

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103122\
 Data File : VW028801.D
 Acq On : 31 Oct 2022 23:33
 Operator : SY/MD
 Sample : VSTDCCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:59:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	423354	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	390054	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	194291	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	188126	46.876	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.565	69	174857	50.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.940%
11) 1,1-Dichloroethene-d2	2.105	63	368506	48.270	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.540%
21) 2-Butanone-d5	3.876	46	304538	104.243	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	4.343	84	298899	49.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.760%
26) 1,2-Dichloroethane-d4	5.024	65	198102	49.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.980%
32) Benzene-d6	5.043	84	599710	49.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.500%
36) 1,2-Dichloropropane-d6	6.063	67	205245	49.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.200%
41) Toluene-d8	7.310	98	529050	49.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	7.616	79	75841	47.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.480%
47) 2-Hexanone-d5	8.085	63	199720	105.719	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	272689	49.468	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.940%
66) 1,2-Dichlorobenzene-d4	11.616	152	182226	47.515	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	143431	46.068	ug/L	97
3) Chloromethane	1.240	50	251644	48.564	ug/L	100
5) Vinyl chloride	1.311	62	236951	49.783	ug/L	99
6) Bromomethane	1.520	94	122291	46.566	ug/L	97
8) Chloroethane	1.581	64	174082	56.956	ug/L	100
9) Trichlorofluoromethane	1.748	101	282785	49.959	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	153026	47.716	ug/L	100
12) 1,1-Dichloroethene	2.114	96	153354	48.567	ug/L	96
13) Acetone	2.169	43	239536	84.684	ug/L	100
14) Carbon disulfide	2.291	76	404890	45.970	ug/L	100
15) Methyl Acetate	2.426	43	242415	51.063	ug/L	100
16) Methylene chloride	2.503	84	188259	49.139	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	149851	49.063	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	518630	49.156	ug/L	99
19) 1,1-Dichloroethane	3.185	63	327868	49.267	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	168221	49.918	ug/L	97
22) 2-Butanone	3.960	43	342247	98.490	ug/L	99
23) Bromochloromethane	4.243	128	78126	48.708	ug/L	98
25) Chloroform	4.368	83	307309	49.711	ug/L	100

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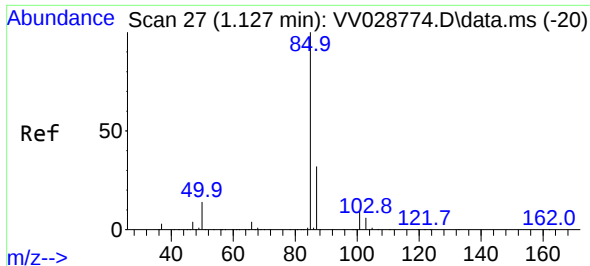
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	262390	51.974	ug/L	100
29) Cyclohexane	4.674	56	305103	49.022	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	242713	49.366	ug/L	98
31) Carbon tetrachloride	4.822	117	193541	49.269	ug/L	100
33) Benzene	5.095	78	700072	50.981	ug/L	100
34) Trichloroethene	5.908	95	160630	50.020	ug/L	98
35) Methylcyclohexane	6.127	83	273583	48.034	ug/L	99
37) 1,2-Dichloropropane	6.169	63	192956	50.786	ug/L	100
38) Bromodichloromethane	6.503	83	218267	50.567	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	257616	49.649	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	662628	104.867	ug/L	99
42) Toluene	7.381	91	706139	50.434	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	235469	49.074	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	161298	49.485	ug/L	95
46) Tetrachloroethene	7.969	164	107885	48.473	ug/L	97
48) 2-Hexanone	8.133	43	510776	106.138	ug/L	98
49) Dibromochloromethane	8.239	129	147454	48.870	ug/L	99
50) 1,2-Dibromoethane	8.346	107	166036	50.555	ug/L	99
51) Chlorobenzene	8.876	112	418543	48.818	ug/L	99
52) Ethylbenzene	9.005	91	756757	50.243	ug/L	99
53) m,p-Xylene	9.133	106	280589	51.076	ug/L	98
54) o-Xylene	9.535	106	278321	50.747	ug/L	99
55) Styrene	9.555	104	485606	51.631	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.233	83	294653	51.218	ug/L	99
59) Bromoform	9.725	173	93947	48.712	ug/L	99
60) Isopropylbenzene	9.924	105	740275	50.144	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	227987	49.384	ug/L	100
62) 1,3,5-Trimethylbenzene	10.532	105	621398	50.419	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	616816	50.306	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	304821	48.945	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	304316	47.957	ug/L	100
67) 1,2-Dichlorobenzene	11.635	146	306976	48.453	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	54629	46.447	ug/L	99
69) 1,3,5-Trichlorobenzene	12.635	180	206383	46.213	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	177928	46.556	ug/L	98
71) Naphthalene	13.490	128	566803	45.551	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	184098	47.591	ug/L	99

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

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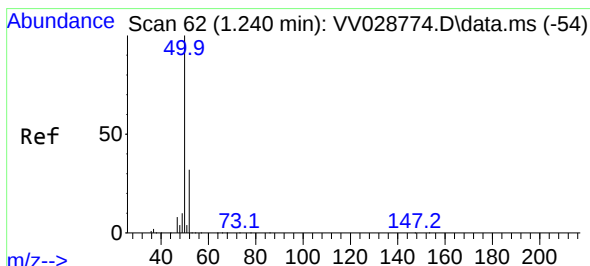
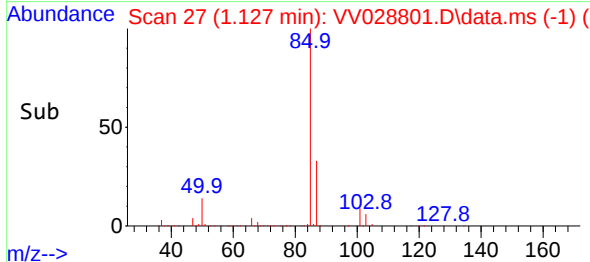
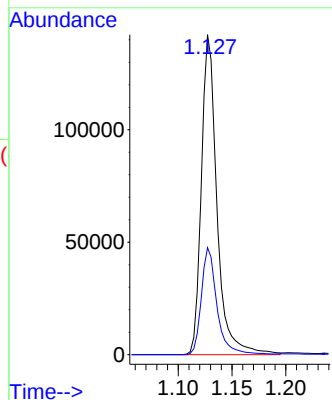
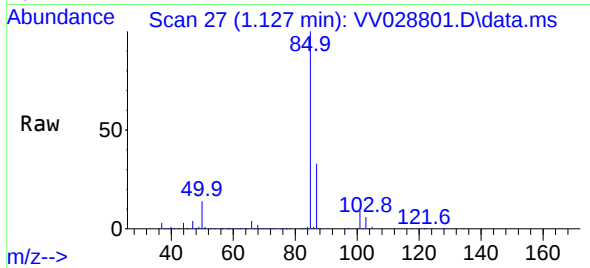




#2
 Dichlorodifluoromethane
 Concen: 46.068 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

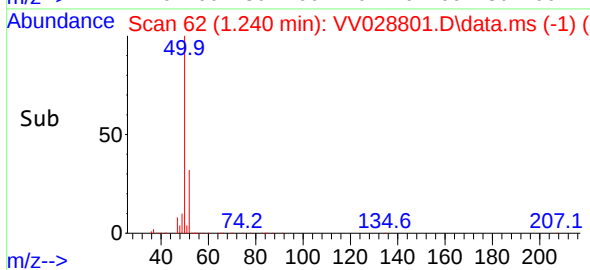
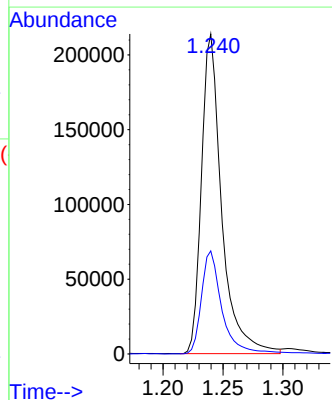
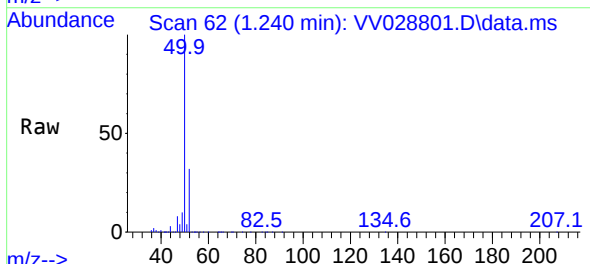
Instrument :
 MSVOA_V
 ClientSampleId :

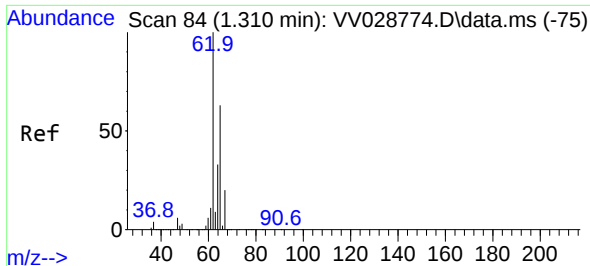
Tgt Ion: 85 Resp: 143431
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.4 38.0



#3
 Chloromethane
 Concen: 48.564 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

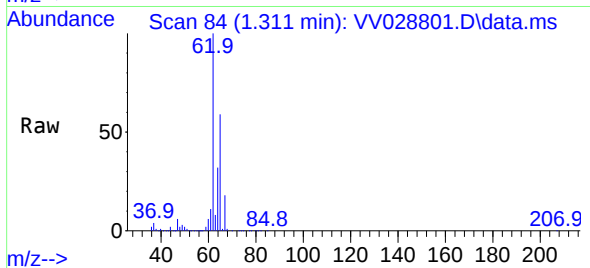
Tgt Ion: 50 Resp: 251644
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1





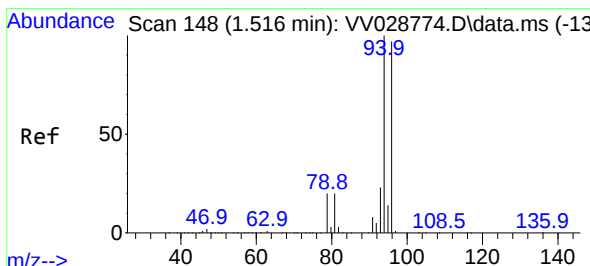
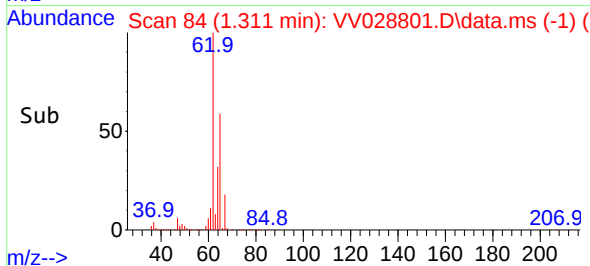
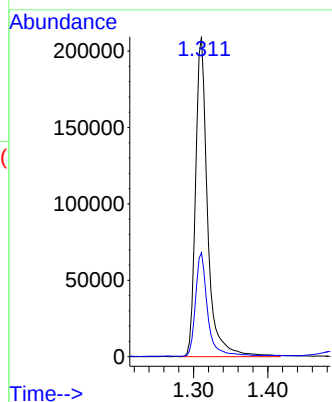
#5
 Vinyl chloride
 Concen: 49.783 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 62 Resp: 236951

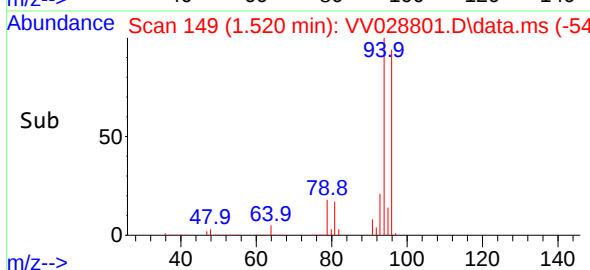
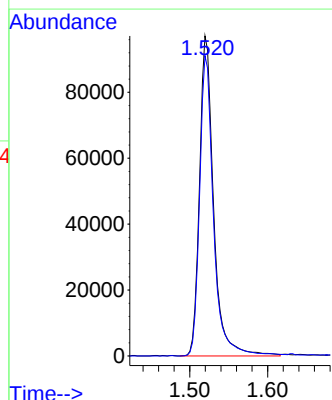
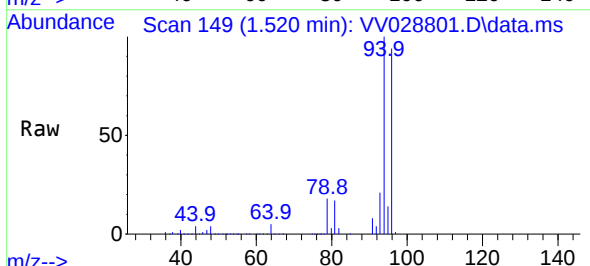
Ion	Ratio	Lower	Upper
62	100		
64	32.5	23.2	43.0

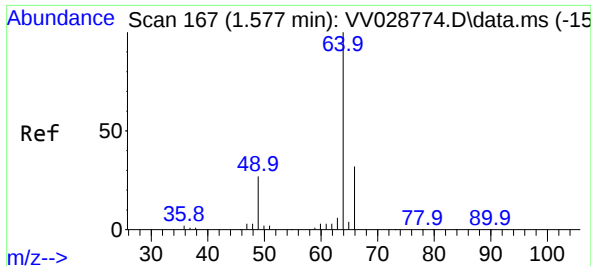


#6
 Bromomethane
 Concen: 46.566 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.007 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

Tgt Ion: 94 Resp: 122291

Ion	Ratio	Lower	Upper
94	100		
96	93.8	67.6	125.6

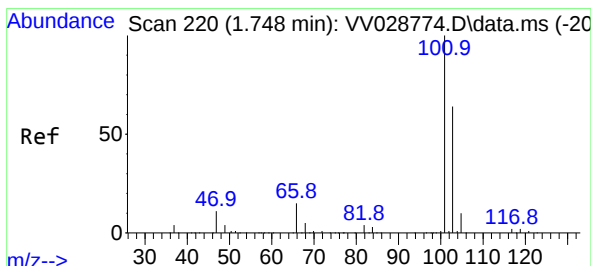
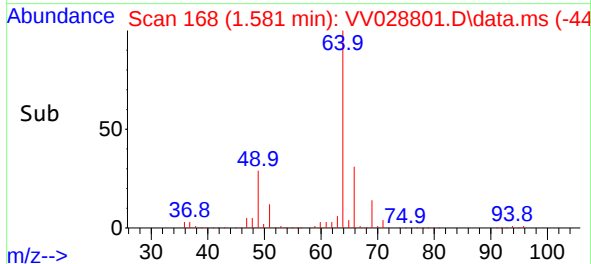
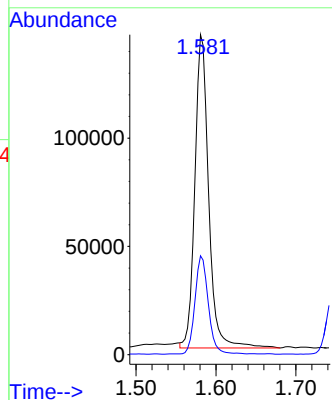
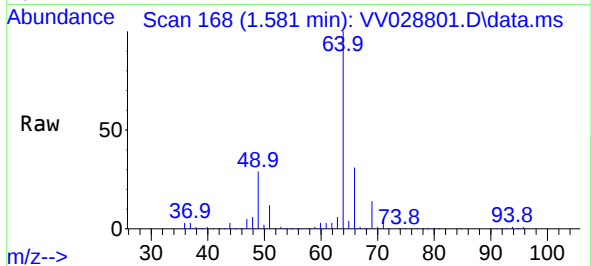




#8
Chloroethane
Concen: 56.956 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

