichloropropene
Concen: 2.329 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 75 Resp: 6877
Ion Ratio Lower Upper
75 100
77 31.8 21.4 39.8



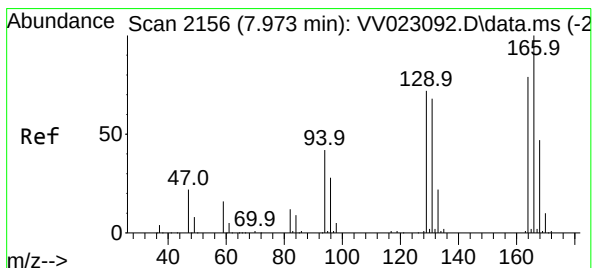
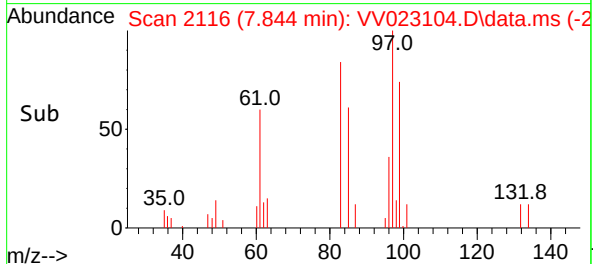
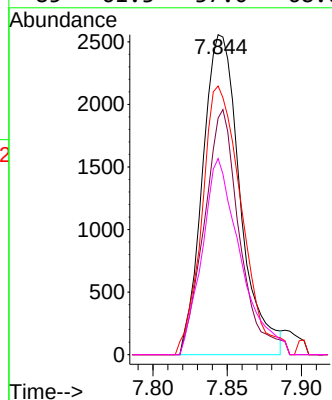
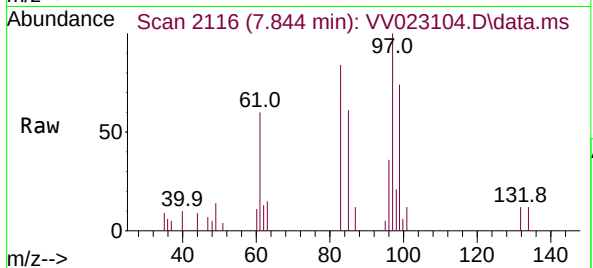


#45

1,1,2-Trichloroethane
Concen: 2.194 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Instrument :
MSVOA_V
ClientSampled :

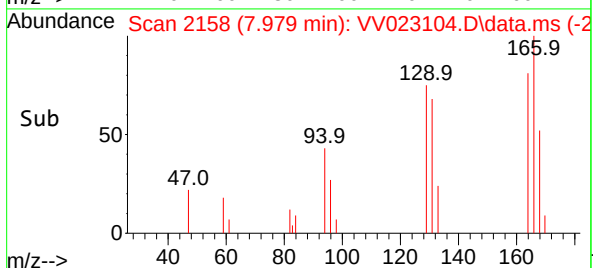
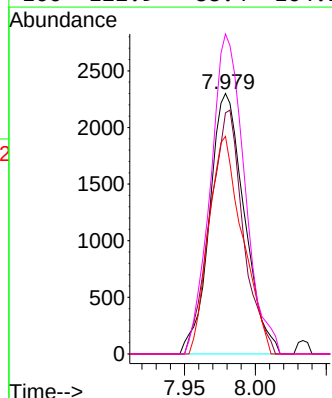
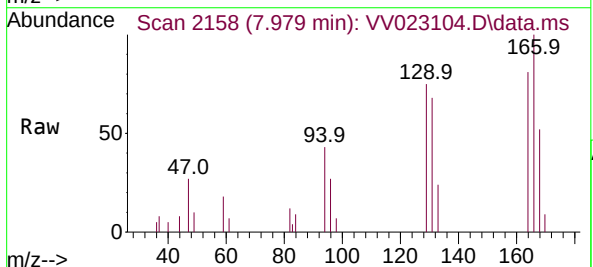
Tgt Ion: 97	Resp: 4499
Ion Ratio	Lower Upper
97 100	
99 74.0	44.2 82.2
83 83.9	57.7 107.1
85 61.3	37.0 68.6

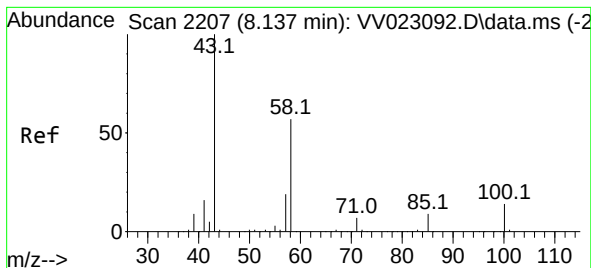


#46

Tetrachloroethene
Concen: 2.283 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion:164	Resp: 3930
Ion Ratio	Lower Upper
164 100	
129 92.6	64.6 120.0
131 83.6	62.9 116.7
166 122.9	88.4 164.2





#48

2-Hexanone

Concen: 4.921 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.016 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion: 43 Resp: 10120

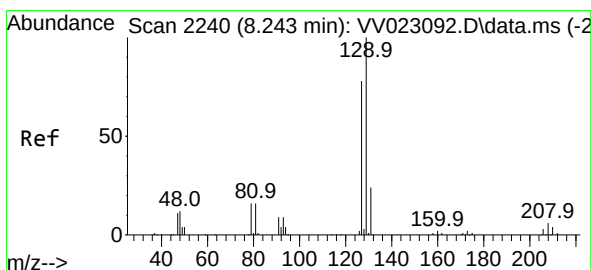
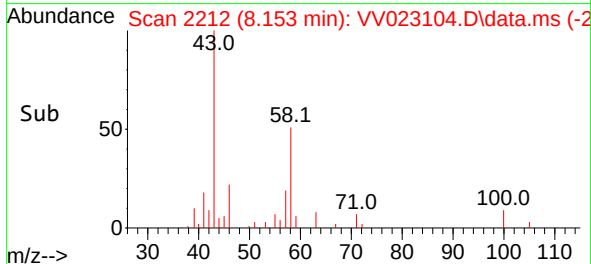
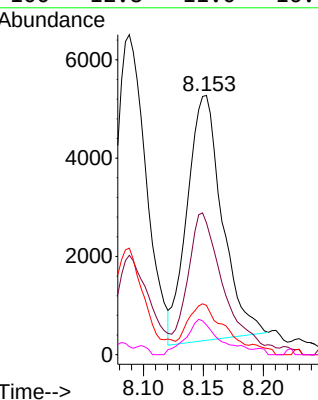
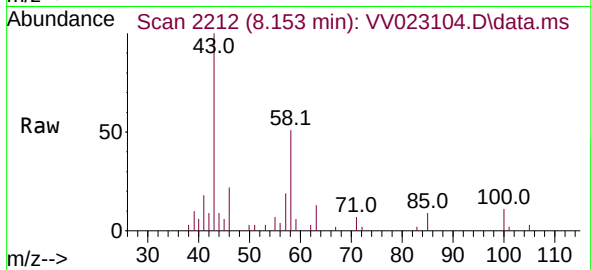
Ion Ratio Lower Upper

