

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029469.D
 Acq On : 08 Dec 2022 13:52
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 09 02:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	494189	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	462214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	243660	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99548	32.895	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.800%		
7) Chloroethane-d5	1.561	69	91984	39.862	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.720%		
11) 1,1-Dichloroethene-d2	2.104	63	141304	29.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.880%#		
21) 2-Butanone-d5	3.866	46	206031	111.605	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.610%		
24) Chloroform-d	4.339	84	249845	43.873	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.740%		
26) 1,2-Dichloroethane-d4	5.024	65	156774	48.202	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.400%		
32) Benzene-d6	5.043	84	521550	42.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.400%		
36) 1,2-Dichloropropane-d6	6.063	67	171040	45.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.700%		
41) Toluene-d8	7.307	98	471026	40.932	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.860%		
43) trans-1,3-Dichloroprop...	7.612	79	80444	42.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.400%		
47) 2-Hexanone-d5	8.082	63	168533	105.793	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.790%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	257100	48.227	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.460%		
66) 1,2-Dichlorobenzene-d4	11.612	152	207696	44.778	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.560%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	8195	2.105	ug/L	94
3) Chloromethane	1.240	50	9833	2.216	ug/L	96
5) Vinyl chloride	1.307	62	8014	2.158	ug/L #	65
6) Bromomethane	1.516	94	4519	3.025	ug/L	90
8) Chloroethane	1.580	64	4817	2.330	ug/L	99
9) Trichlorofluoromethane	1.751	101	10431	2.244	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	7364	2.851	ug/L #	82
12) 1,1-Dichloroethene	2.114	96	7105	2.690	ug/L #	1
13) Acetone	2.159	43	7528	6.260	ug/L	98
14) Carbon disulfide	2.291	76	18756	2.133	ug/L	98
15) Methyl Acetate	2.429	43	7188	2.623	ug/L	99
16) Methylene chloride	2.500	84	10525	3.205	ug/L	92
17) trans-1,2-Dichloroethene	2.760	96	6566	2.157	ug/L	87
18) Methyl tert-butyl Ether	2.764	73	23356	2.505	ug/L	98
19) 1,1-Dichloroethane	3.185	63	12712	2.438	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	8274	2.472	ug/L	94
23) Bromochloromethane	4.249	128	4168	2.418	ug/L	97
25) Chloroform	4.368	83	14285	2.643	ug/L	95
27) 1,2-Dichloroethane	5.133	62	9407	2.463	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029469.D
 Acq On : 08 Dec 2022 13:52
 Operator : SY/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Dec 09 02:00:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