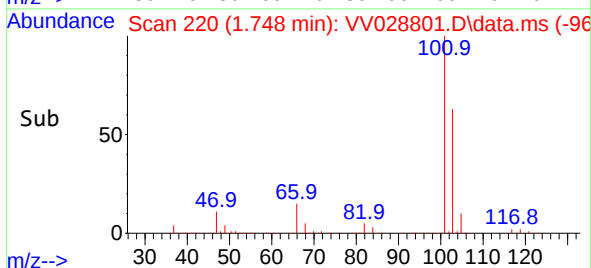
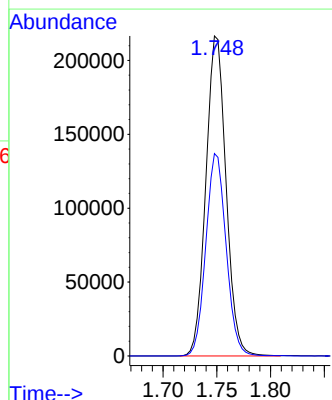
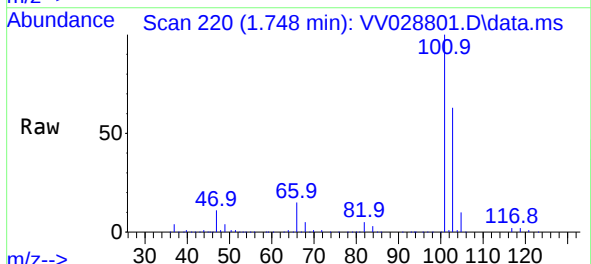
Instrument :
MSVOA_V
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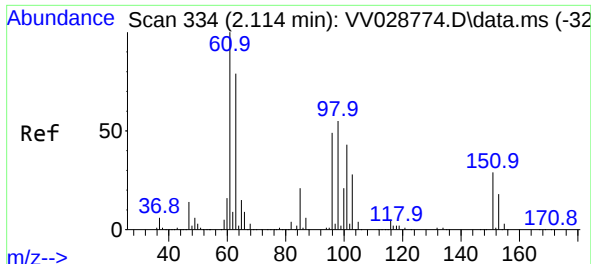
Tgt Ion: 64 Resp: 174082
Ion Ratio Lower Upper
64 100
66 30.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 49.959 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:101 Resp: 282785
Ion Ratio Lower Upper
101 100
103 63.6 51.6 77.4

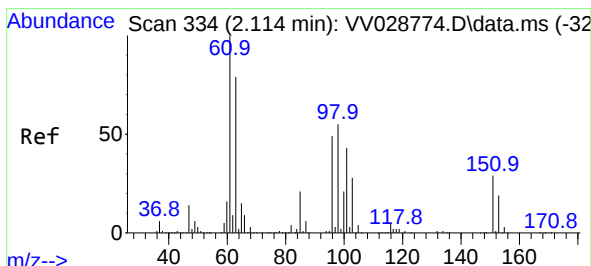
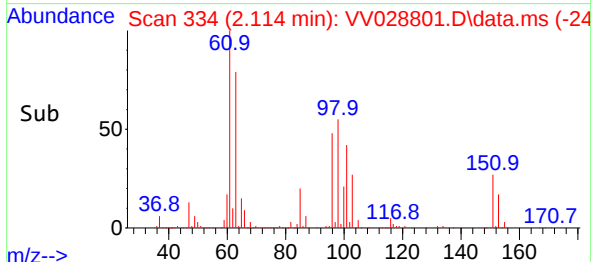
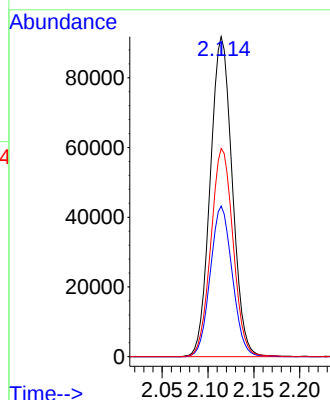
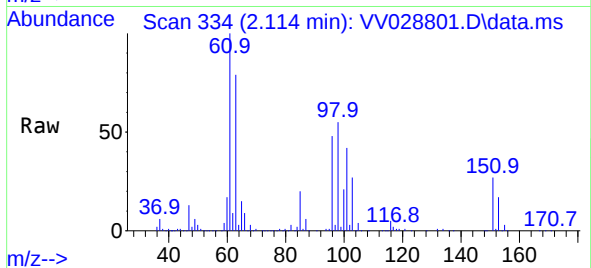




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.716 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

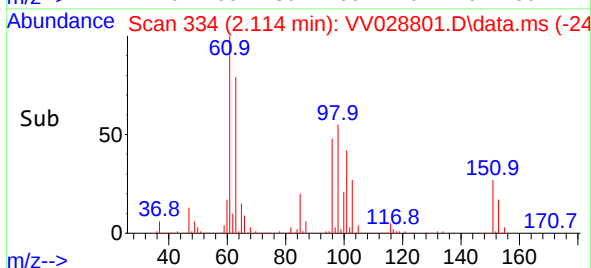
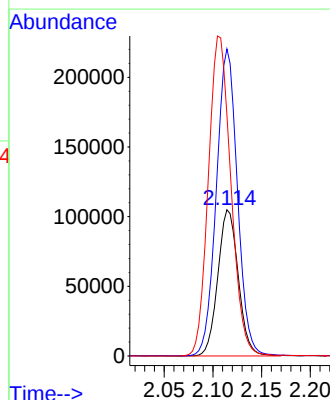
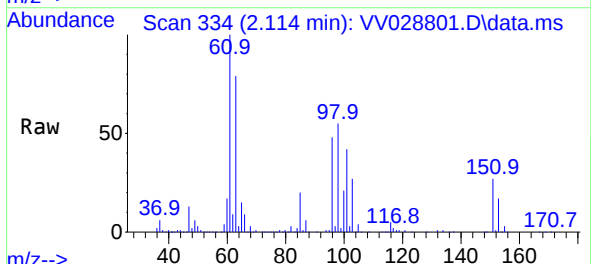
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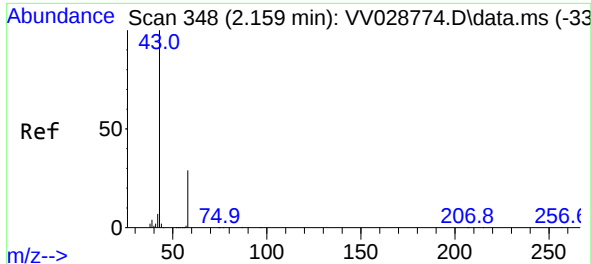
Tgt Ion:101 Resp: 153026
 Ion Ratio Lower Upper
 101 100
 85 47.1 38.0 57.0
 151 65.9 52.7 79.1



#12
 1,1-Dichloroethene
 Concen: 48.567 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

Tgt Ion: 96 Resp: 153354
 Ion Ratio Lower Upper
 96 100
 61 210.1 142.7 265.1
 63 165.0 112.5 208.9





#13

Acetone

Concen: 84.684 ug/L

RT: 2.169 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

Instrument :

MSVOA_V

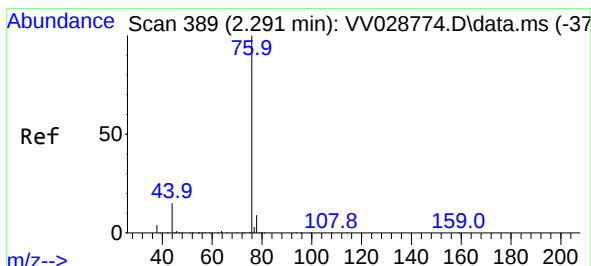
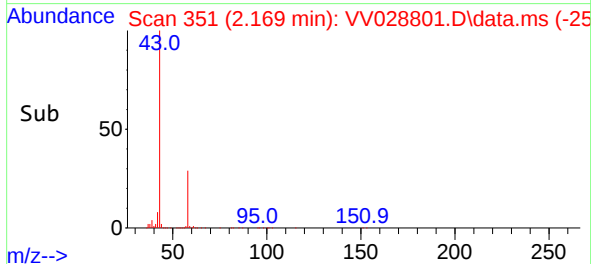
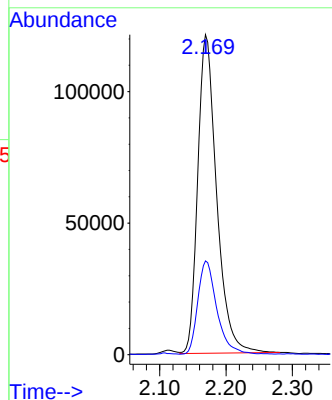
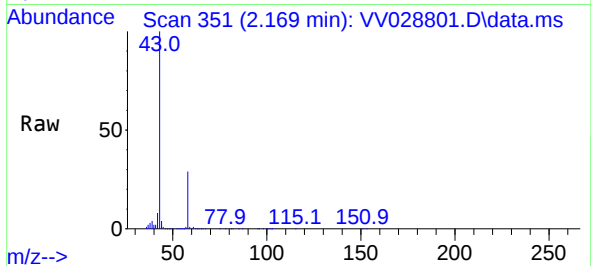
ClientSampleId :

Tgt Ion: 43 Resp: 239536

Ion Ratio Lower Upper

43 100

58 29.4 0.0 59.0



#14

Carbon disulfide

Concen: 45.970 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028801.D

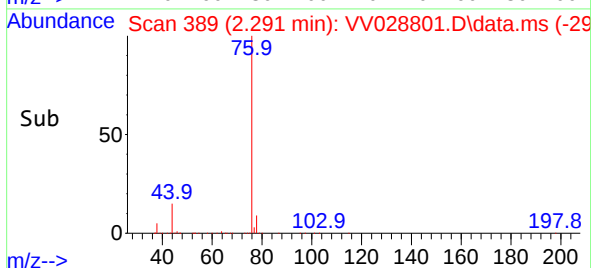
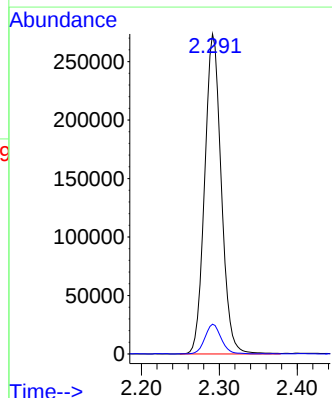
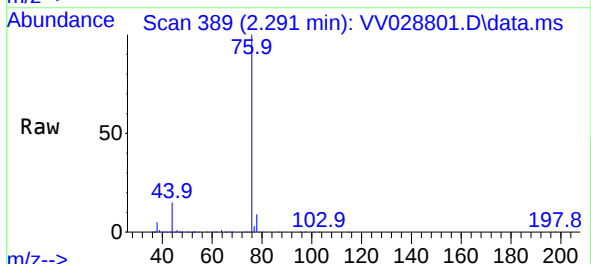
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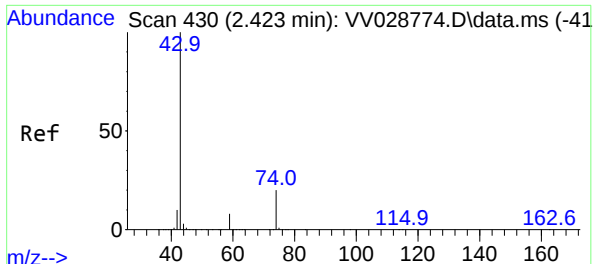
Tgt Ion: 76 Resp: 404890

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

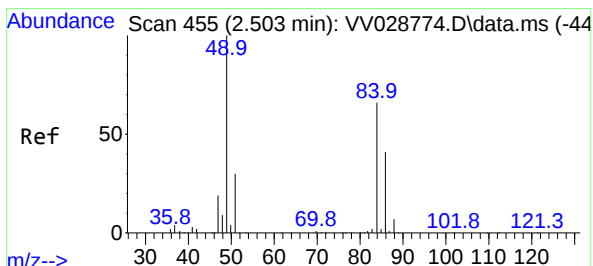
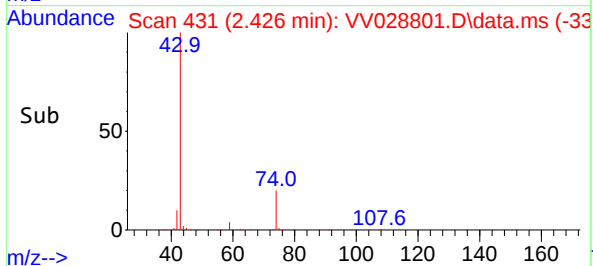
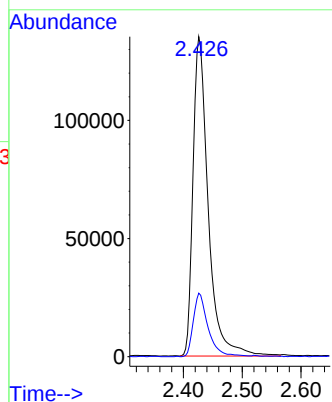
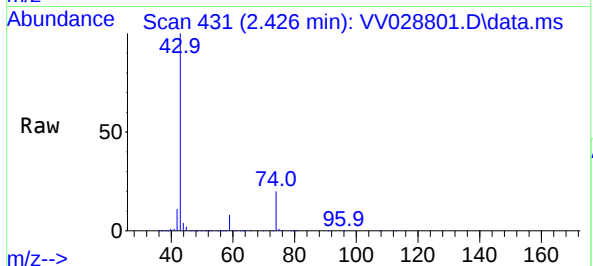




#15
Methyl Acetate
Concen: 51.063 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

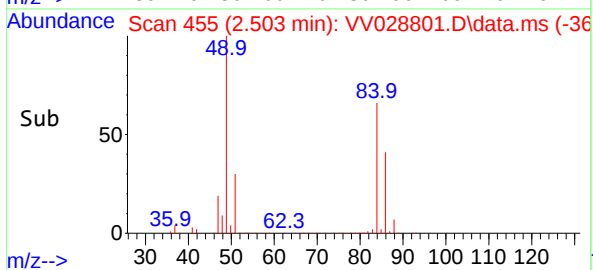
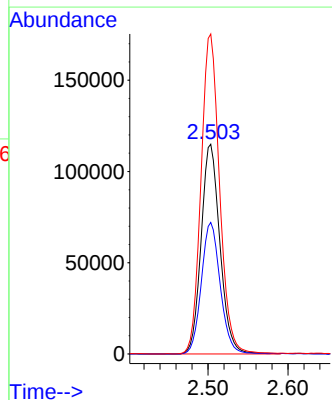
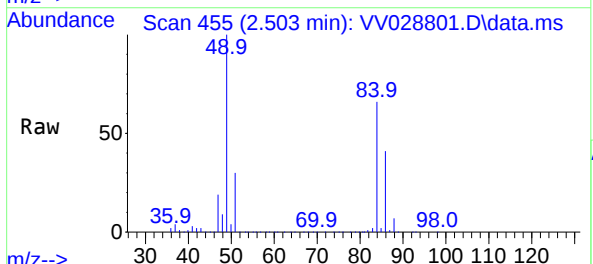
Instrument :
MSVOA_V
ClientSampleId :

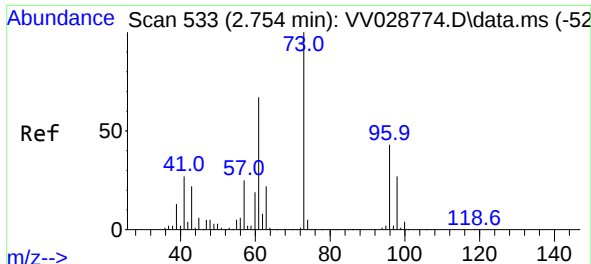
Tgt Ion: 43 Resp: 242415
Ion Ratio Lower Upper
43 100
74 19.4 15.6 23.4



#16
Methylene chloride
Concen: 49.139 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 84 Resp: 188259
Ion Ratio Lower Upper
84 100
86 62.7 43.7 81.1
49 152.6 105.3 195.5