43 100

58 56.3 45.6 68.4

57 16.6 15.4 23.0

100 12.8 11.0 16.4



#49

Dibromochloromethane

Concen: 2.306 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. 0.006 min

Lab File: VV023104.D

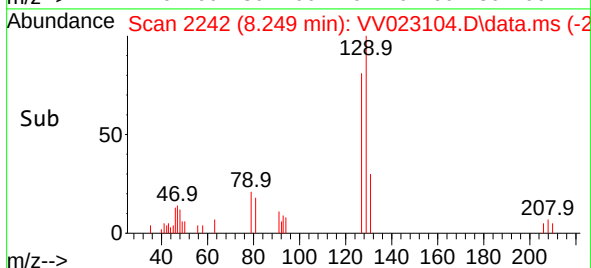
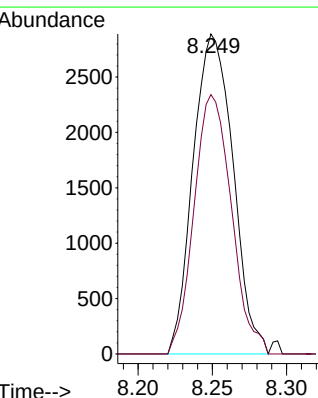
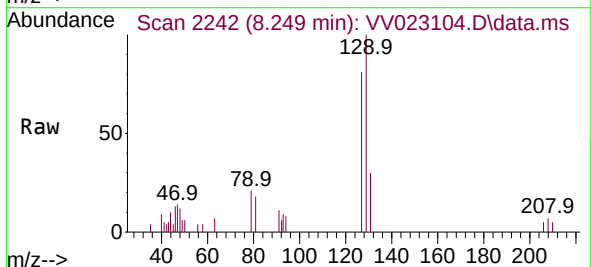
Acq: 29 Oct 2021 14:47

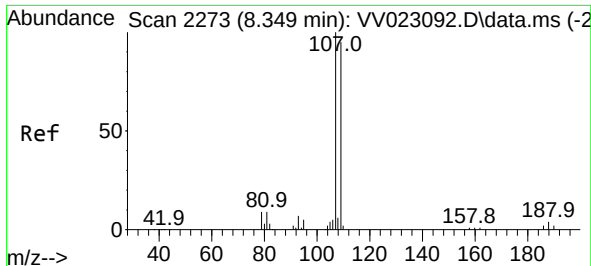
Tgt Ion: 129 Resp: 5403

Ion Ratio Lower Upper

129 100

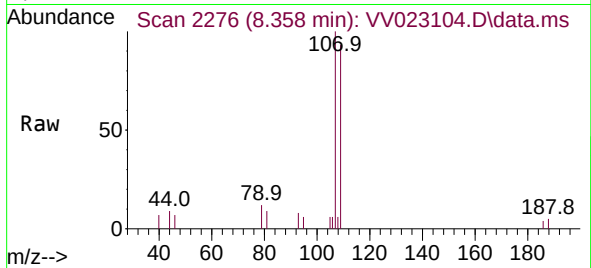
127 81.1 53.9 100.1



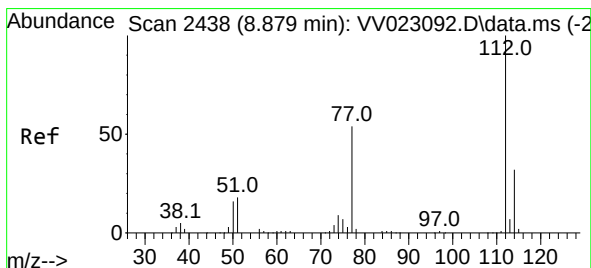
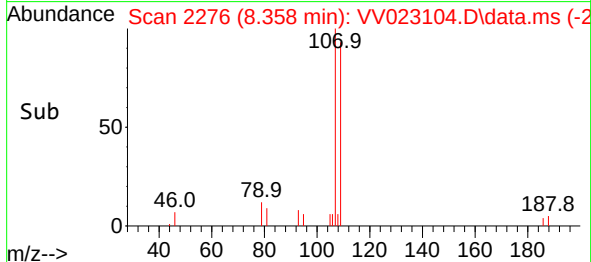
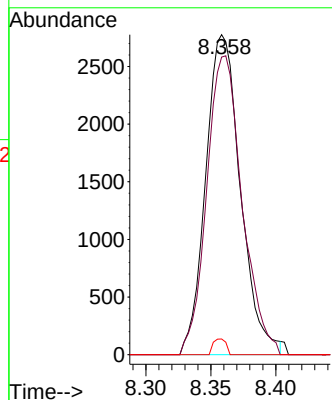


#50
1,2-Dibromoethane
Concen: 2.392 ug/L
RT: 8.358 min Scan# 2276
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Instrument :
MSVOA_V
ClientSampled :

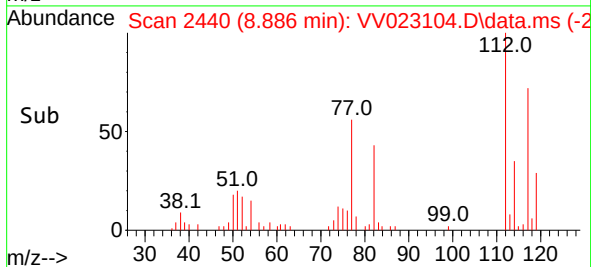
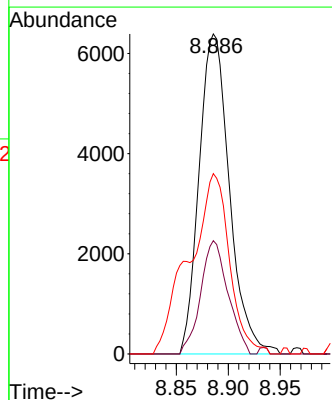
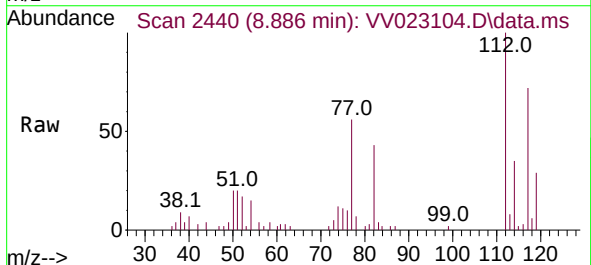