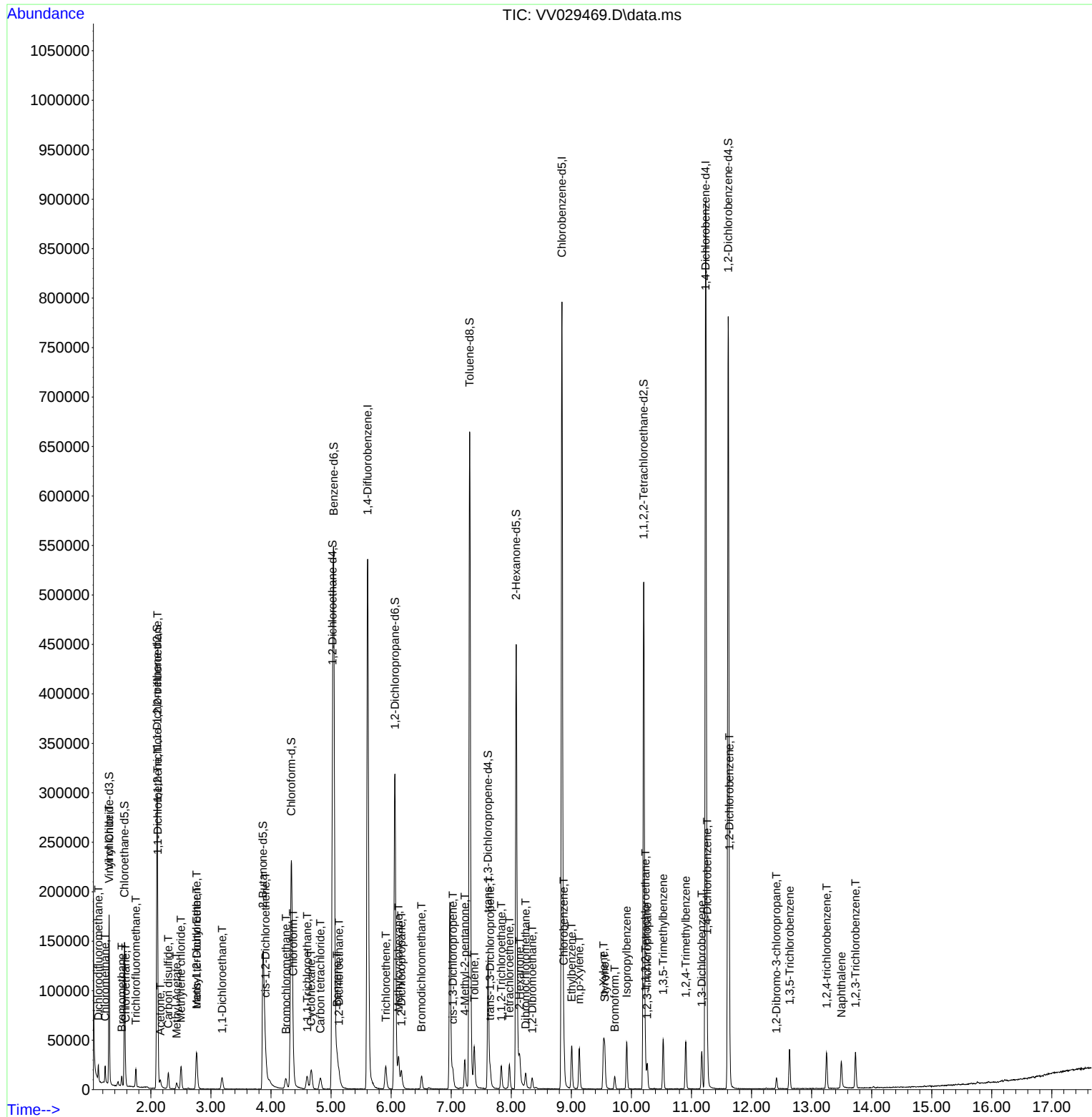
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.667	56	11169	2.231	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	10843	2.153	ug/L	94
31) Carbon tetrachloride	4.821	117	9165	2.084	ug/L	99
33) Benzene	5.098	78	29225	2.243	ug/L	100
34) Trichloroethene	5.911	95	7172	2.197	ug/L	98
35) Methylcyclohexane	6.124	83	12774	2.304	ug/L	94
37) 1,2-Dichloropropane	6.172	63	7881	2.506	ug/L	99
38) Bromodichloromethane	6.506	83	9766	2.250	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	11050	2.137	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	18950	5.054	ug/L	96
42) Toluene	7.384	91	32143	2.292	ug/L	95
44) trans-1,3-Dichloropropene	7.648	75	9359	1.911	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	7720	2.376	ug/L	94
46) Tetrachloroethene	7.969	164	6283	2.394	ug/L	90
48) 2-Hexanone	8.140	43	16696	5.829	ug/L	96
49) Dibromochloromethane	8.239	129	7972	2.223	ug/L	99
50) 1,2-Dibromoethane	8.349	107	8110	2.423	ug/L	99
51) Chlorobenzene	8.873	112	20921	2.356	ug/L	95
52) Ethylbenzene	9.005	91	32251	2.188	ug/L	99
53) m,p-Xylene	9.133	106	12870	2.206	ug/L	99
54) o-Xylene	9.535	106	12204	2.114	ug/L	99
55) Styrene	9.558	104	21262	2.120	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.233	83	14152	2.723	ug/L	99
59) Bromoform	9.722	173	5959	2.214	ug/L	94
60) Isopropylbenzene	9.921	105	31909	2.231	ug/L	98
61) 1,2,3-Trichloropropane	10.265	75	10249	2.725	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	26765	2.116	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	27601	2.201	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	16450	2.352	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	17923	2.521	ug/L	92
67) 1,2-Dichlorobenzene	11.631	146	17459	2.441	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.413	75	2940	2.515	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	12401	2.228	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	11757	2.375	ug/L	97
71) Naphthalene	13.496	128	24653	2.196	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	11335	2.338	ug/L	97

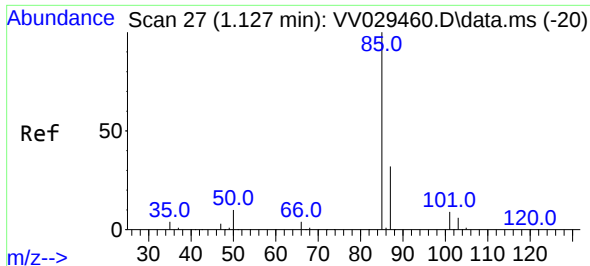
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120822\
Data File : VV029469.D
Acq On : 08 Dec 2022 13:52
Operator : SY/MD
Sample : MDL05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Quant Time: Dec 09 02:00:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 08 01:48:46 2022
Response via : Initial Calibration

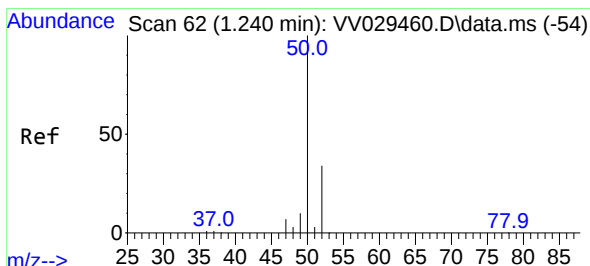
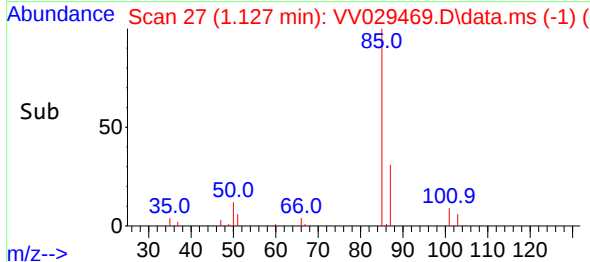
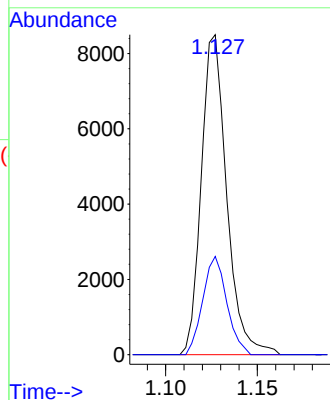
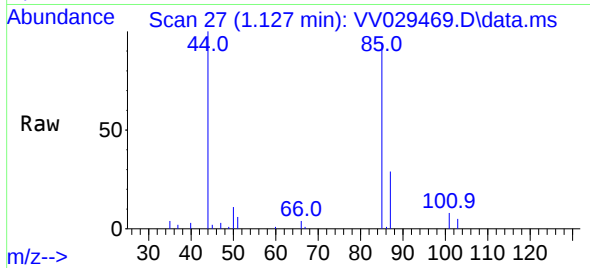