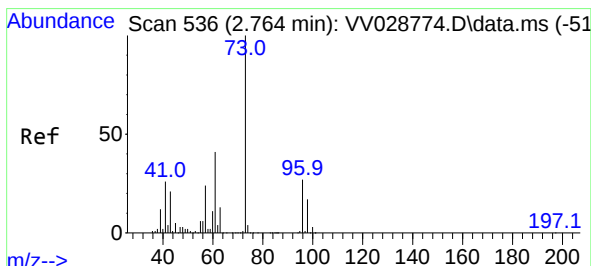
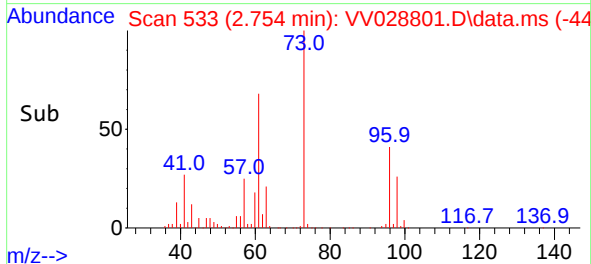
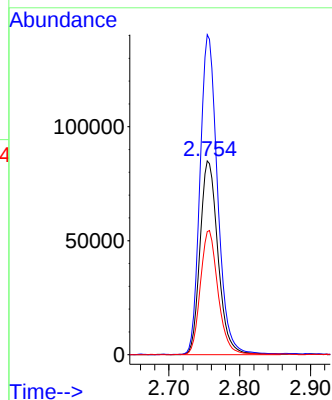
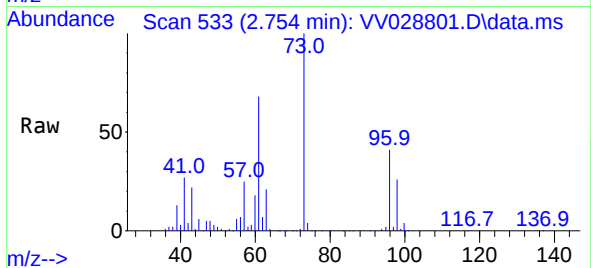




#17
trans-1,2-Dichloroethene
Concen: 49.063 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

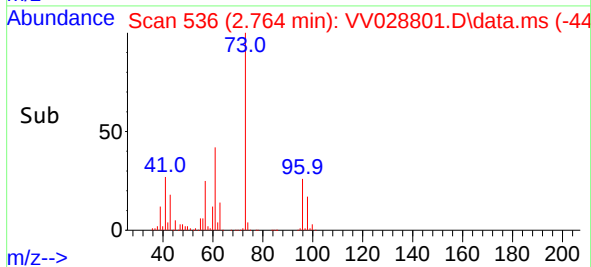
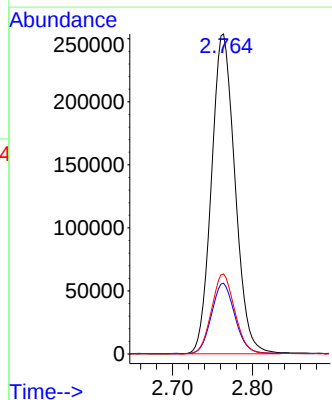
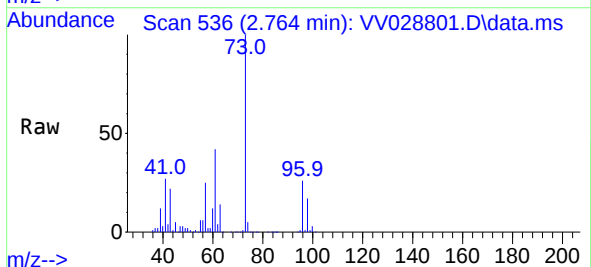
Instrument :
MSVOA_V
ClientSampleId :

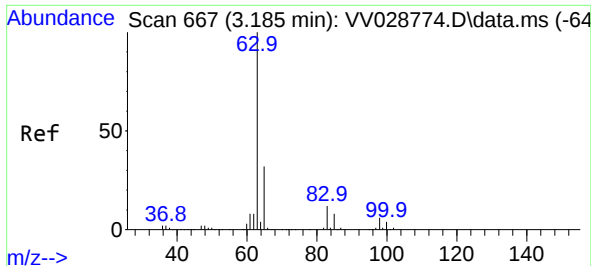
Tgt Ion: 96 Resp: 149851
Ion Ratio Lower Upper
96 100
61 165.1 109.4 203.2
98 63.5 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 49.156 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

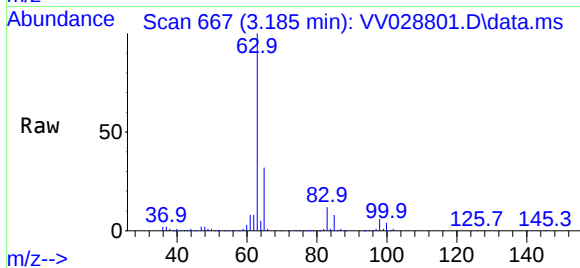
Tgt Ion: 73 Resp: 518630
Ion Ratio Lower Upper
73 100
43 21.9 17.1 25.7
57 24.8 19.3 28.9



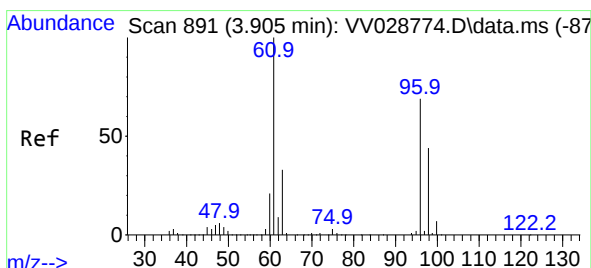
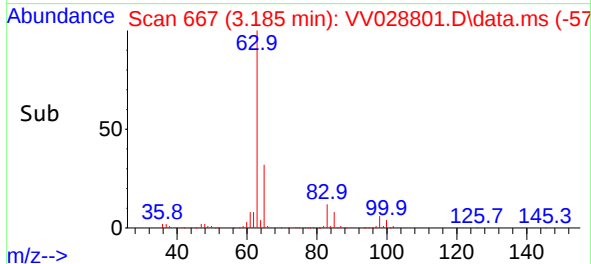
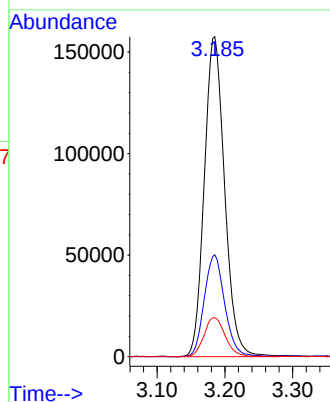


#19
1,1-Dichloroethane
Concen: 49.267 ug/L
RT: 3.185 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

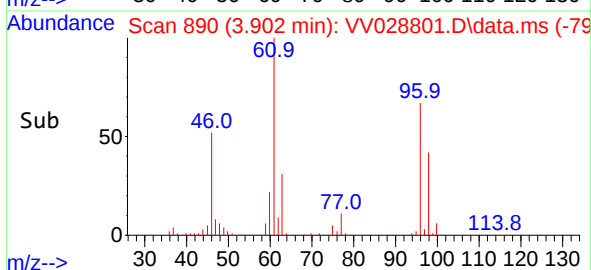
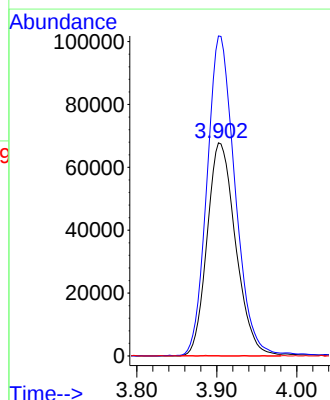
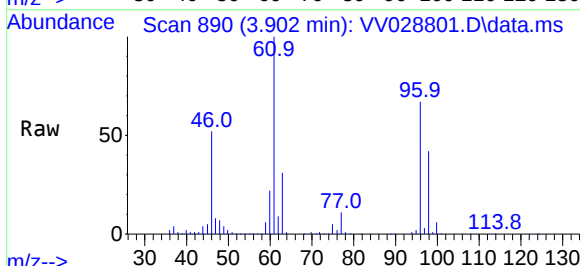


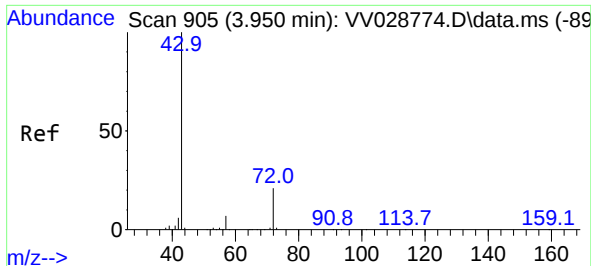
Tgt Ion: 63 Resp: 327868
Ion Ratio Lower Upper
63 100
65 31.8 22.5 41.9
83 12.1 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 49.918 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 96 Resp: 168221
Ion Ratio Lower Upper
96 100
61 150.1 102.3 190.1
68 0.2 0.1 0.3

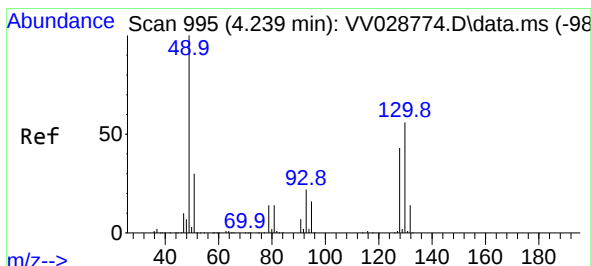
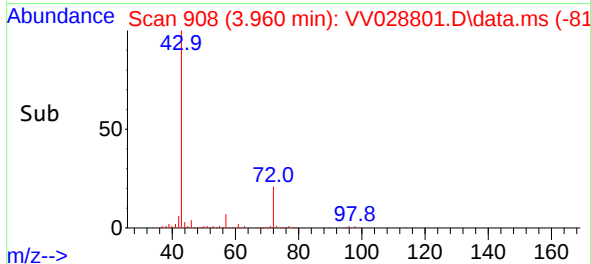
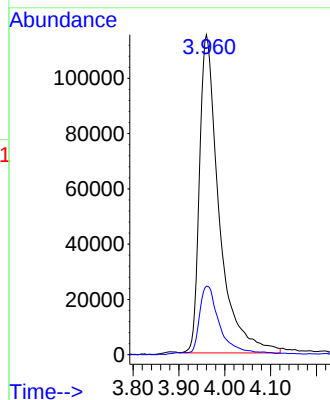
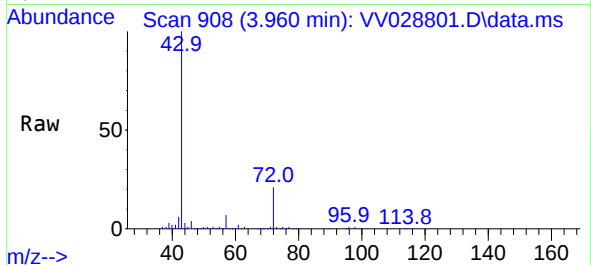




#22
2-Butanone
Concen: 98.490 ug/L
RT: 3.960 min Scan# 905
Delta R.T. 0.007 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

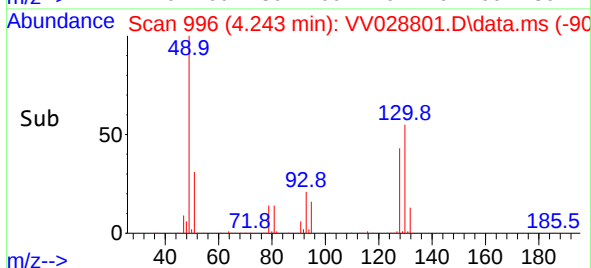
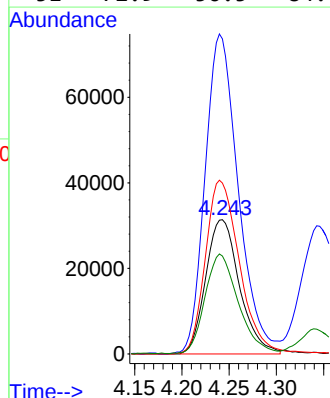
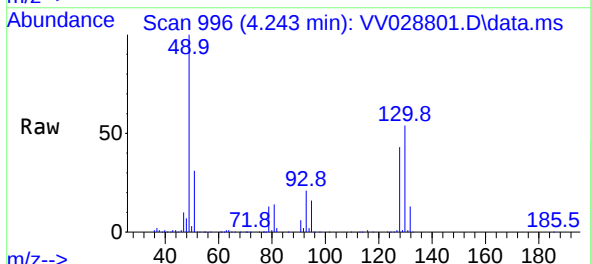
Instrument :
MSVOA_V
ClientSampleId :

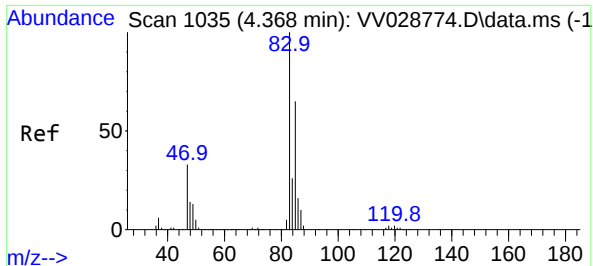
Tgt Ion: 43 Resp: 342247
Ion Ratio Lower Upper
43 100
72 20.6 10.0 30.0



#23
Bromochloromethane
Concen: 48.708 ug/L
RT: 4.243 min Scan# 996
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 128 Resp: 78126
Ion Ratio Lower Upper
128 100
49 234.7 161.8 300.6
130 127.2 89.9 166.9
51 72.9 56.5 84.7

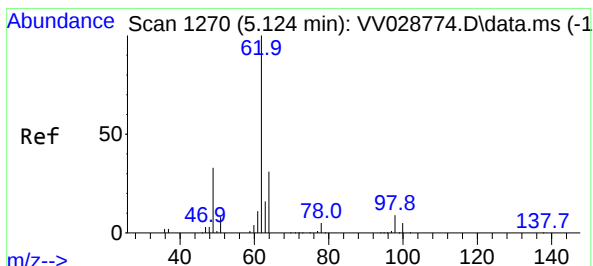
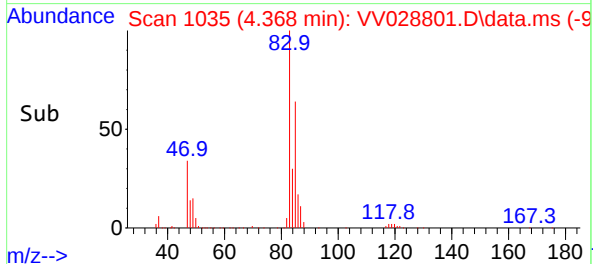
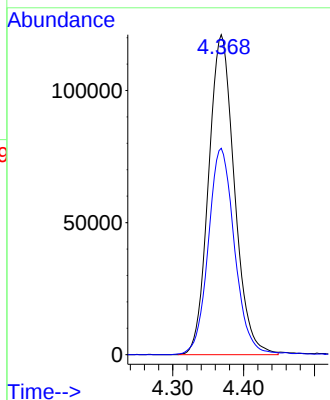
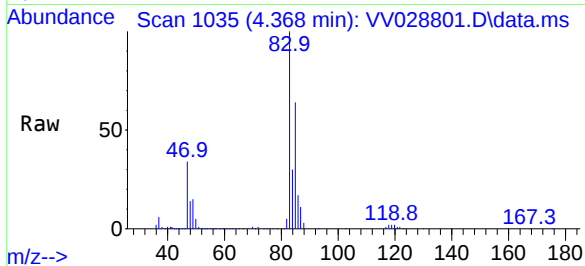




#25
Chloroform
Concen: 49.711 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

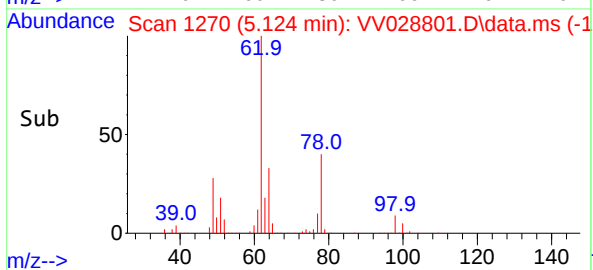
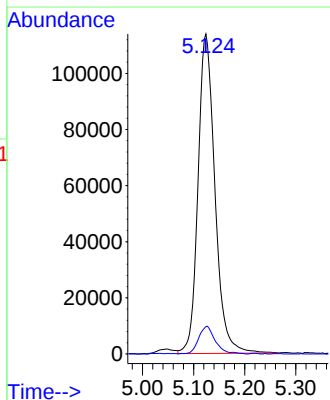
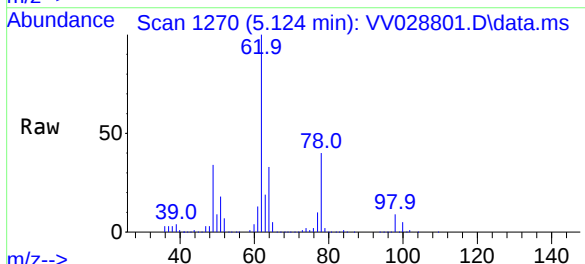
Instrument :
MSVOA_V
ClientSampleId :