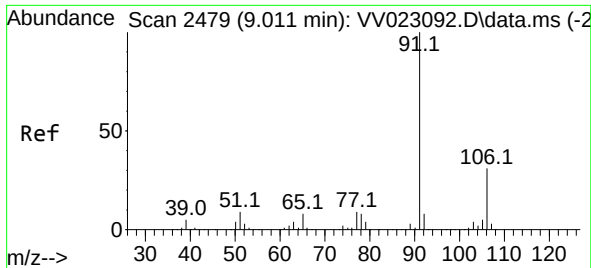
Tgt Ion:	107	Resp:	5167
Ion	Ratio	Lower	Upper
107	100		
109	93.0	67.3	124.9
188	4.9	3.3	4.9



#51
Chlorobenzene
Concen: 2.352 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion:	112	Resp:	12995
Ion	Ratio	Lower	Upper
112	100		
114	35.4	22.2	41.2
77	56.3	44.6	67.0

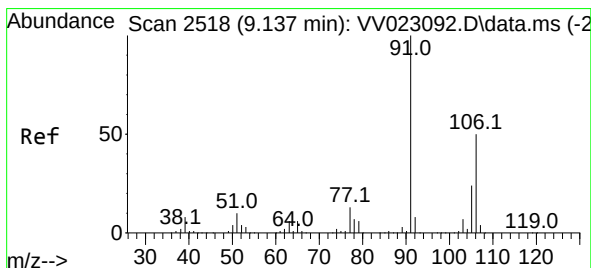
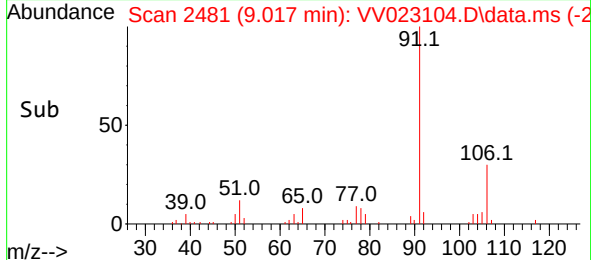
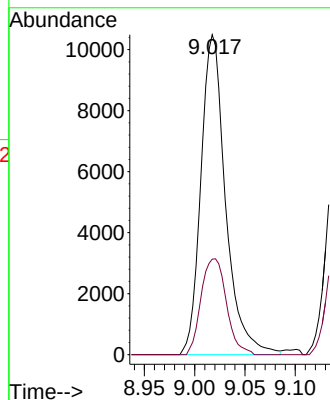
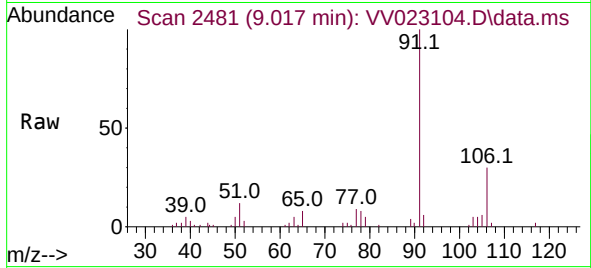




#52
Ethylbenzene
Concen: 2.058 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

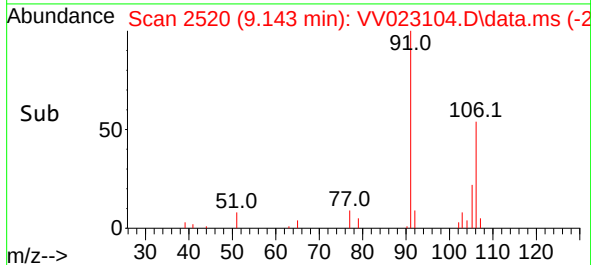
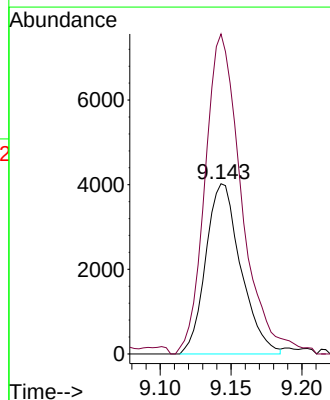
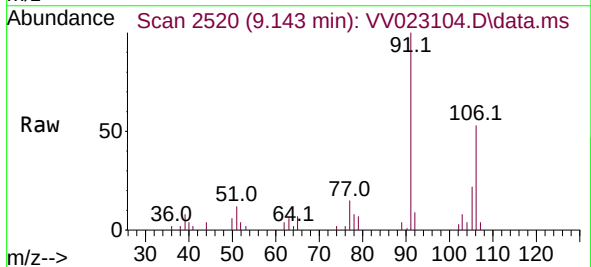
Instrument :
MSVOA_V
ClientSampled :

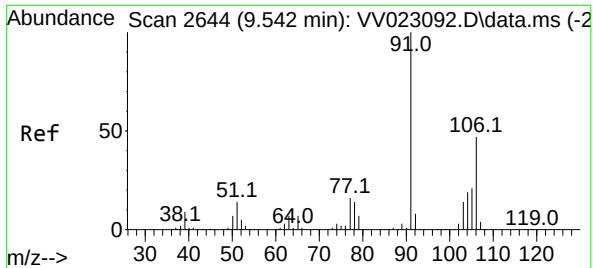
Tgt Ion: 91 Resp: 17908
Ion Ratio Lower Upper
91 100
106 29.8 21.8 40.4



#53
m,p-Xylene
Concen: 2.060 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 106 Resp: 6911
Ion Ratio Lower Upper
106 100
91 188.0 137.3 254.9

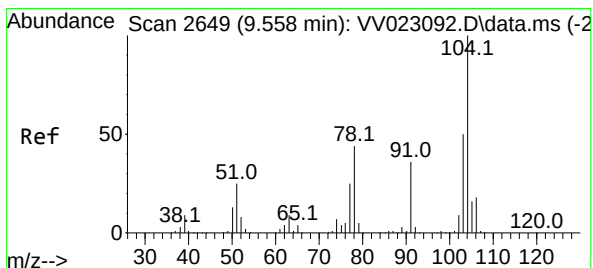
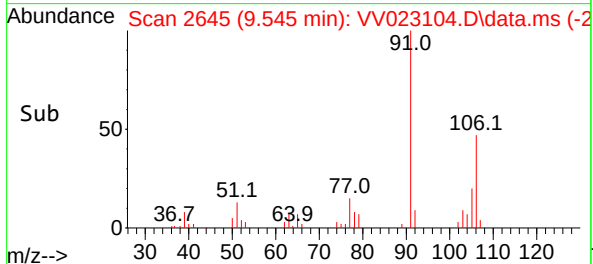
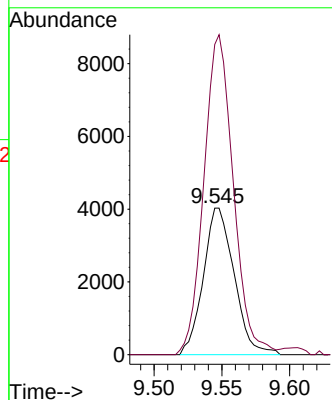
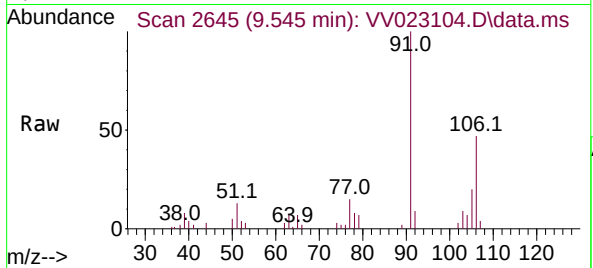