#2
 Dichlorodifluoromethane
 Concen: 2.105 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

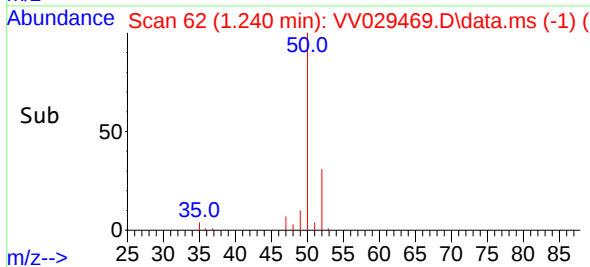
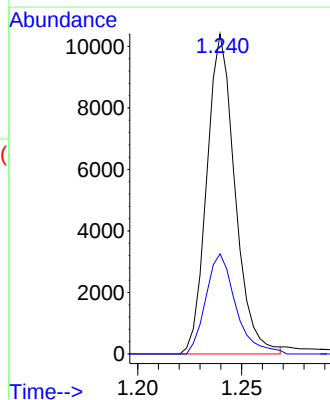
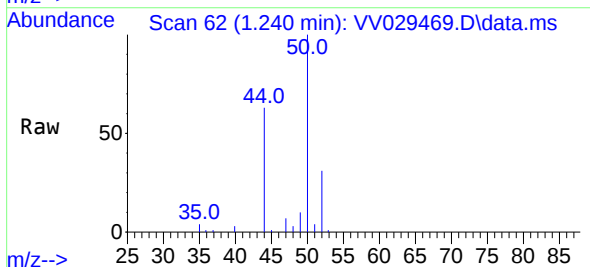
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

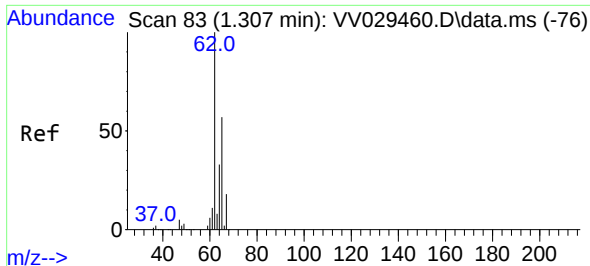
Tgt Ion: 85 Resp: 8195
 Ion Ratio Lower Upper
 85 100
 87 29.0 25.9 38.9



#3
 Chloromethane
 Concen: 2.216 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

Tgt Ion: 50 Resp: 9833
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.3 43.3

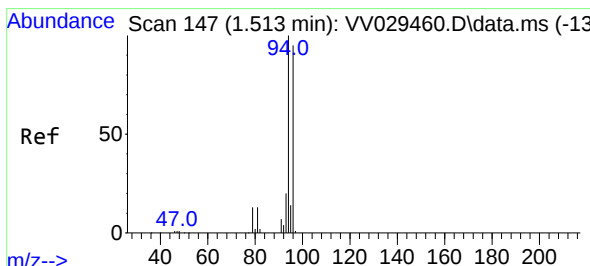
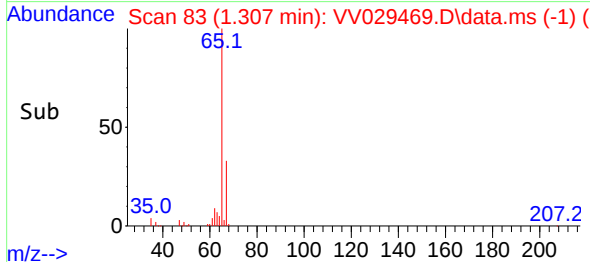
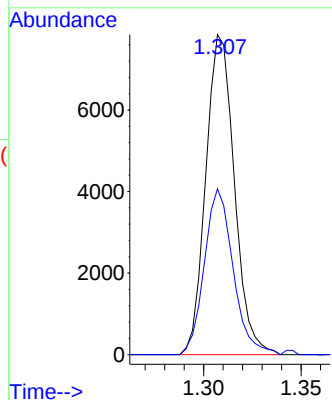
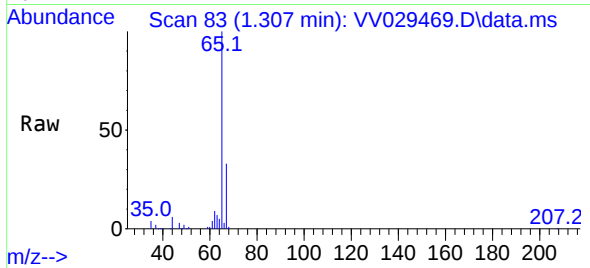