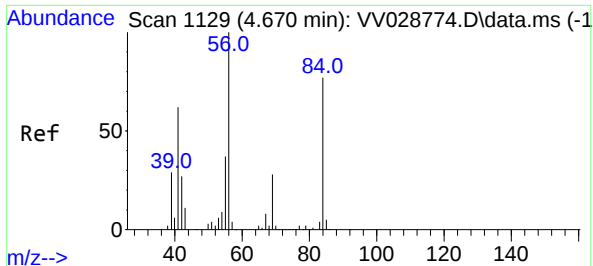
Tgt Ion: 83 Resp: 307309
Ion Ratio Lower Upper
83 100
85 64.5 45.3 84.1



#27
1,2-Dichloroethane
Concen: 51.974 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 62 Resp: 262390
Ion Ratio Lower Upper
62 100
98 8.6 6.9 10.3





#29

Cyclohexane

Concen: 49.022 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

Instrument :

MSVOA_V

ClientSampleId :

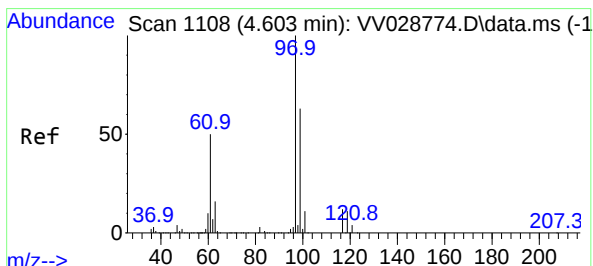
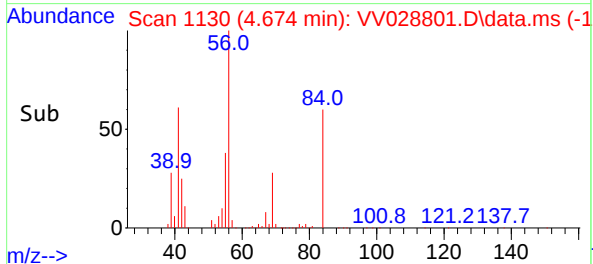
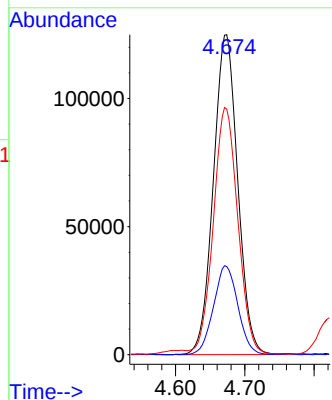
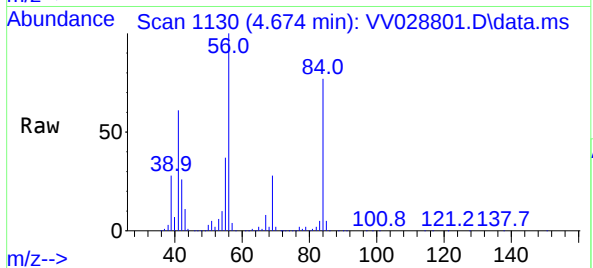
Tgt Ion: 56 Resp: 305103

Ion Ratio Lower Upper

56 100

69 27.9 22.2 33.2

84 77.6 62.3 93.5



#30

1,1,1-Trichloroethane

Concen: 49.366 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

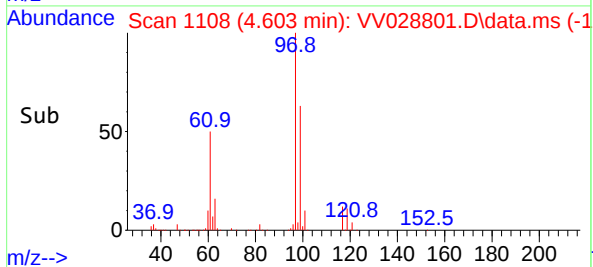
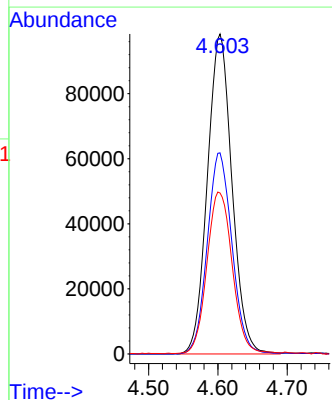
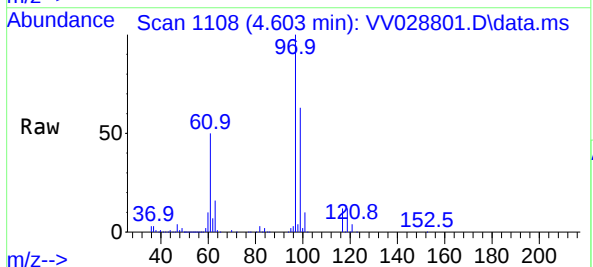
Tgt Ion: 97 Resp: 242713

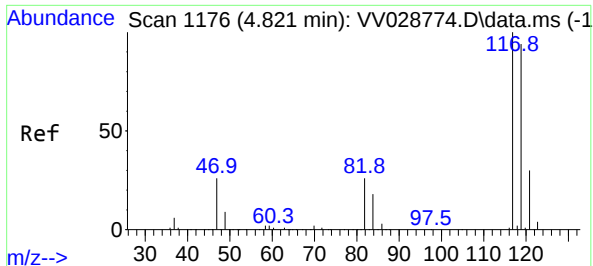
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.4

61 52.4 40.2 60.4

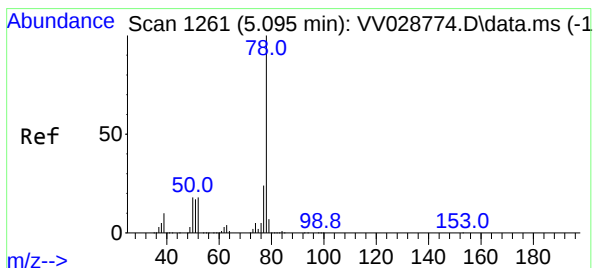
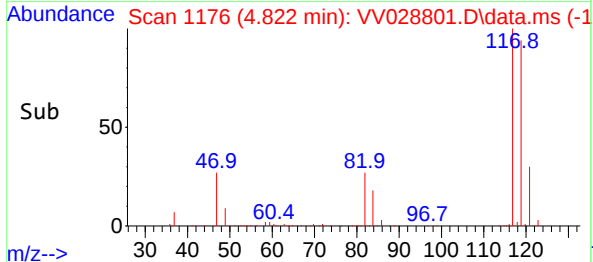
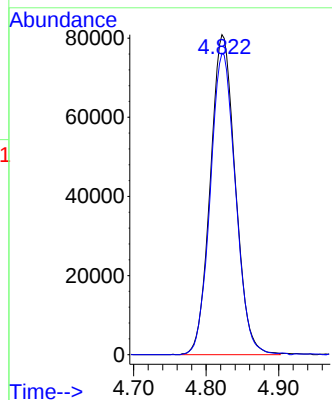
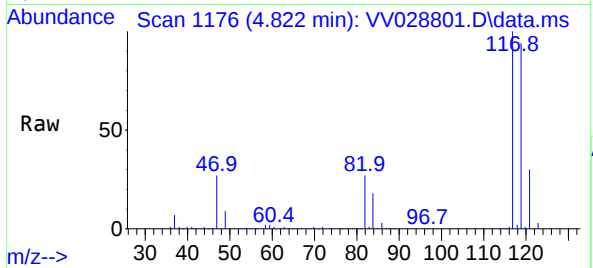




#31
Carbon tetrachloride
Concen: 49.269 ug/L
RT: 4.822 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

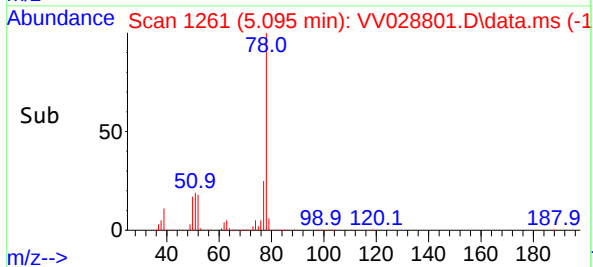
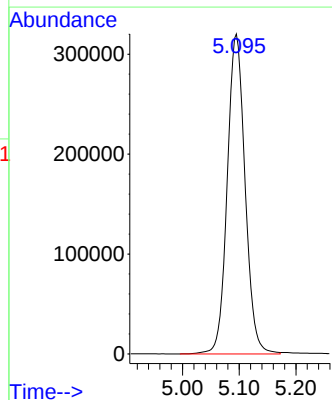
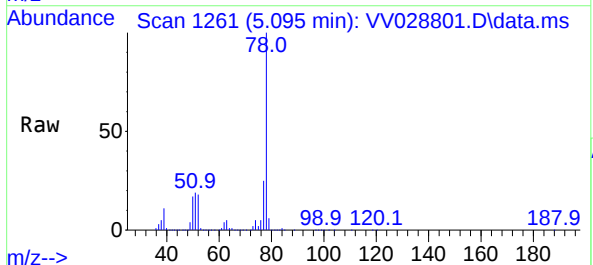
Instrument :
MSVOA_V
ClientSampleId :

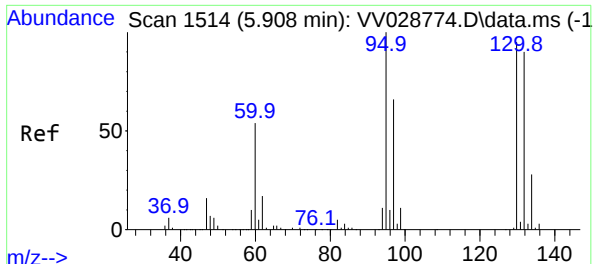
Tgt Ion:117 Resp: 193541
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1



#33
Benzene
Concen: 50.981 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

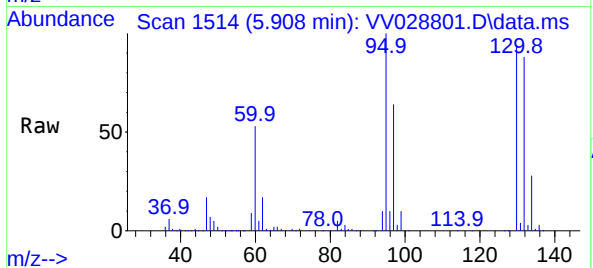
Tgt Ion: 78 Resp: 700072



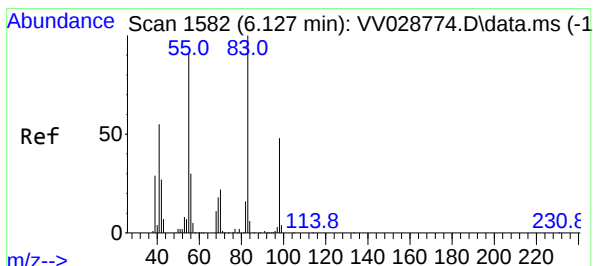
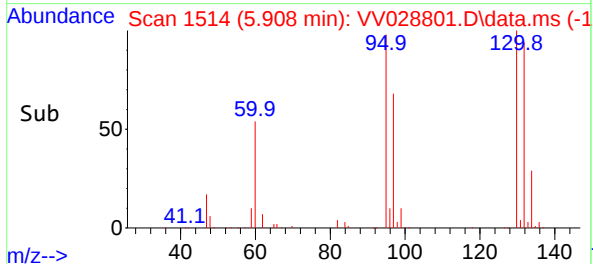
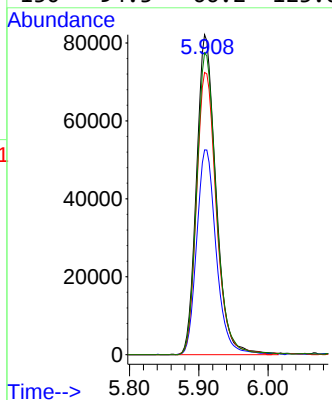


#34
Trichloroethene
Concen: 50.020 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

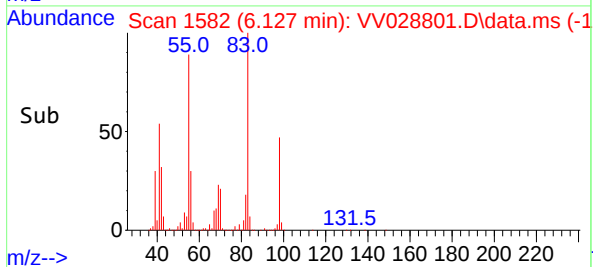
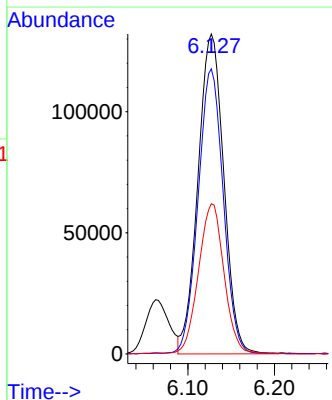
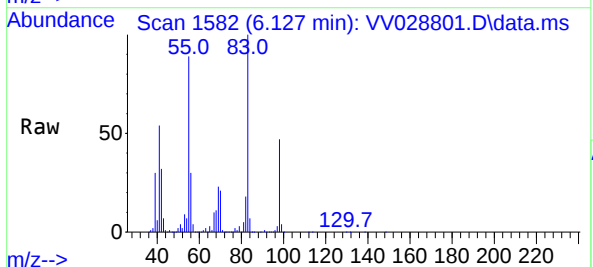


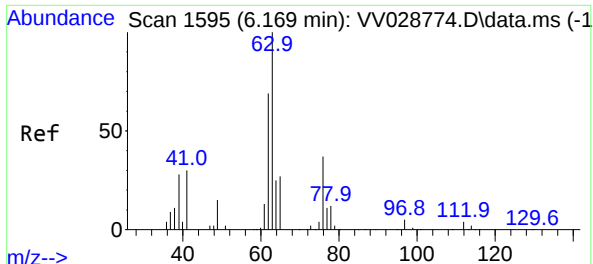
Tgt Ion: 95 Resp: 160630
Ion Ratio Lower Upper
95 100
97 64.0 46.2 85.8
132 88.2 63.2 117.4
130 94.3 66.2 123.0



#35
Methylcyclohexane
Concen: 48.034 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 83 Resp: 273583
Ion Ratio Lower Upper
83 100
55 86.3 69.4 104.2
98 46.6 37.0 55.4

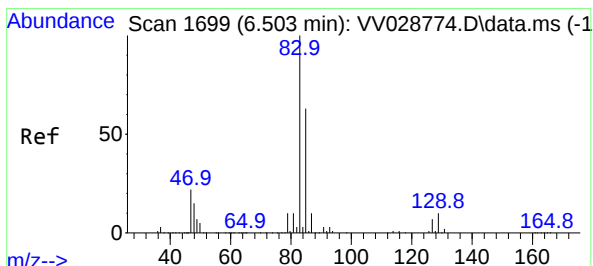
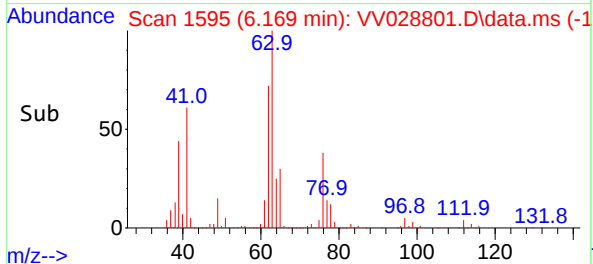
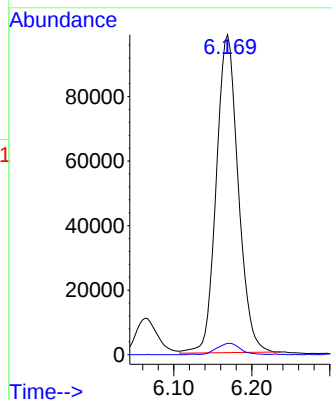
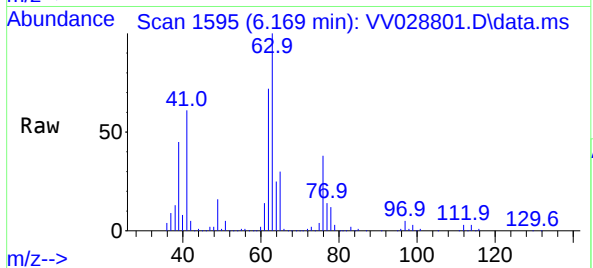