#54
o-Xylene
Concen: 1.955 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

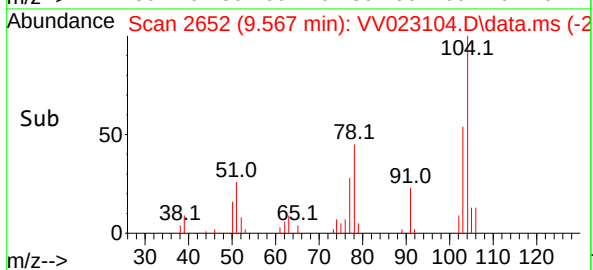
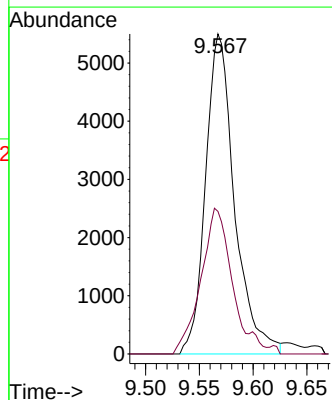
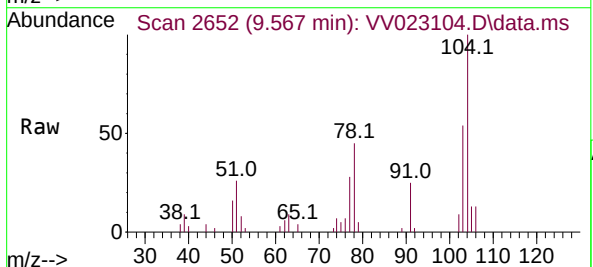
Instrument :
MSVOA_V
ClientSampled :

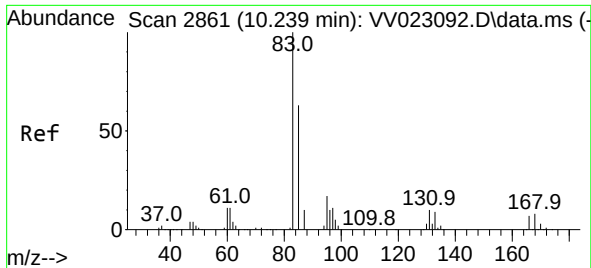
Tgt Ion:106 Resp: 6383
Ion Ratio Lower Upper
106 100
91 211.7 145.0 269.4



#55
Styrene
Concen: 1.817 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.009 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion:104 Resp: 10313
Ion Ratio Lower Upper
104 100
78 44.6 29.8 55.4

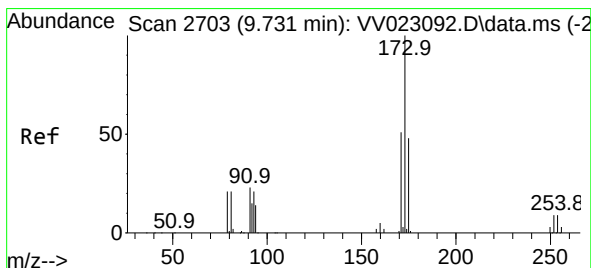
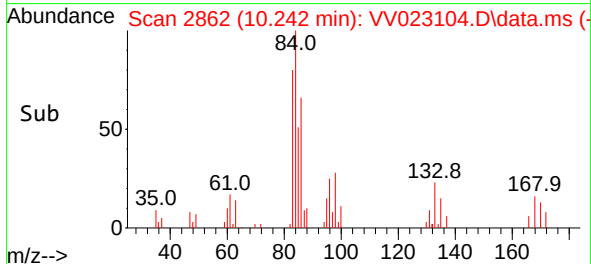
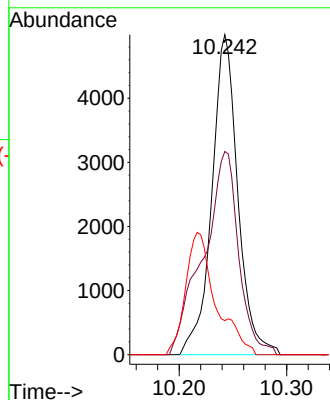
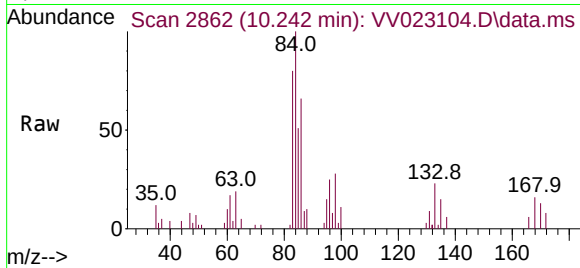




#57
 1,1,2,2-Tetrachloroethane
 Concen: 2.567 ug/L
 RT: 10.242 min Scan# 2862
 Delta R.T. 0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

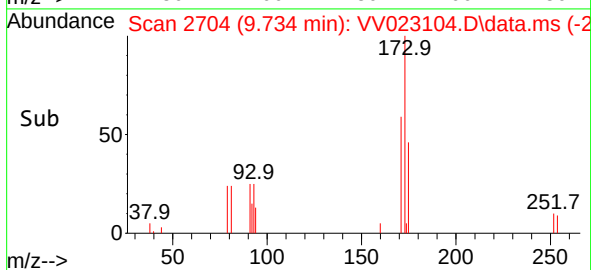
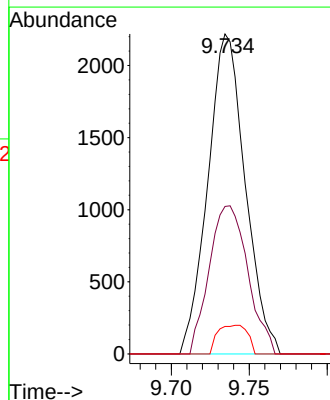
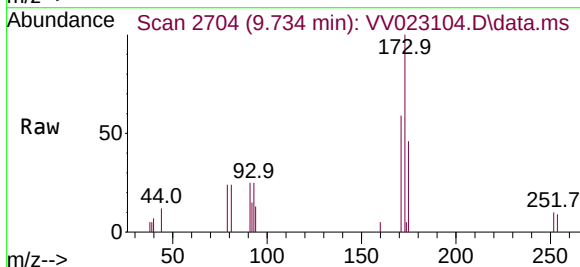
Instrument :
 MSVOA_V
 ClientSampled :