#5
 Vinyl chloride
 Concen: 2.158 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

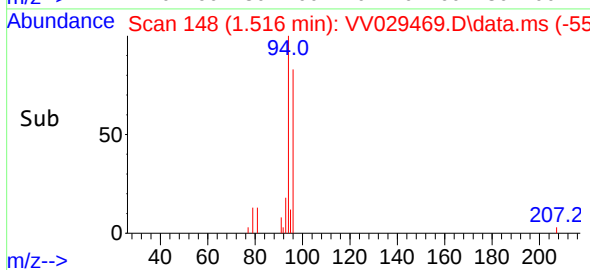
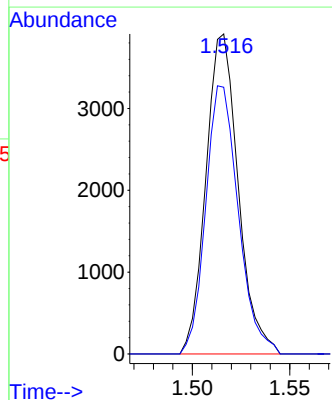
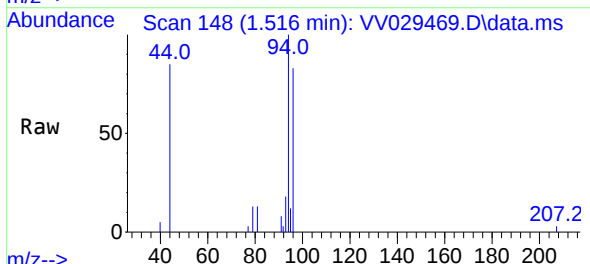
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

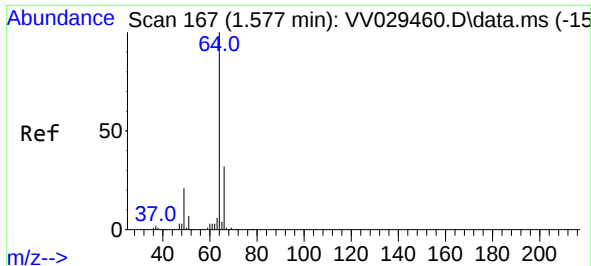
Tgt Ion: 62 Resp: 8014
 Ion Ratio Lower Upper
 62 100
 64 51.8 22.5 41.9#



#6
 Bromomethane
 Concen: 3.025 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

Tgt Ion: 94 Resp: 4519
 Ion Ratio Lower Upper
 94 100
 96 83.4 65.1 120.9

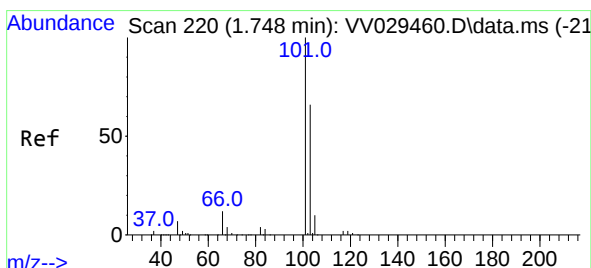
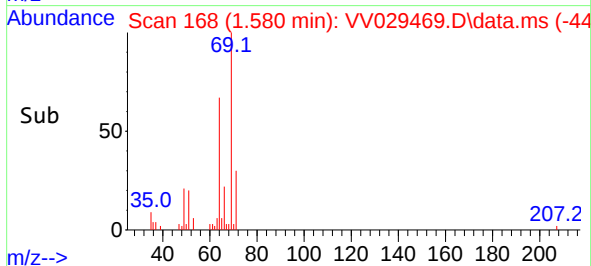
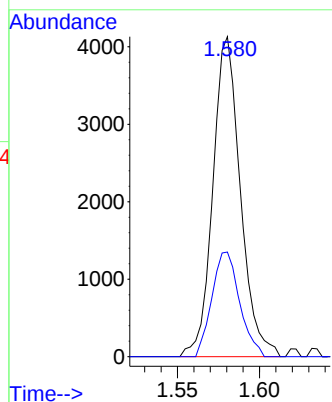
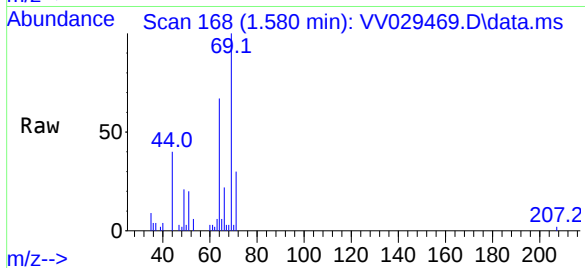




#8
Chloroethane
Concen: 2.330 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