#37
1,2-Dichloropropane
Concen: 50.786 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

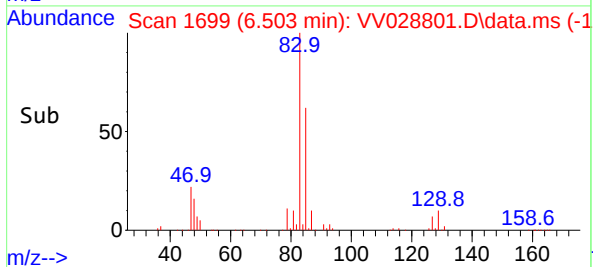
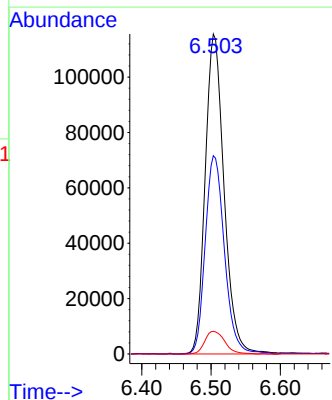
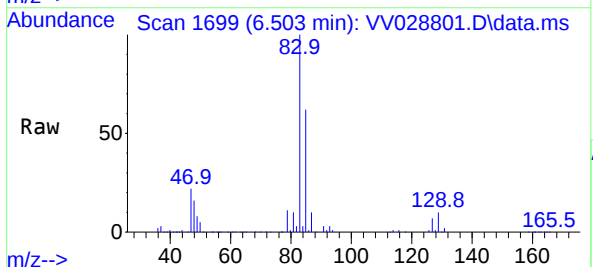
Instrument :
MSVOA_V
ClientSampleId :

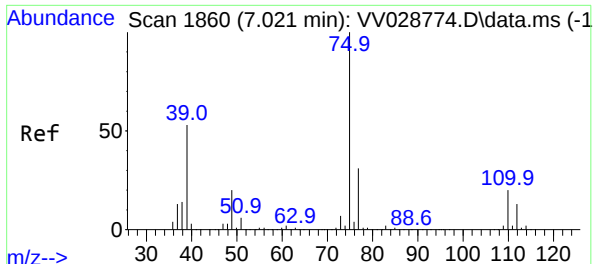
Tgt Ion: 63 Resp: 192956
Ion Ratio Lower Upper
63 100
112 3.7 3.0 4.6



#38
Bromodichloromethane
Concen: 50.567 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 83 Resp: 218267
Ion Ratio Lower Upper
83 100
85 62.0 44.3 82.3
127 7.0 5.8 8.8

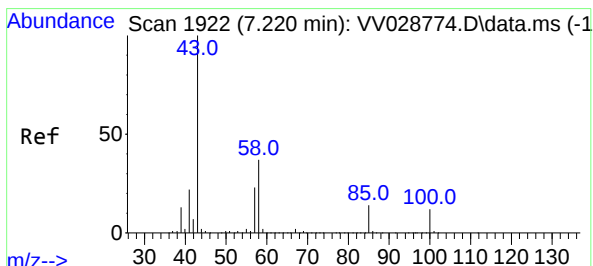
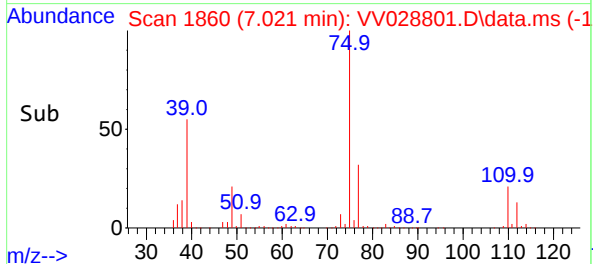
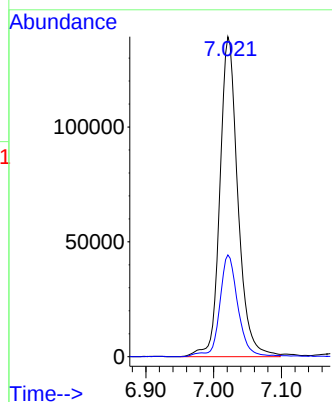
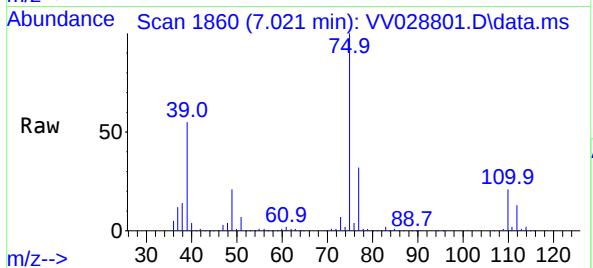




#39
 cis-1,3-Dichloropropene
 Concen: 49.649 ug/L
 RT: 7.021 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

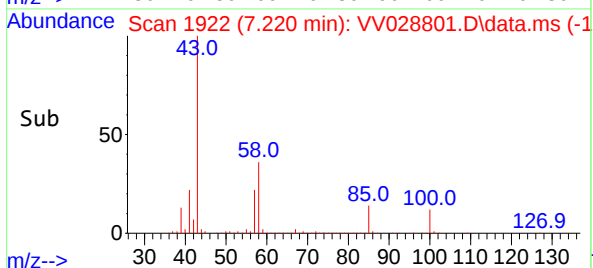
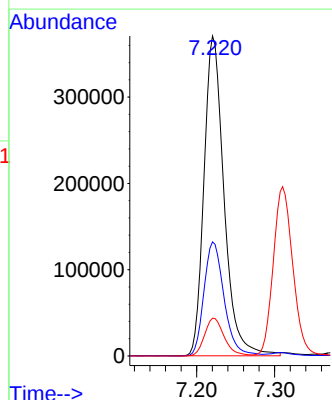
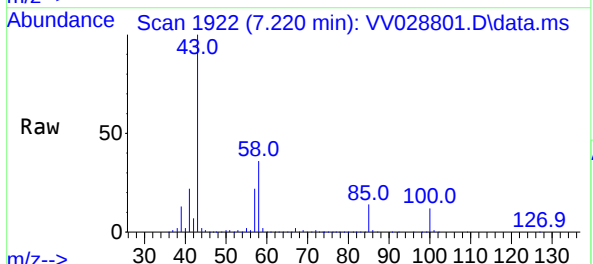
Instrument :
 MSVOA_V
 ClientSampleId :

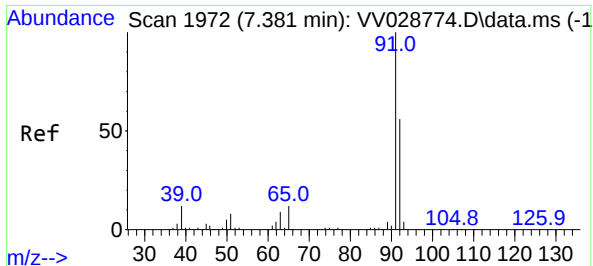
Tgt Ion: 75 Resp: 257616
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 104.867 ug/L
 RT: 7.220 min Scan# 1922
 Delta R.T. 0.000 min
 Lab File: VV028801.D
 Acq: 31 Oct 2022 23:33

Tgt Ion: 43 Resp: 662628
 Ion Ratio Lower Upper
 43 100
 58 35.9 29.1 43.7
 100 11.6 9.5 14.3

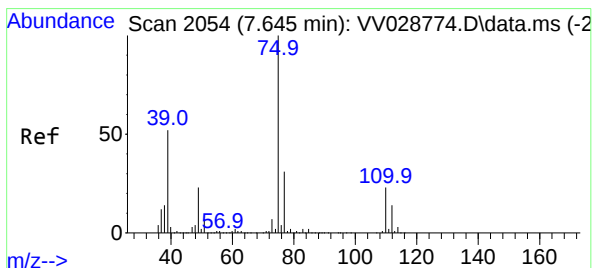
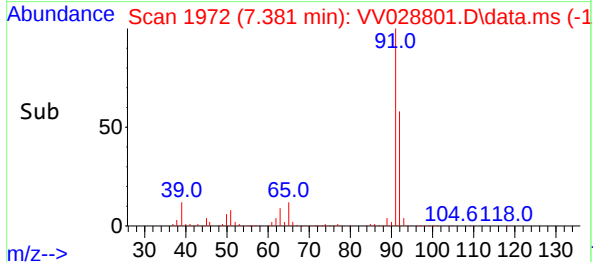
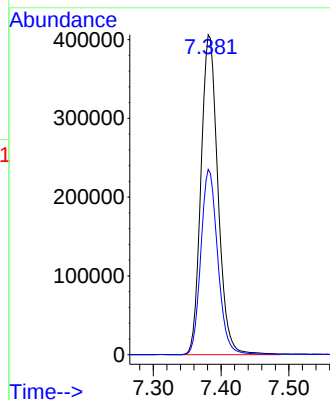
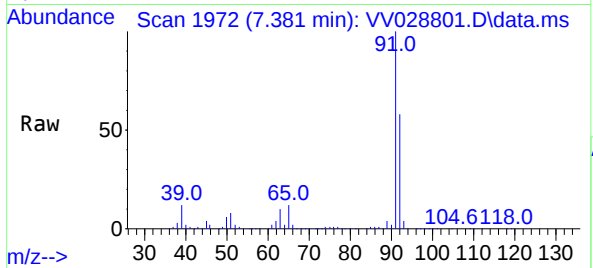




#42
Toluene
Concen: 50.434 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

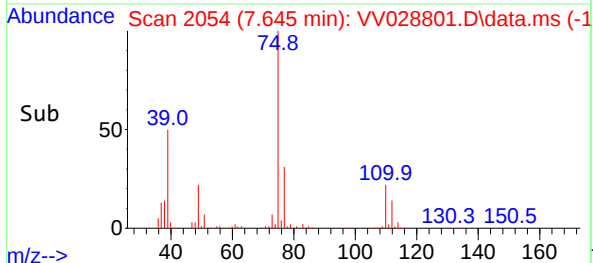
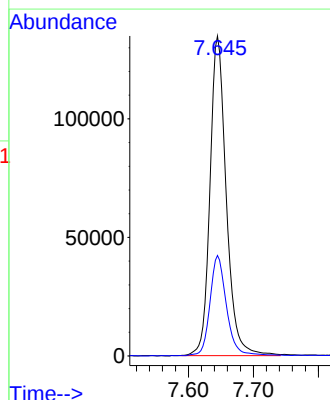
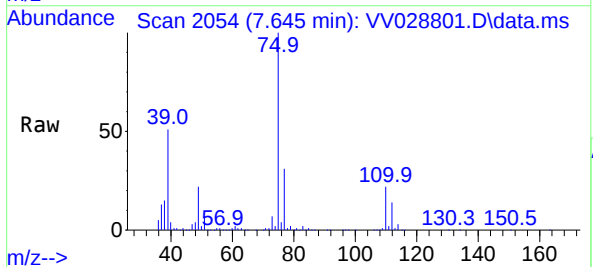
Instrument :
MSVOA_V
ClientSampleId :

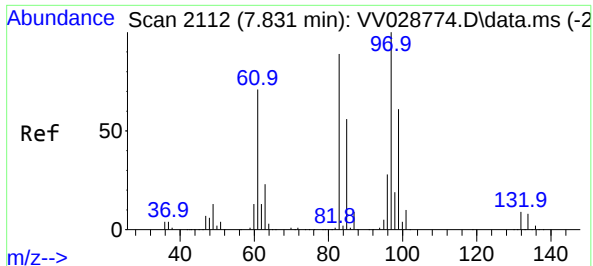
Tgt Ion: 91 Resp: 706139
Ion Ratio Lower Upper
91 100
92 57.9 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 49.074 ug/L
RT: 7.645 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 75 Resp: 235469
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0



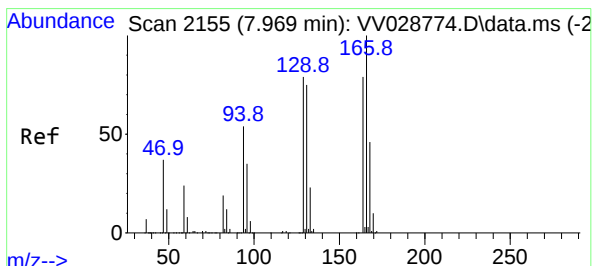
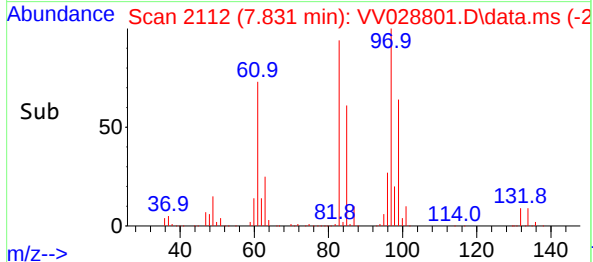
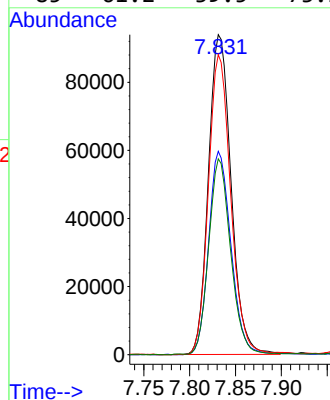
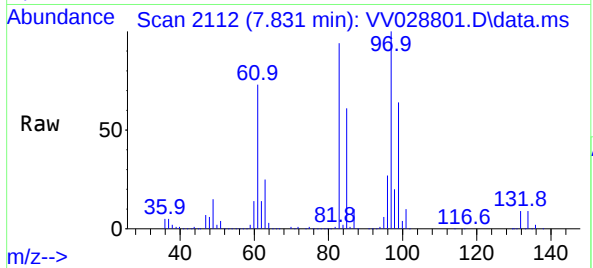


#45
1,1,2-Trichloroethane
Concen: 49.485 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 161298

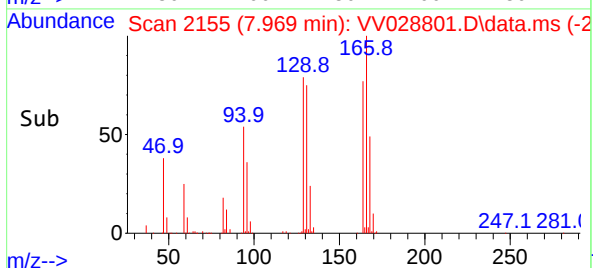
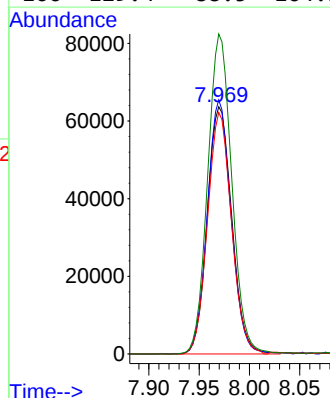
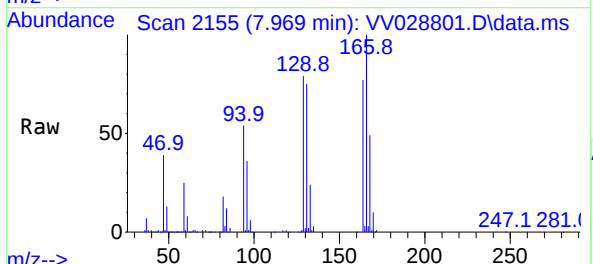
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.9	79.7
83	93.7	62.7	116.5
85	61.2	39.5	73.3