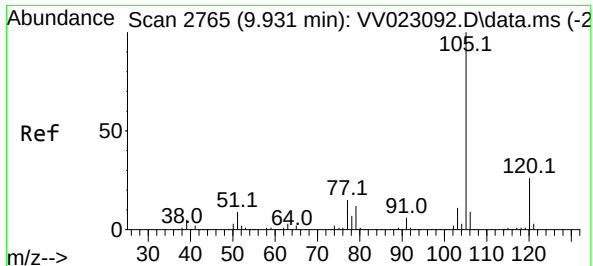
Tgt Ion:	83	Resp:	8395
Ion	Ratio	Lower	Upper
83	100		
85	63.5	44.7	83.1
131	10.7	7.8	11.8



#59
 Bromoform
 Concen: 2.391 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion:	173	Resp:	3694
Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.3	58.9
254	7.1	7.2	10.8#

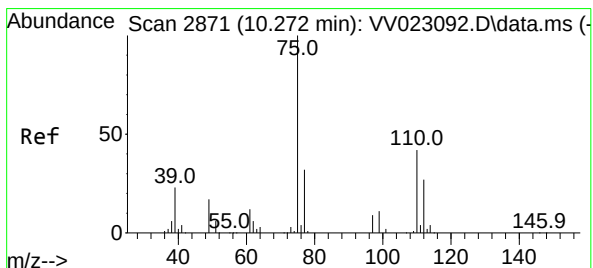
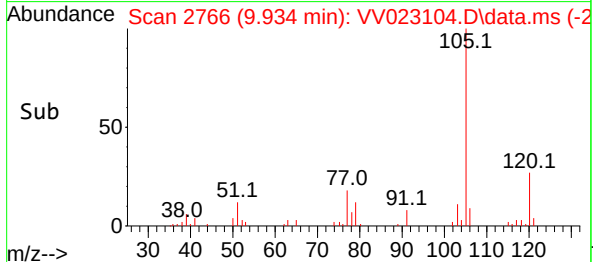
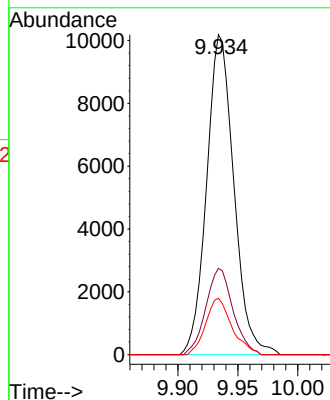
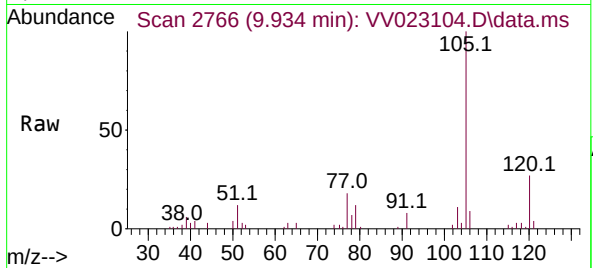




#60
Isopropylbenzene
Concen: 2.060 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

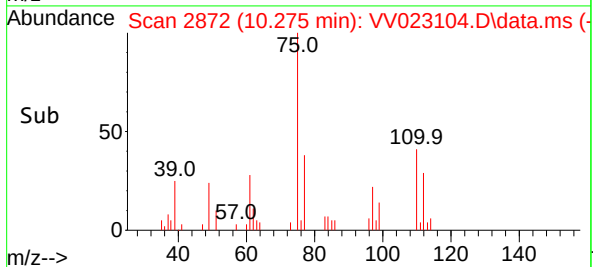
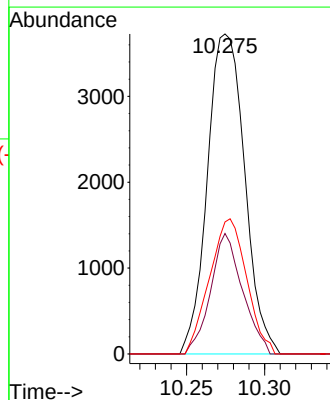
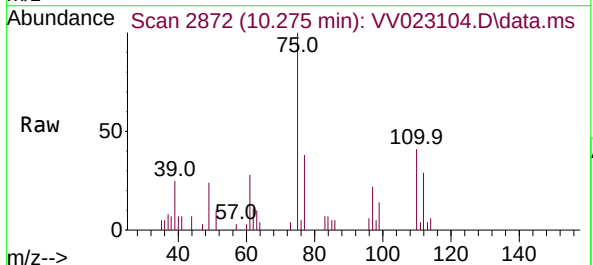
Instrument :
MSVOA_V
ClientSampled :

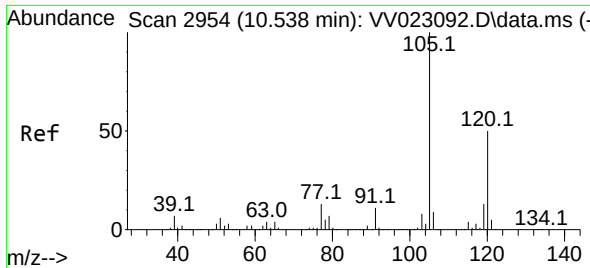
Tgt Ion:105 Resp: 16075
Ion Ratio Lower Upper
105 100
120 26.8 21.0 31.6
77 17.0 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 2.708 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion: 75 Resp: 6198
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4
110 41.9 33.1 49.7