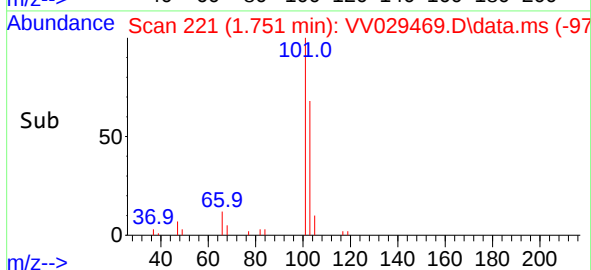
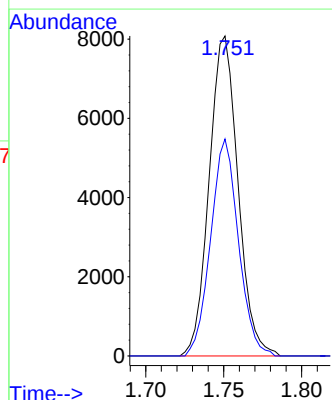
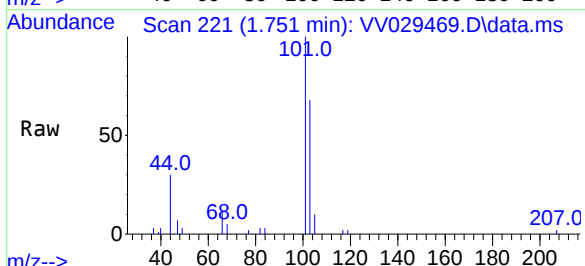
Instrument :
MSVOA_V
ClientSampleId :
MDL05

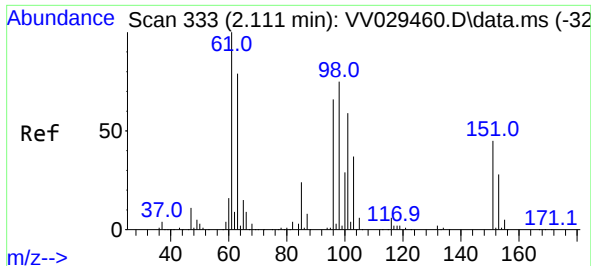
Tgt Ion: 64 Resp: 4817
Ion Ratio Lower Upper
64 100
66 32.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.244 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:101 Resp: 10431
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

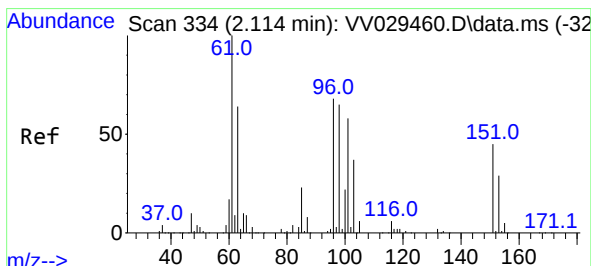
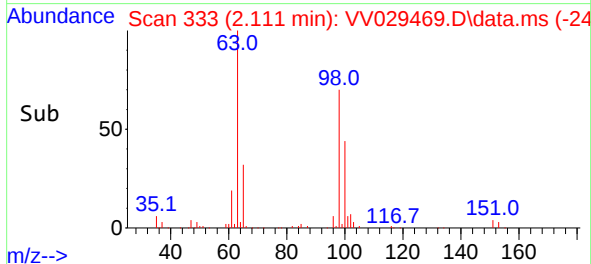
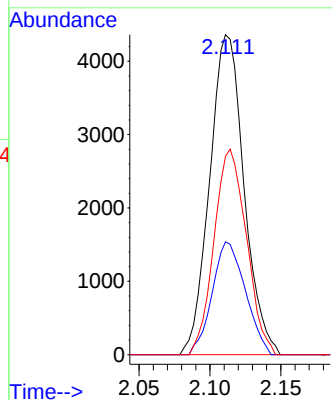
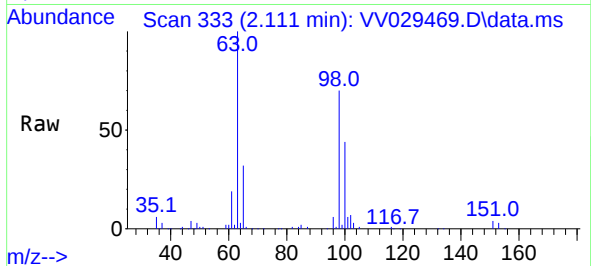




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.851 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

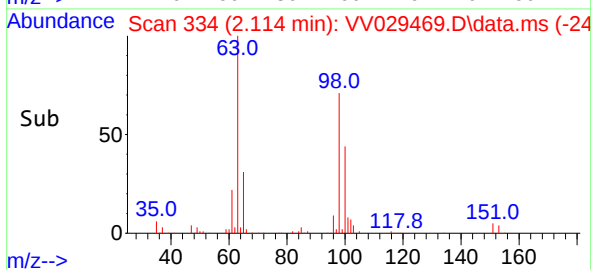
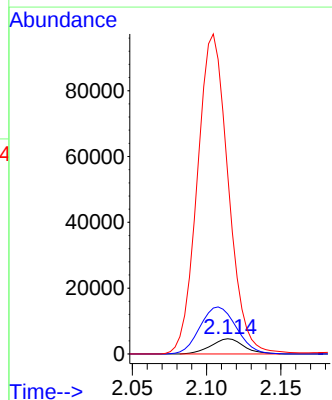
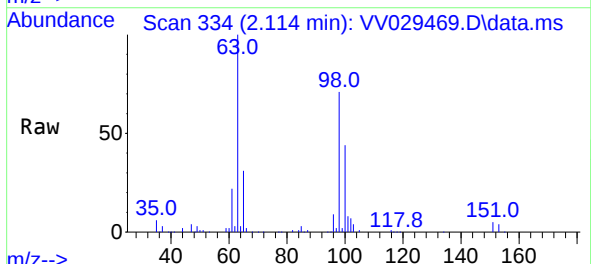
Instrument :
MSVOA_V
ClientSampleId :
MDL05