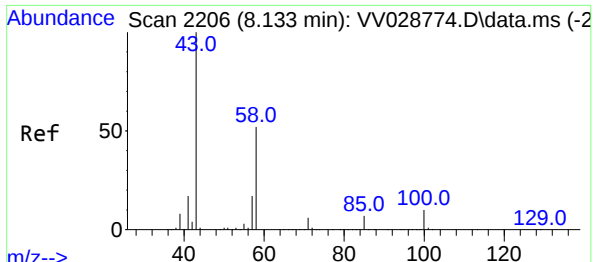


#46
Tetrachloroethene
Concen: 48.473 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:164 Resp: 107885

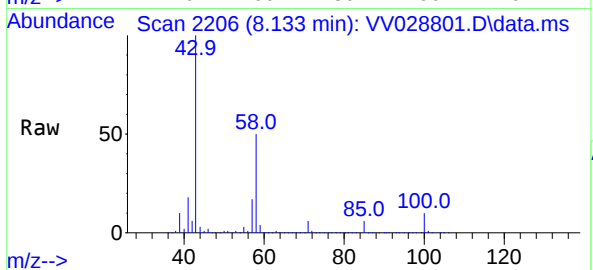
Ion	Ratio	Lower	Upper
164	100		
129	102.8	69.5	129.1
131	97.7	66.4	123.2
166	129.4	88.5	164.3



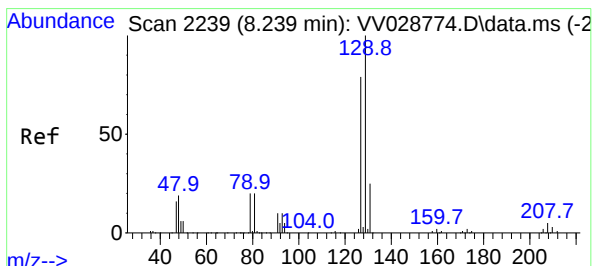
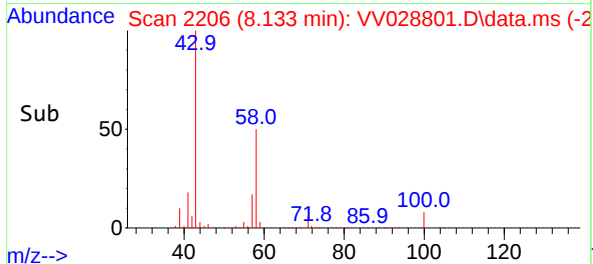
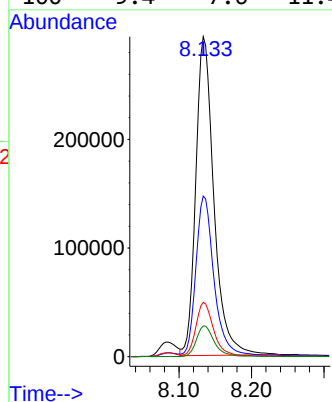


#48
2-Hexanone
Concen: 106.138 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

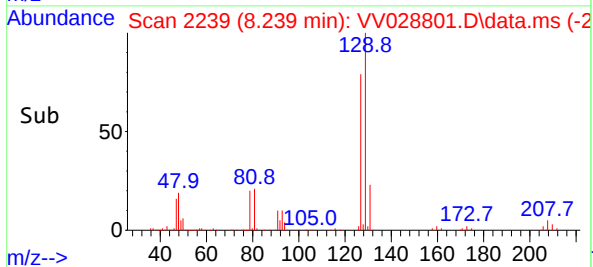
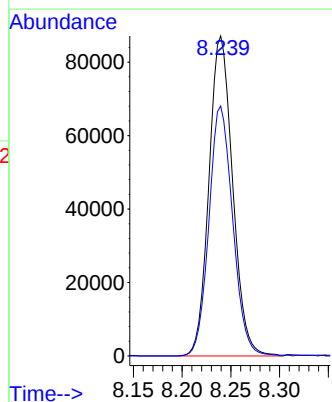
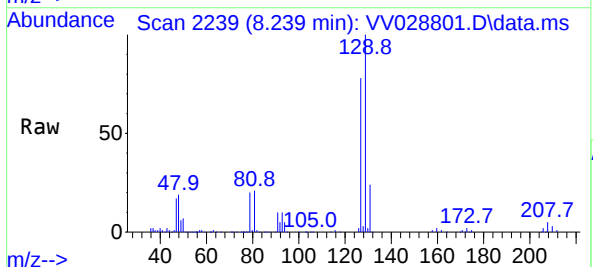


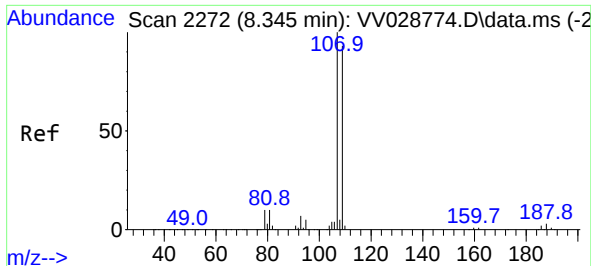
Tgt Ion: 43 Resp: 510776
Ion Ratio Lower Upper
43 100
58 49.6 41.4 62.0
57 16.7 13.8 20.6
100 9.4 7.6 11.4



#49
Dibromochloromethane
Concen: 48.870 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 129 Resp: 147454
Ion Ratio Lower Upper
129 100
127 78.1 55.3 102.7

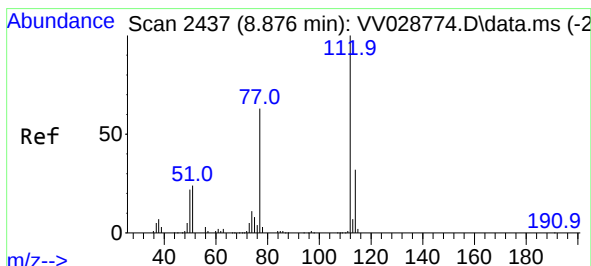
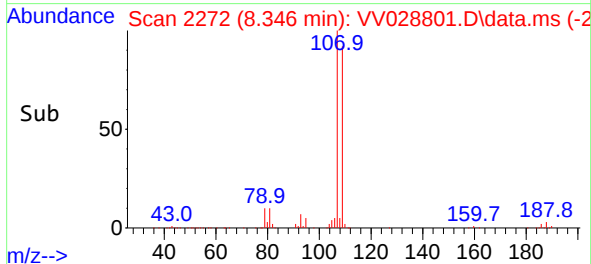
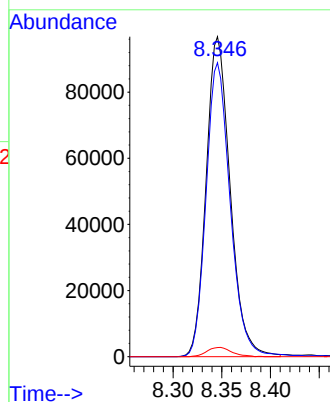
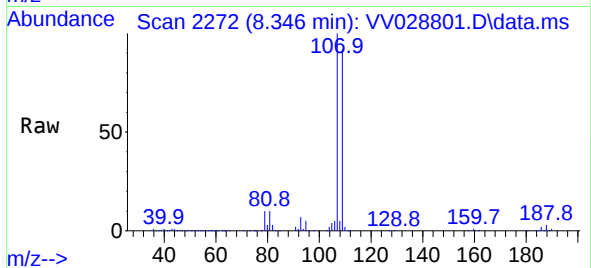




#50
1,2-Dibromoethane
Concen: 50.555 ug/L
RT: 8.346 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

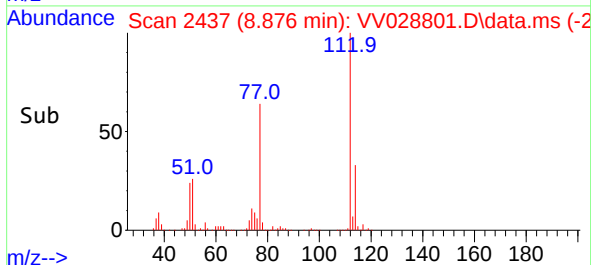
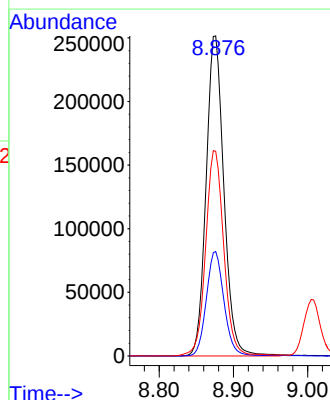
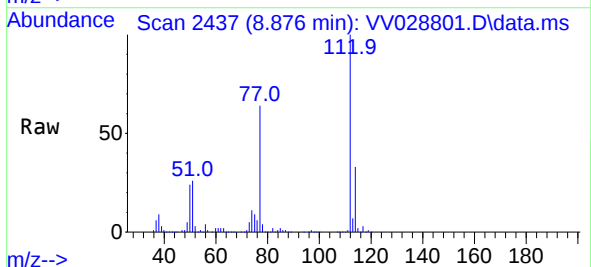
Instrument :
MSVOA_V
ClientSampleId :

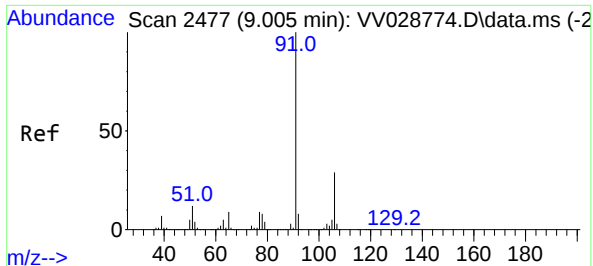
Tgt Ion:107 Resp: 166036
Ion Ratio Lower Upper
107 100
109 91.8 65.2 121.0
188 2.8 2.6 4.0



#51
Chlorobenzene
Concen: 48.818 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:112 Resp: 418543
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 64.0 50.6 75.8

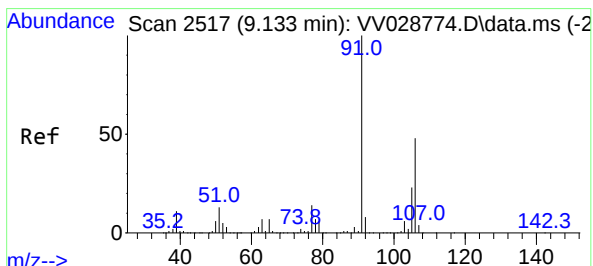
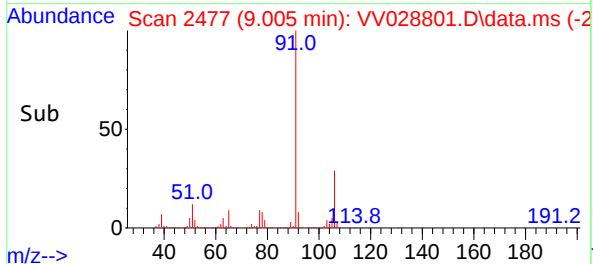
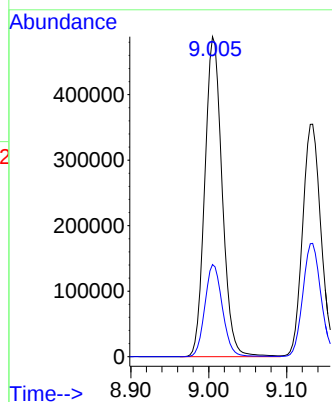
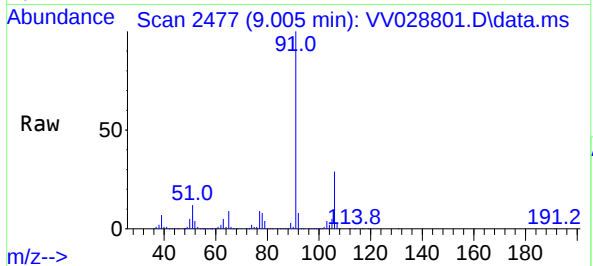




#52
Ethylbenzene
Concen: 50.243 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

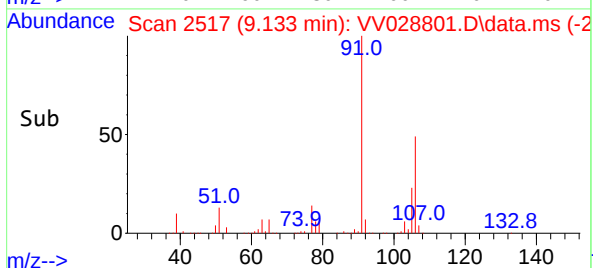
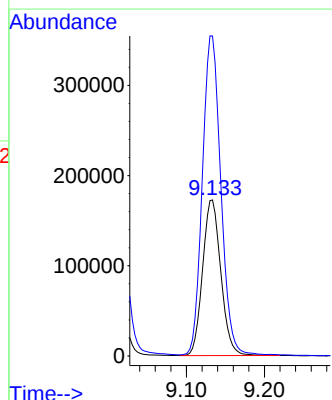
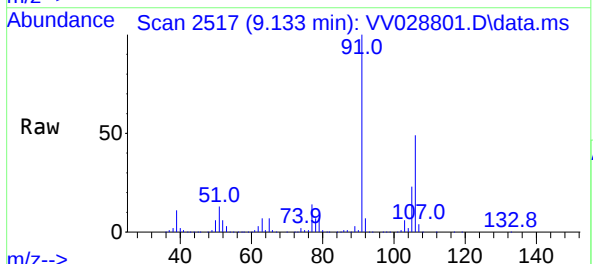
Instrument :
MSVOA_V
ClientSampleId :

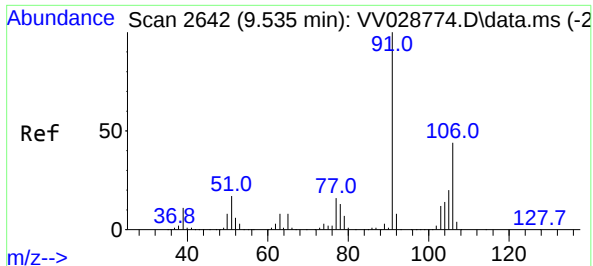
Tgt Ion: 91 Resp: 756757
Ion Ratio Lower Upper
91 100
106 28.8 20.4 38.0



#53
m,p-Xylene
Concen: 51.076 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion: 106 Resp: 280589
Ion Ratio Lower Upper
106 100
91 205.0 146.2 271.6

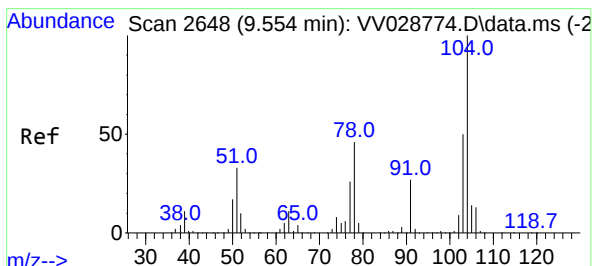
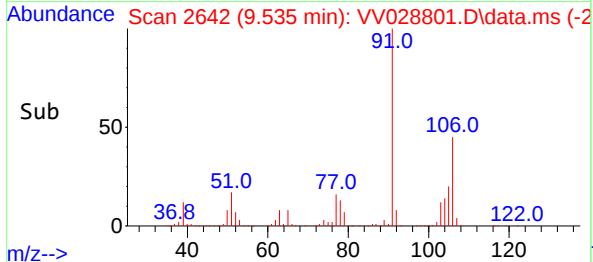
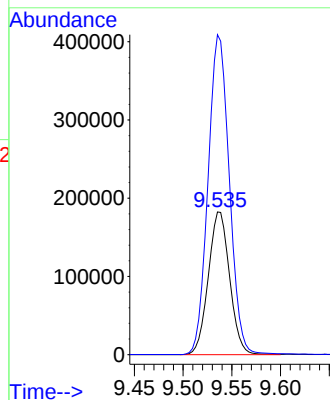
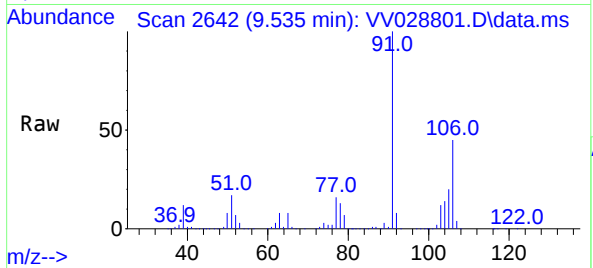