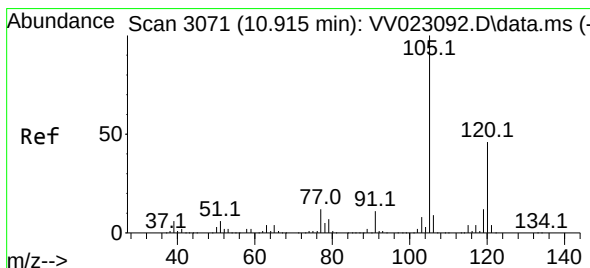
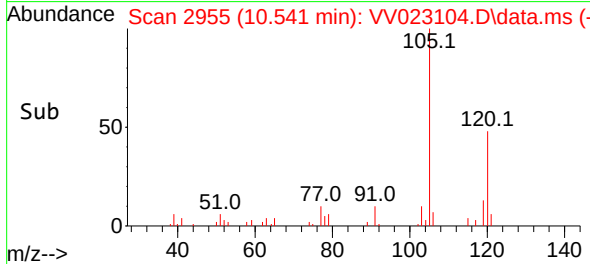
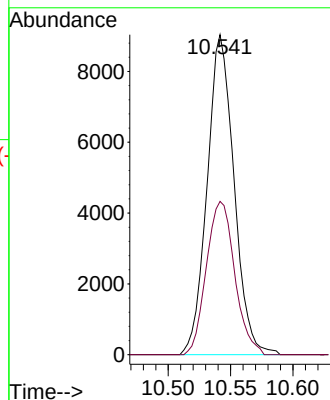
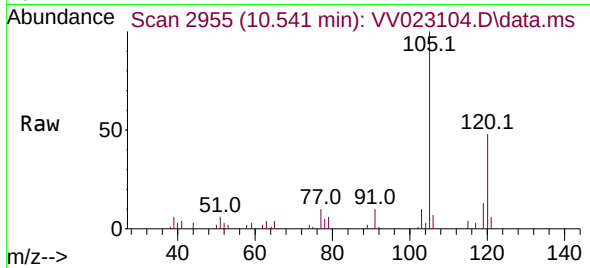




#62
 1,3,5-Trimethylbenzene
 Concen: 2.115 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

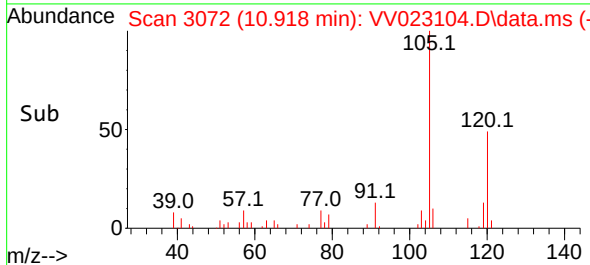
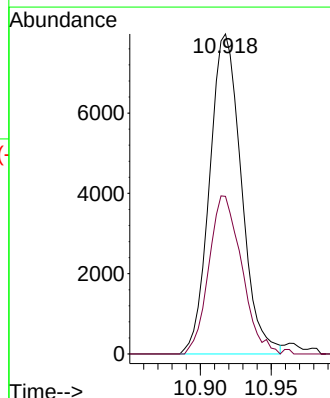
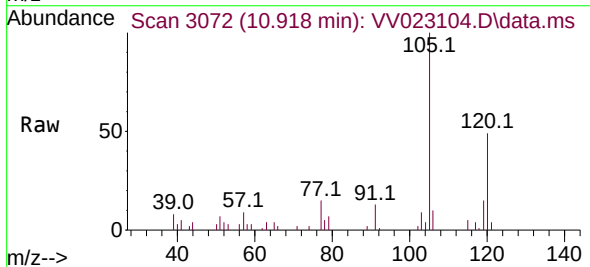
Instrument :
 MSVOA_V
 ClientSampled :

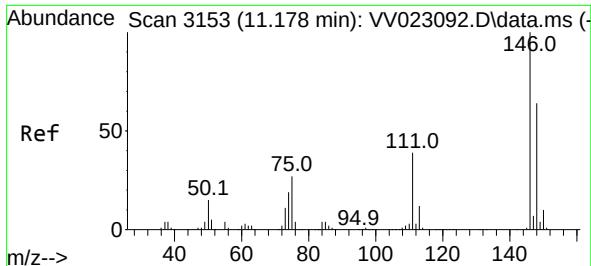
Tgt Ion:105 Resp: 13589
 Ion Ratio Lower Upper
 105 100
 120 50.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 1.922 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion:105 Resp: 12398
 Ion Ratio Lower Upper
 105 100
 120 51.1 37.1 55.7

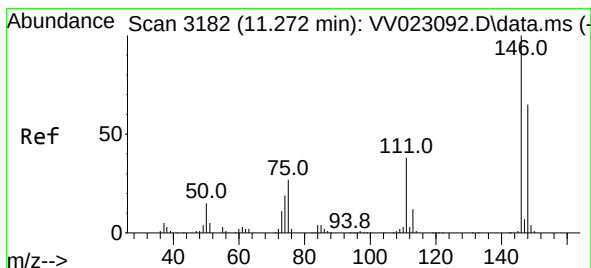
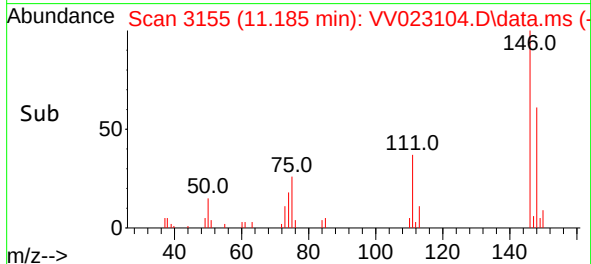
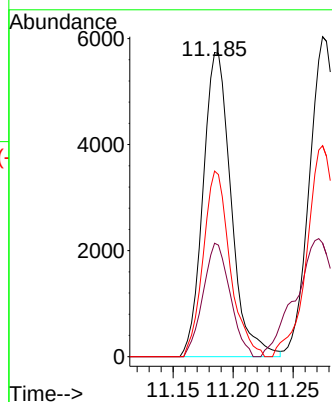
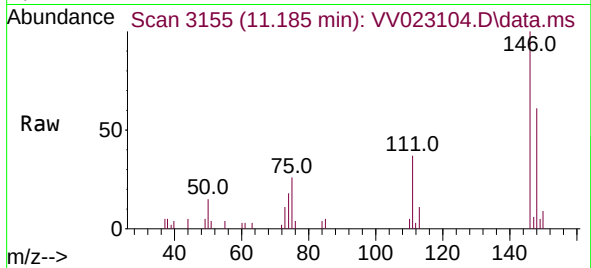




#64
1,3-Dichlorobenzene
Concen: 2.369 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

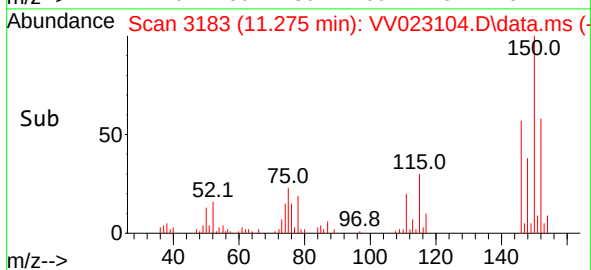
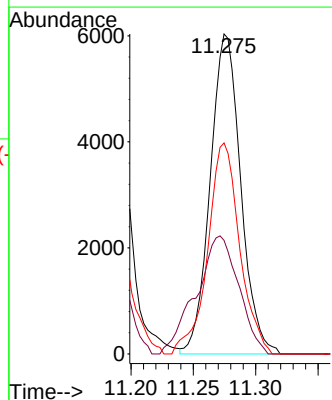
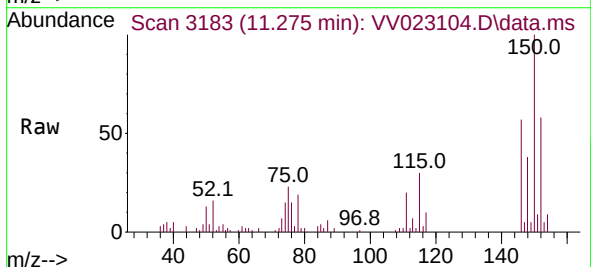
Instrument :
MSVOA_V
ClientSampled :