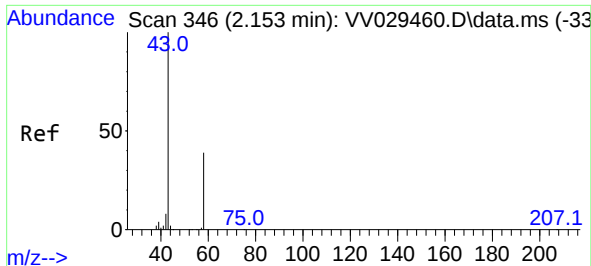
Tgt Ion:101 Resp: 7364
Ion Ratio Lower Upper
101 100
85 34.0 33.6 50.4
151 60.6 63.5 95.3#



#12
1,1-Dichloroethene
Concen: 2.690 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 96 Resp: 7105
Ion Ratio Lower Upper
96 100
61 262.0 103.3 191.9#
63 1174.3 77.3 143.7#





#13

Acetone

Concen: 6.260 ug/L

RT: 2.159 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

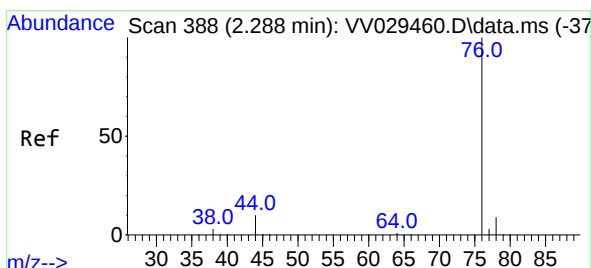
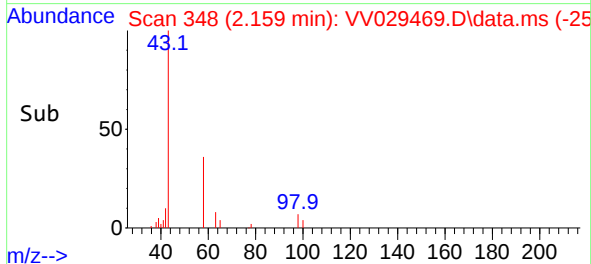
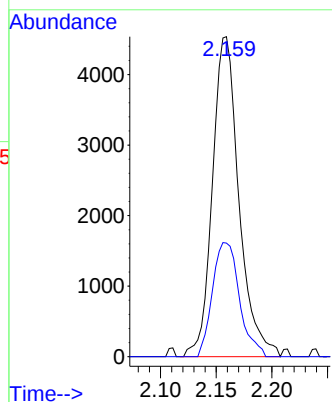
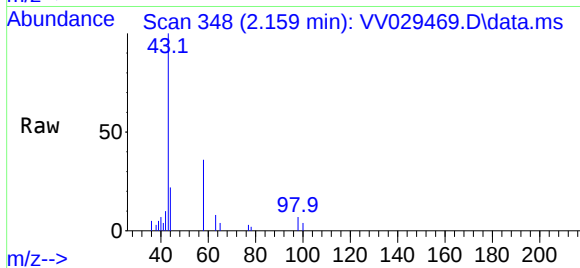
MDL05

Tgt Ion: 43 Resp: 7528

Ion Ratio Lower Upper

43 100

58 36.2 0.0 74.8



#14

Carbon disulfide

Concen: 2.133 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV029469.D

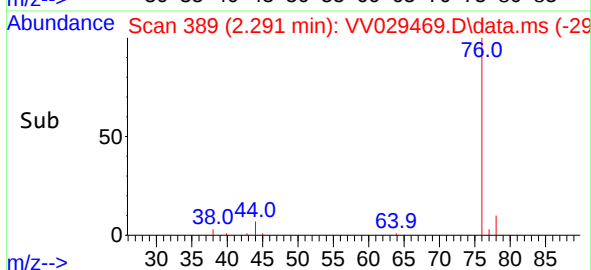
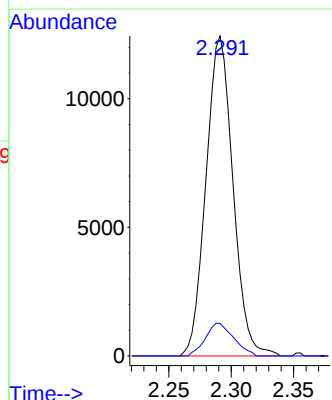
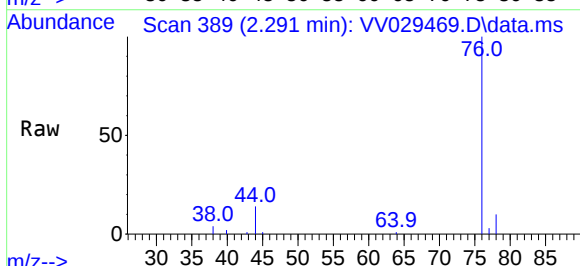
Acq: 08 Dec 2022 13:52