#54
o-Xylene
Concen: 50.747 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

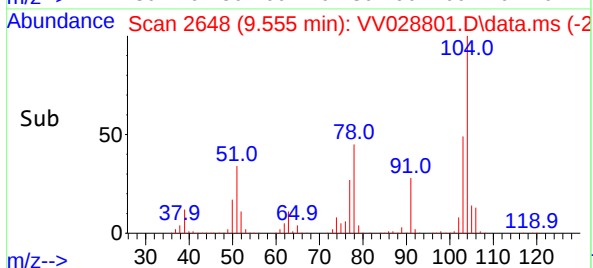
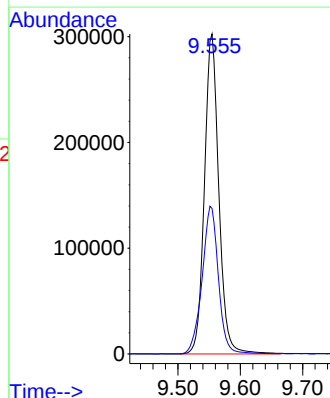
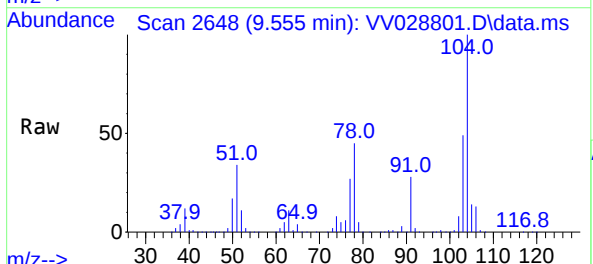
Instrument :
MSVOA_V
ClientSampleId :

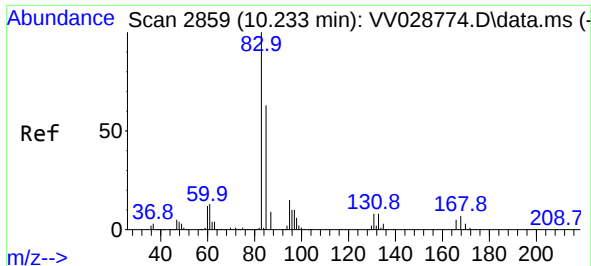
Tgt Ion:106 Resp: 278321
Ion Ratio Lower Upper
106 100
91 224.2 158.1 293.7



#55
Styrene
Concen: 51.631 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:104 Resp: 485606
Ion Ratio Lower Upper
104 100
78 45.5 31.9 59.3





#57

1,1,2,2-Tetrachloroethane

Concen: 51.218 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

Instrument :

MSVOA_V

ClientSampleId :

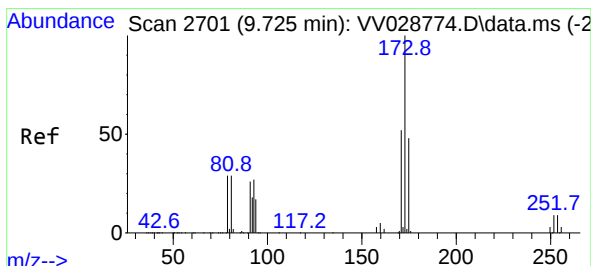
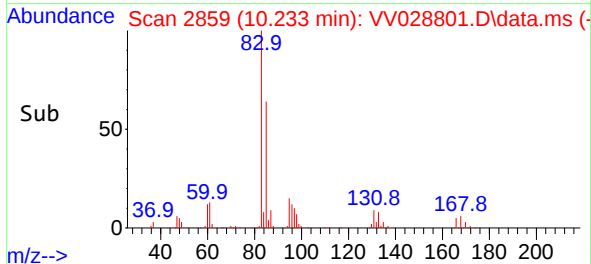
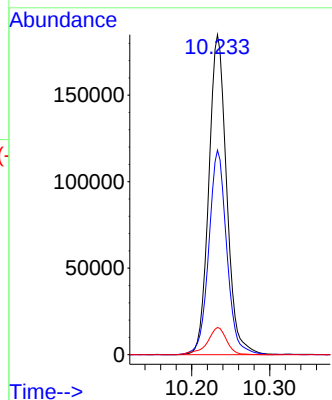
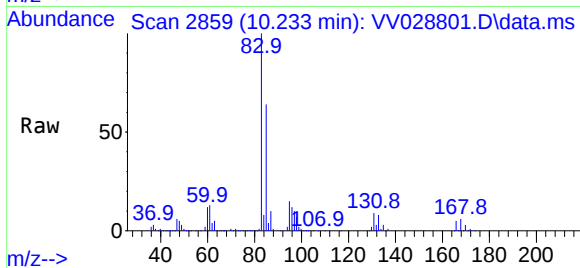
Tgt Ion: 83 Resp: 294653

Ion Ratio Lower Upper

83 100

85 63.9 44.4 82.4

131 8.5 6.5 9.7



#59

Bromoform

Concen: 48.712 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

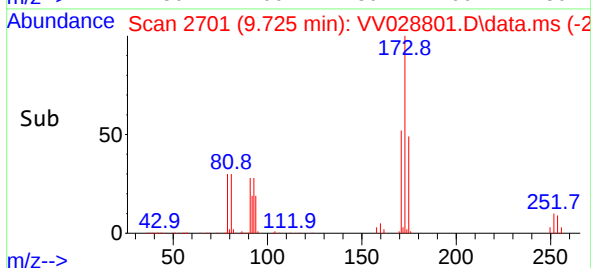
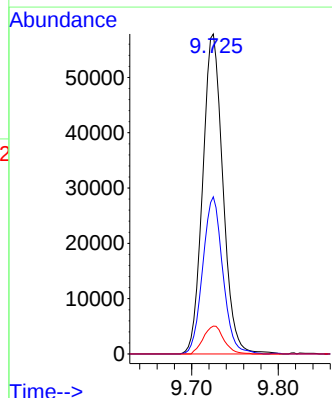
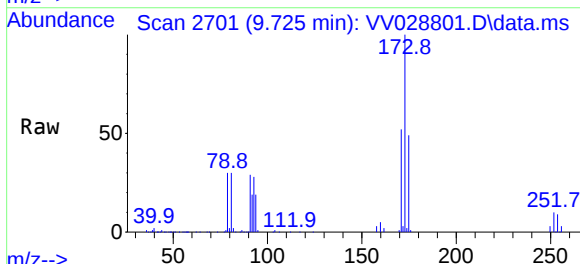
Tgt Ion: 173 Resp: 93947

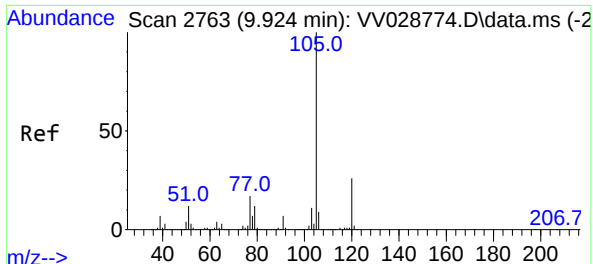
Ion Ratio Lower Upper

173 100

175 48.9 38.7 58.1

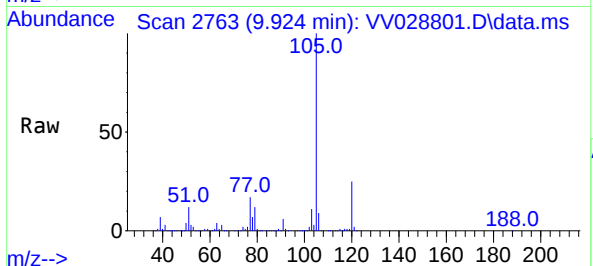
254 8.9 7.2 10.8



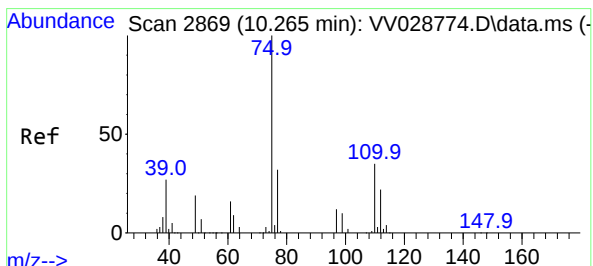
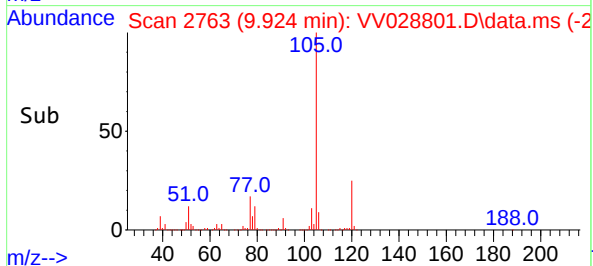
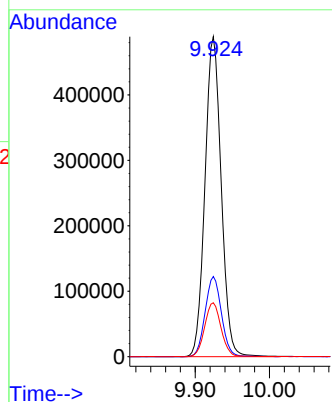


#60
Isopropylbenzene
Concen: 50.144 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

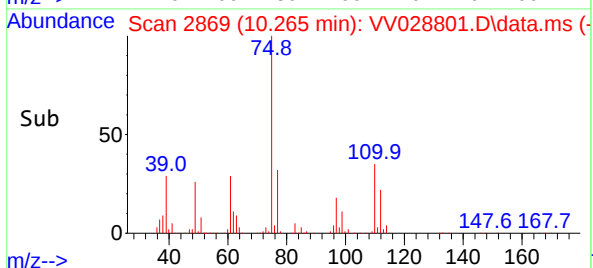
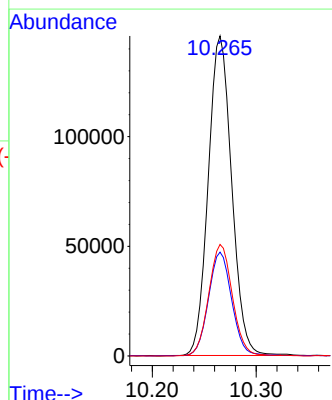
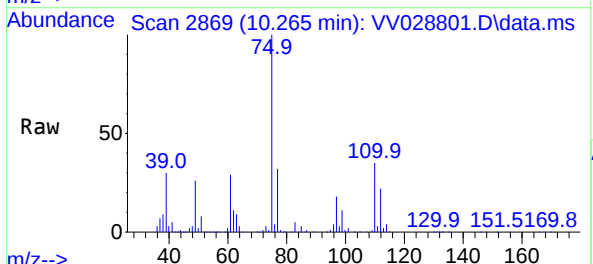


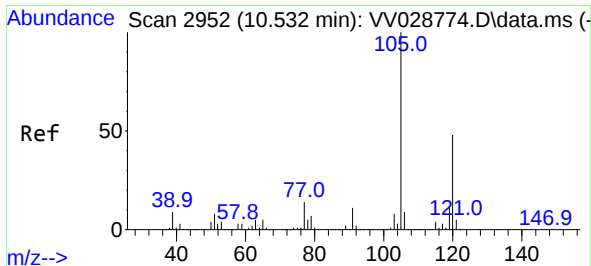
Tgt Ion:105 Resp: 740275
Ion Ratio Lower Upper
105 100
120 25.2 20.5 30.7
77 17.0 13.4 20.2



#61
1,2,3-Trichloropropane
Concen: 49.384 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

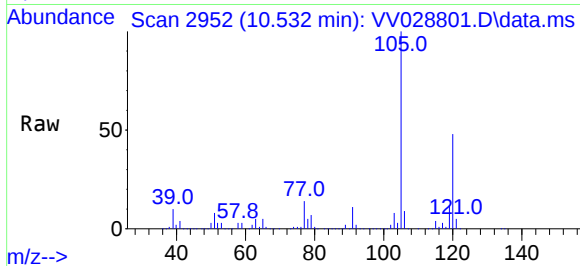
Tgt Ion: 75 Resp: 227987
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 35.3 28.2 42.2



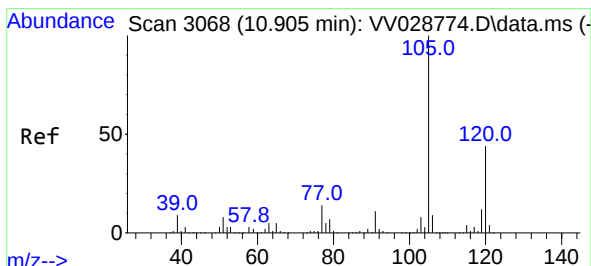
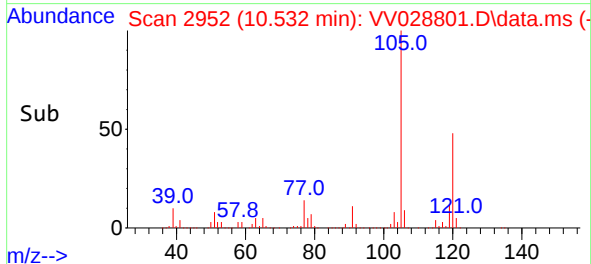
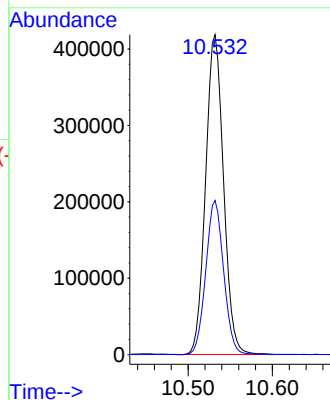


#62
1,3,5-Trimethylbenzene
Concen: 50.419 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :

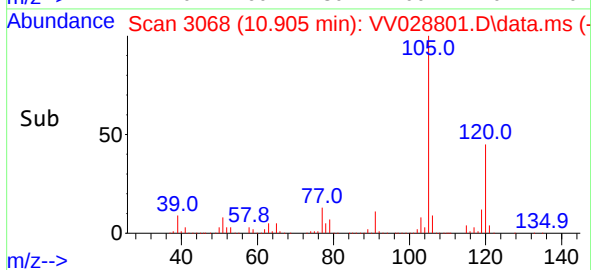
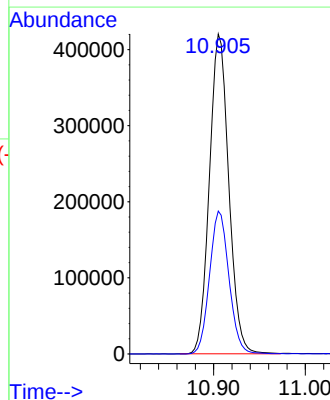
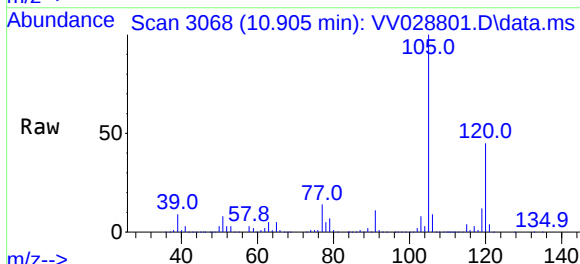


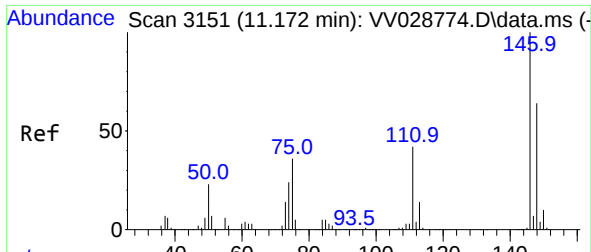
Tgt Ion:105 Resp: 621398
Ion Ratio Lower Upper
105 100
120 48.1 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.306 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:105 Resp: 616816
Ion Ratio Lower Upper
105 100
120 44.6 35.4 53.0