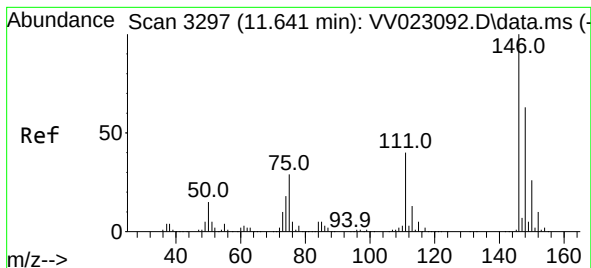
Tgt Ion:146 Resp: 9344
Ion Ratio Lower Upper
146 100
111 37.3 27.3 50.7
148 61.0 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 2.503 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023104.D
Acq: 29 Oct 2021 14:47

Tgt Ion:146 Resp: 10285
Ion Ratio Lower Upper
146 100
111 35.5 26.0 48.2
148 65.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 2.640 ug/L

RT: 11.644 min Scan# 3298

Delta R.T. 0.003 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

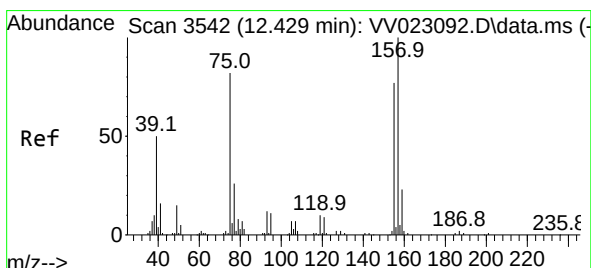
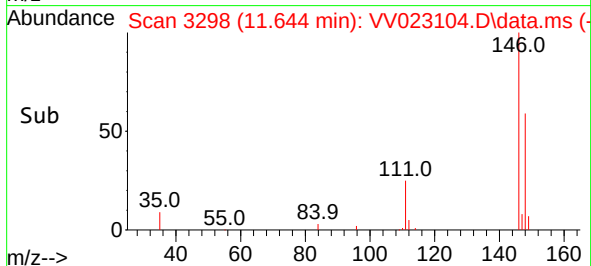
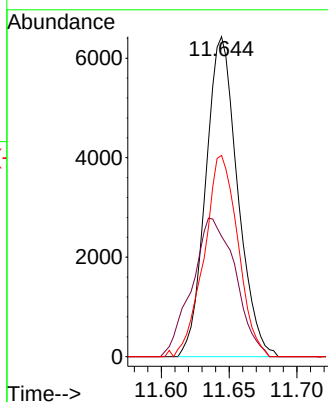
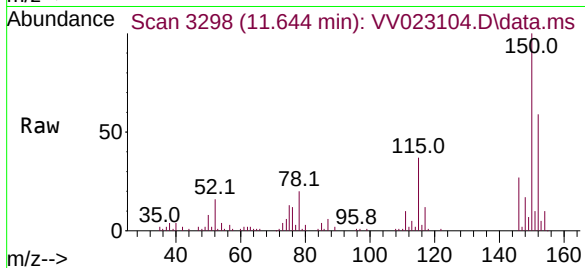
Tgt Ion:146 Resp: 10531

Ion Ratio Lower Upper

146 100

111 37.6 32.2 48.2

148 62.9 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.888 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.000 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

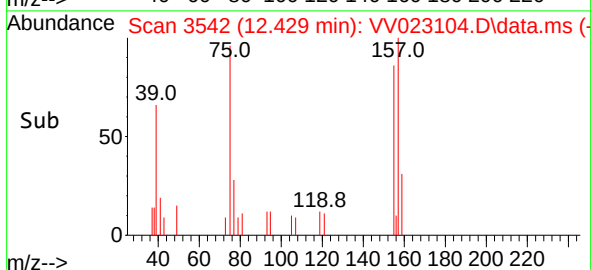
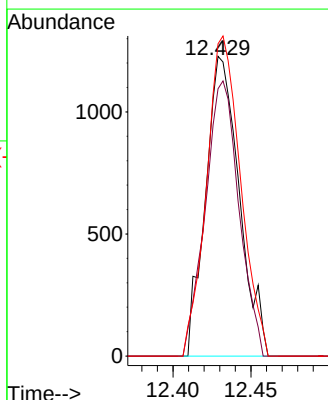
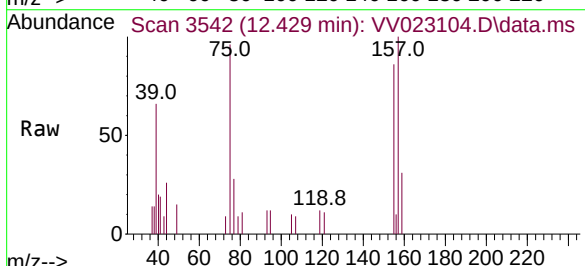
Tgt Ion: 75 Resp: 1845