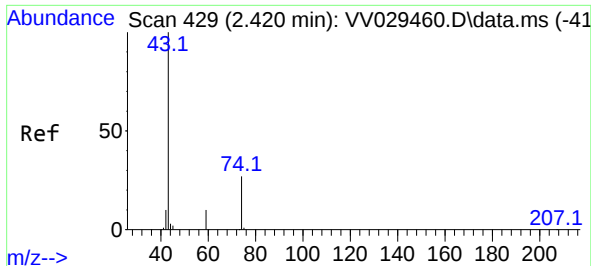
Tgt Ion: 76 Resp: 18756

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.2

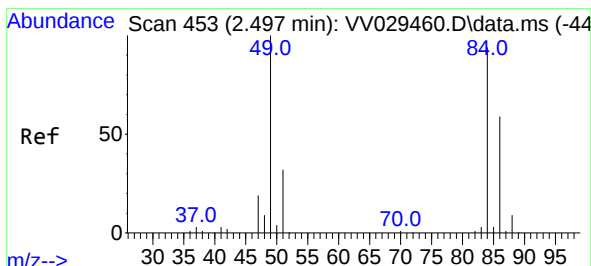
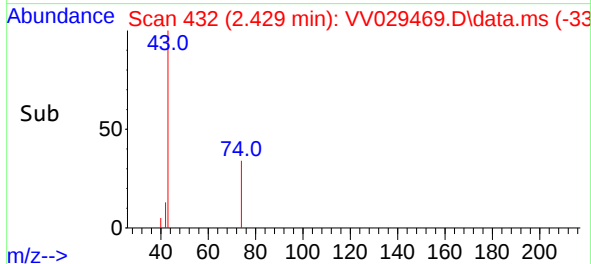
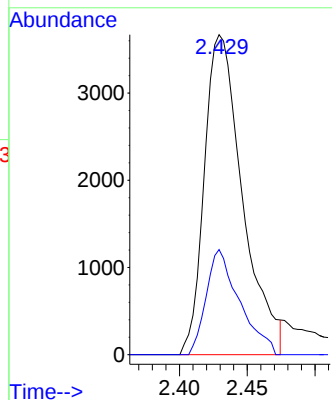
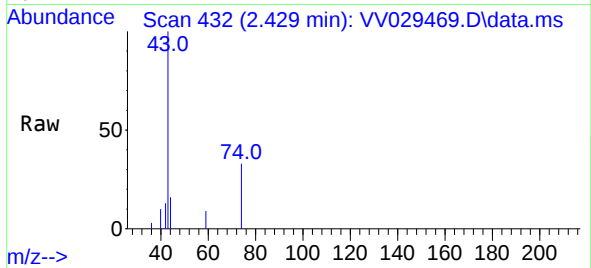




#15
Methyl Acetate
Concen: 2.623 ug/L
RT: 2.429 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

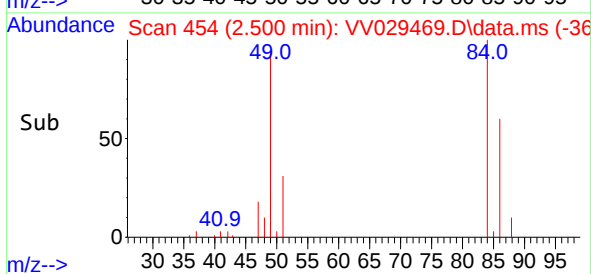
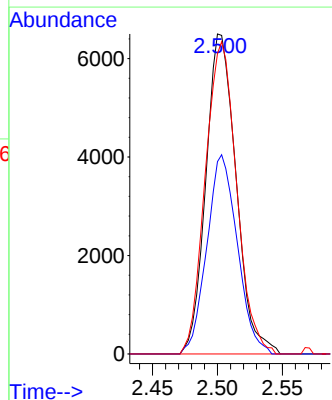
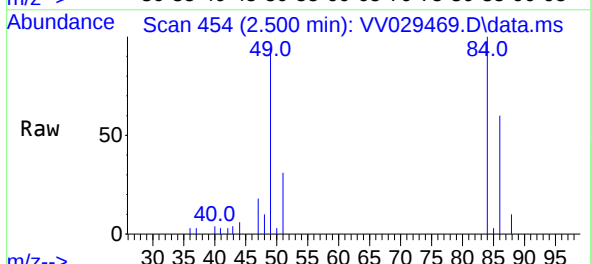
Instrument :
MSVOA_V
ClientSampleId :
MDL05

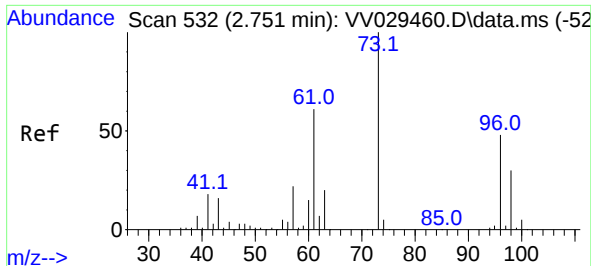
Tgt Ion: 43 Resp: 7188
Ion Ratio Lower Upper
43 100
74 28.6 23.5 35.3



#16
Methylene chloride
Concen: 3.205 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 84 Resp: 10525
Ion Ratio Lower Upper
84 100
86 60.1 46.0 85.4
49 93.9 72.2 134.0