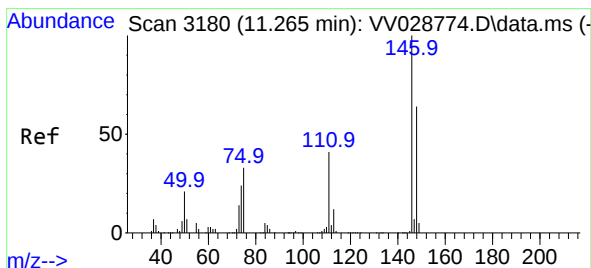
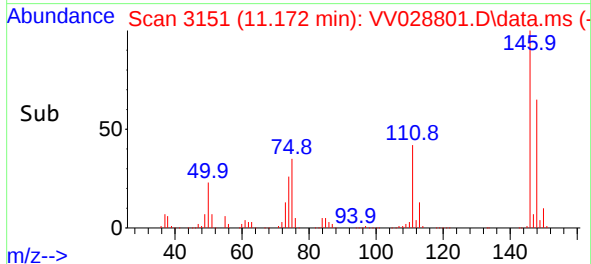
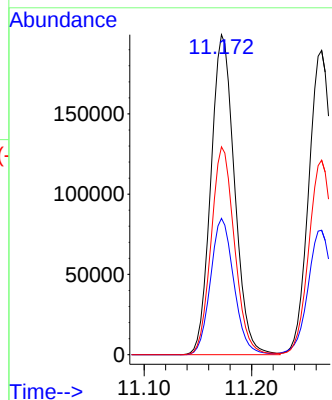
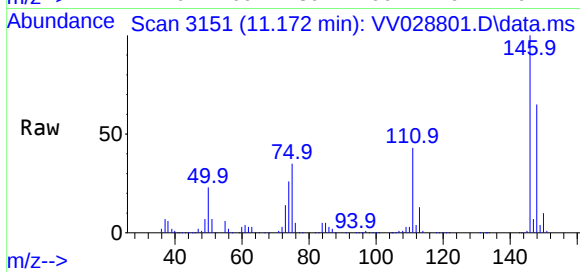




#64
1,3-Dichlorobenzene
Concen: 48.945 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

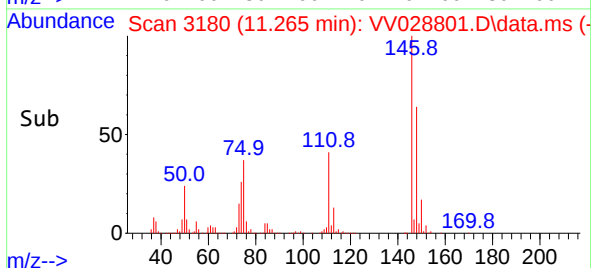
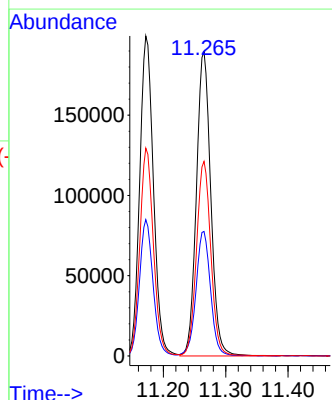
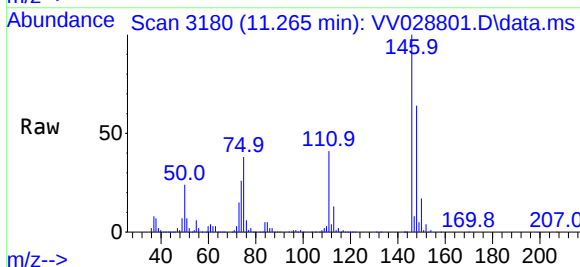
Instrument :
MSVOA_V
ClientSampleId :

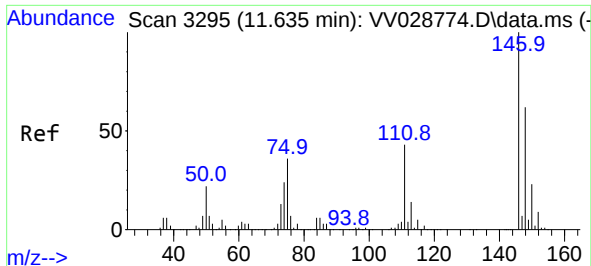
Tgt Ion:146 Resp: 304821
Ion Ratio Lower Upper
146 100
111 42.6 29.6 55.0
148 65.0 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 47.957 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:146 Resp: 304316
Ion Ratio Lower Upper
146 100
111 40.9 28.7 53.3
148 63.9 45.1 83.7





#67

1,2-Dichlorobenzene

Concen: 48.453 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

Instrument :

MSVOA_V

ClientSampleId :

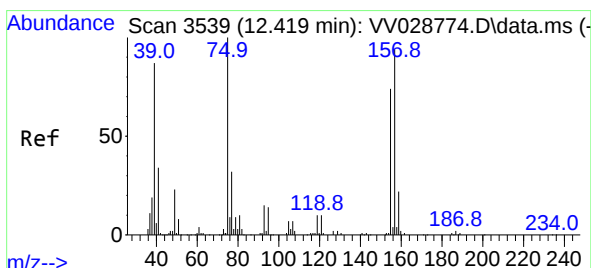
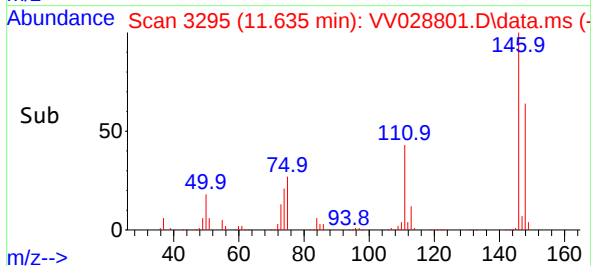
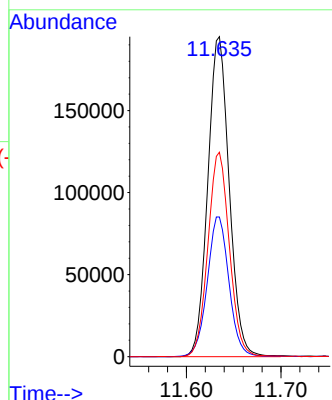
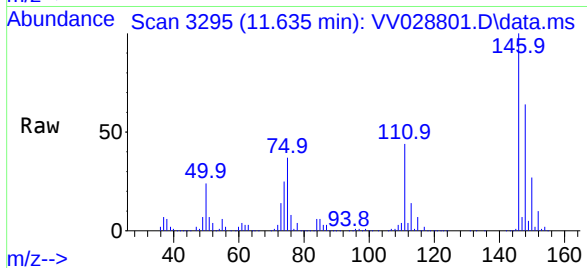
Tgt Ion:146 Resp: 306976

Ion Ratio Lower Upper

146 100

111 43.6 34.2 51.2

148 63.9 49.5 74.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.447 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

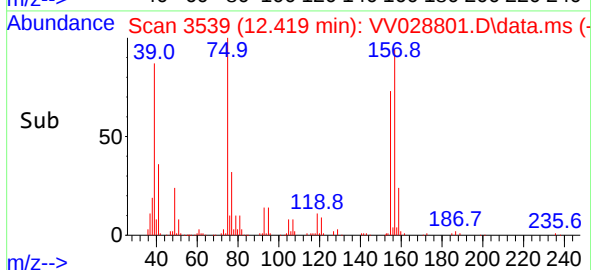
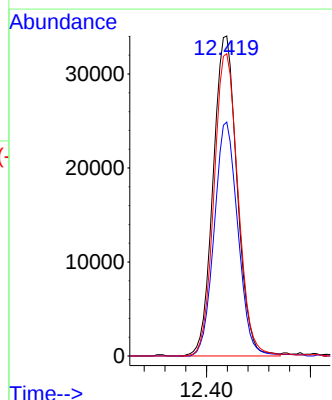
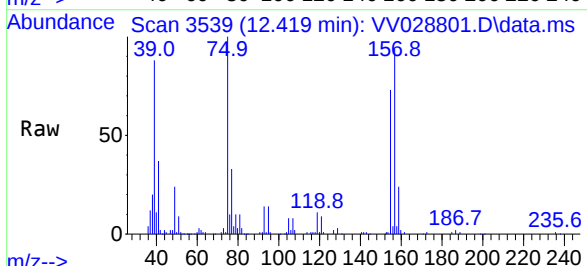
Tgt Ion: 75 Resp: 54629

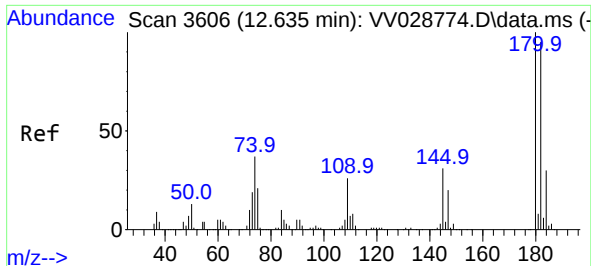
Ion Ratio Lower Upper

75 100

155 73.1 59.4 89.0

157 94.4 74.9 112.3





#69

1,3,5-Trichlorobenzene

Concen: 46.213 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

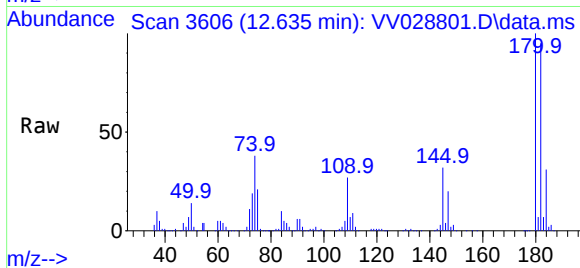
Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 206383

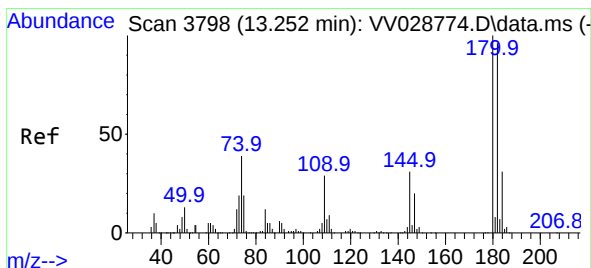
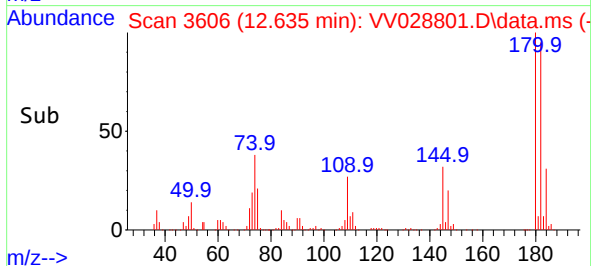
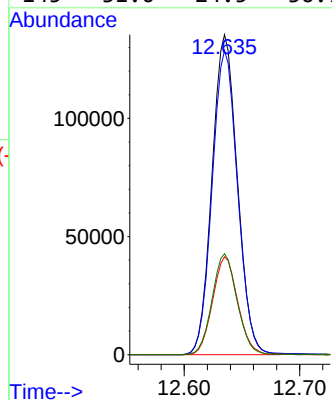
Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

184 30.3 23.9 35.9

145 31.0 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 46.556 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028801.D

Acq: 31 Oct 2022 23:33

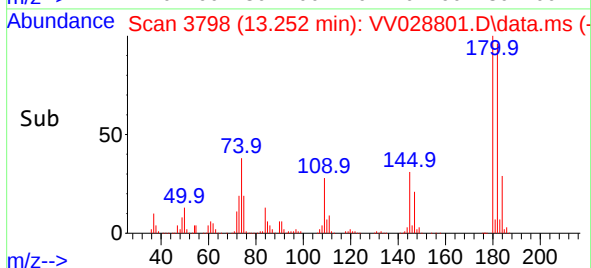
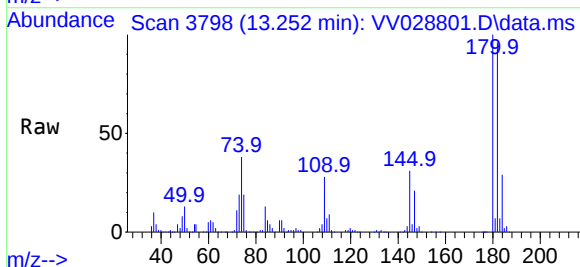
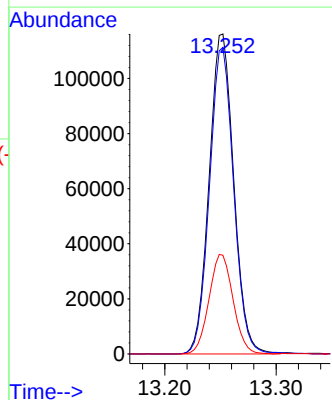
Tgt Ion:180 Resp: 177928

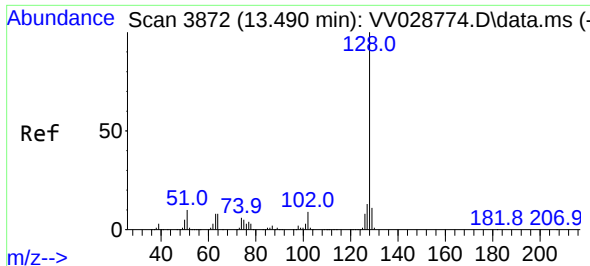
Ion Ratio Lower Upper

180 100

182 93.9 76.6 115.0

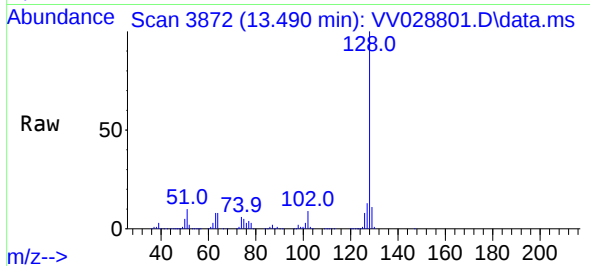
145 30.5 25.1 37.7



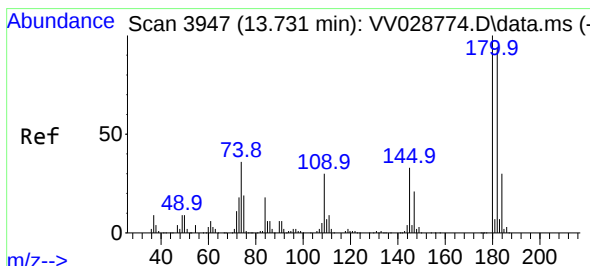
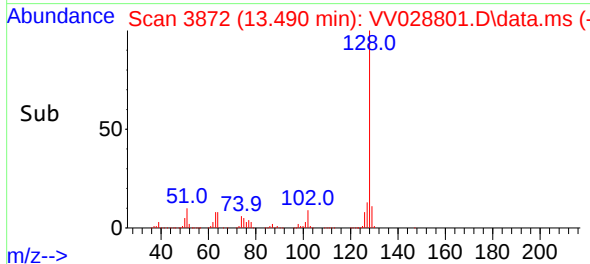
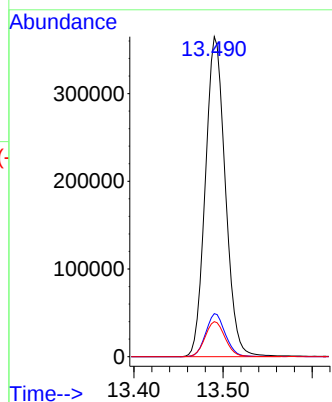


#71
Naphthalene
Concen: 45.551 ug/L
RT: 13.490 min Scan# 3872
Delta R.T. 0.000 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 566803
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.591 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VV028801.D
Acq: 31 Oct 2022 23:33

Tgt Ion:180 Resp: 184098
Ion Ratio Lower Upper
180 100
182 95.1 75.5 113.3
145 33.5 26.2 39.4