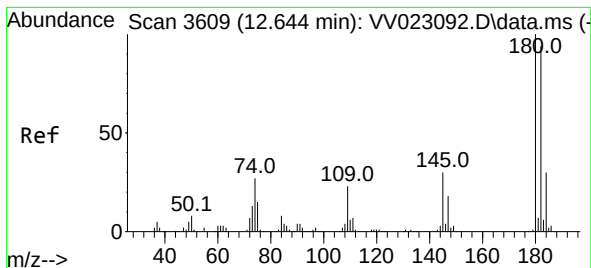
Ion Ratio Lower Upper

75 100

155 89.2 75.7 113.5

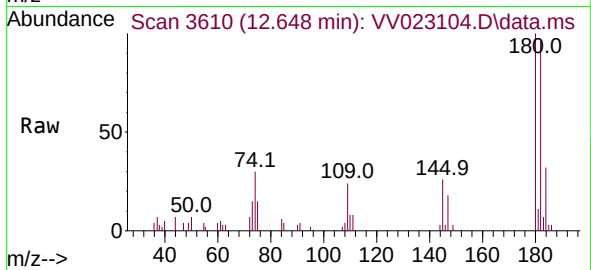
157 104.2 96.4 144.6



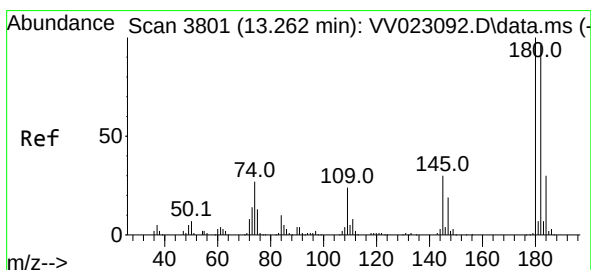
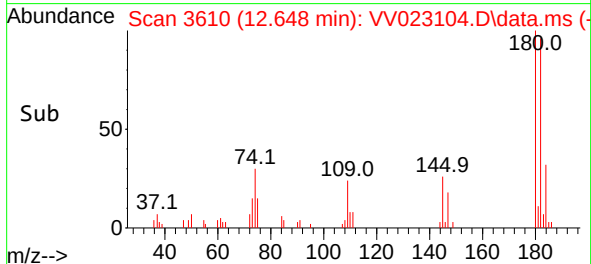
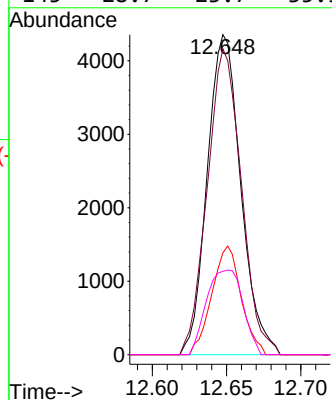


#69
 1,3,5-Trichlorobenzene
 Concen: 2.292 ug/L
 RT: 12.648 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Instrument :
 MSVOA_V
 ClientSampled :

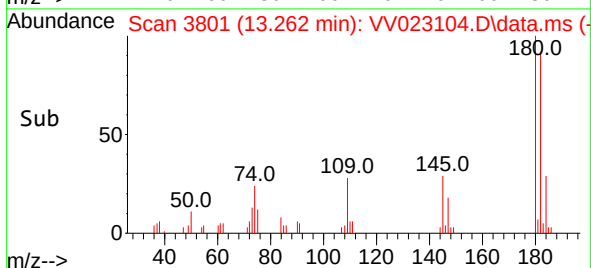
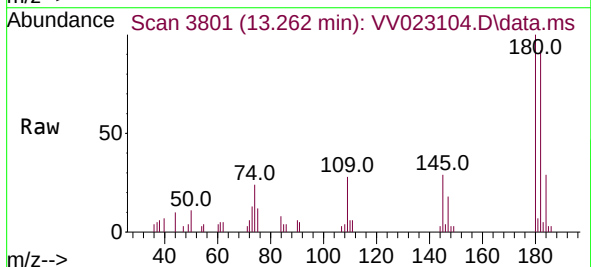
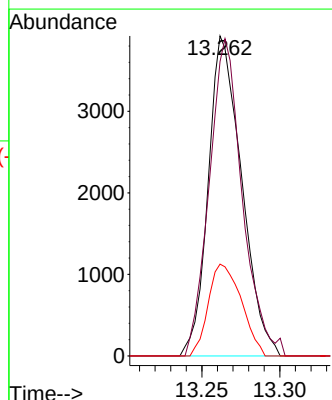


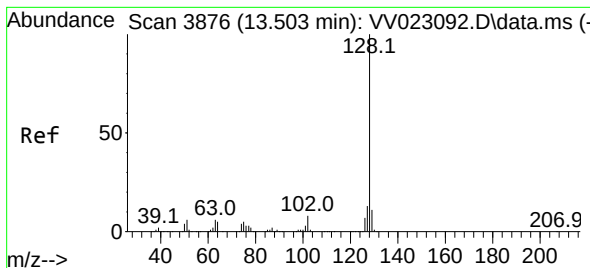
Tgt Ion:180 Resp: 6838
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.6 115.0
 184 29.8 24.6 36.8
 145 28.7 23.7 35.5



#70
 1,2,4-trichlorobenzene
 Concen: 2.261 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV023104.D
 Acq: 29 Oct 2021 14:47

Tgt Ion:180 Resp: 5846
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.2 115.8
 145 28.3 23.8 35.6





#71

Naphthalene

Concen: 2.105 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.003 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

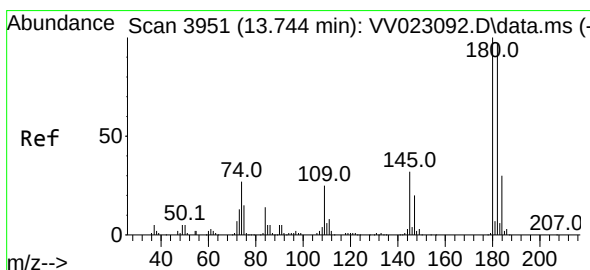
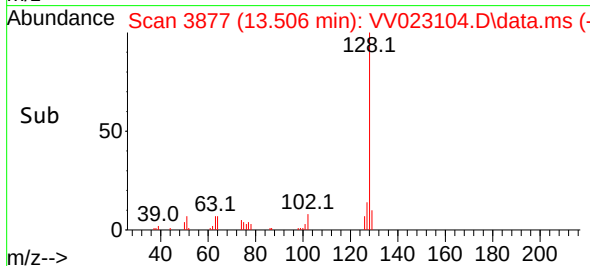
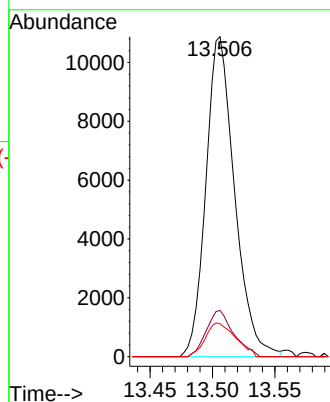
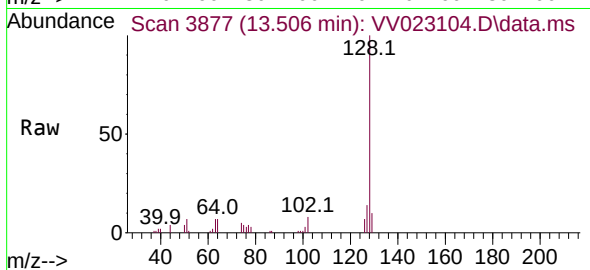
Tgt Ion:128 Resp: 17472

Ion Ratio Lower Upper

128 100

127 13.7 10.3 15.5

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.310 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.003 min

Lab File: VV023104.D

Acq: 29 Oct 2021 14:47

Tgt Ion:180 Resp: 6314

Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

145 30.3 26.4 39.6