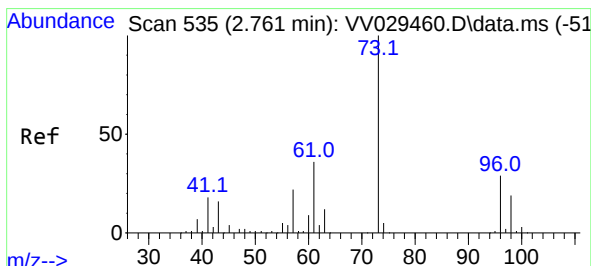
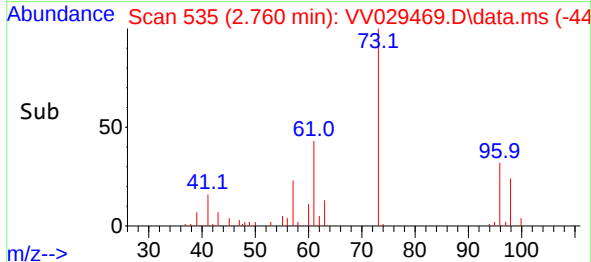
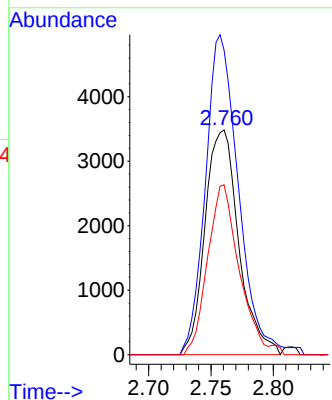
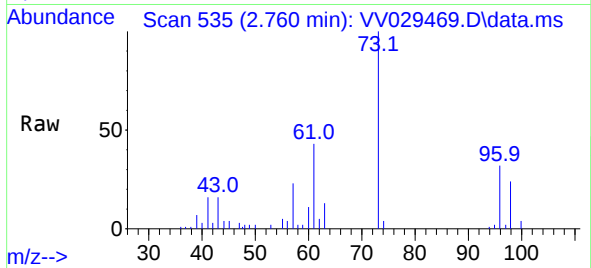




#17
trans-1,2-Dichloroethene
Concen: 2.157 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

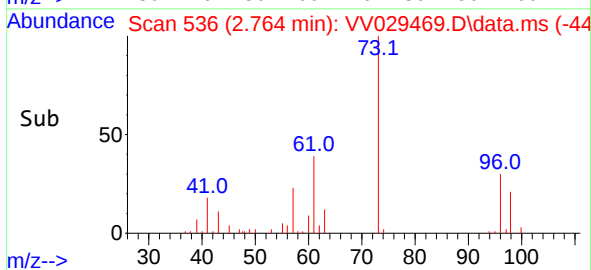
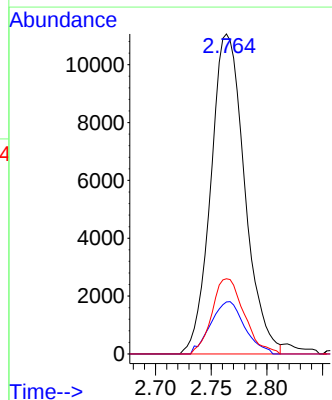
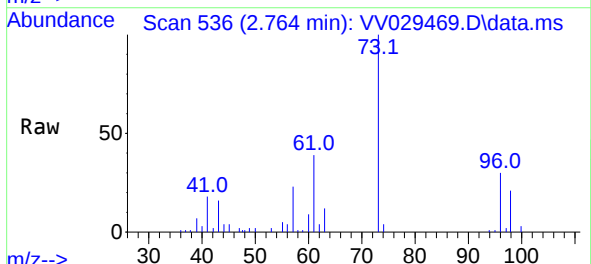
Instrument :
MSVOA_V
ClientSampleId :
MDL05

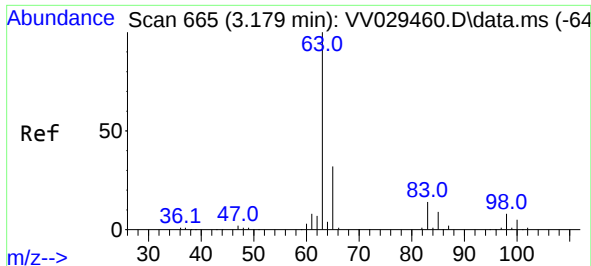
Tgt Ion: 96 Resp: 6566
Ion Ratio Lower Upper
96 100
61 135.5 86.4 160.4
98 75.6 43.4 80.6



#18
Methyl tert-butyl Ether
Concen: 2.505 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 73 Resp: 23356
Ion Ratio Lower Upper
73 100
43 16.4 12.7 19.1
57 22.4 16.7 25.1

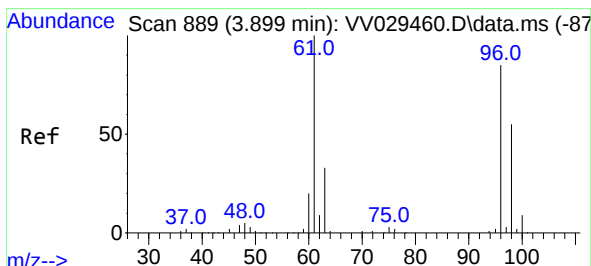
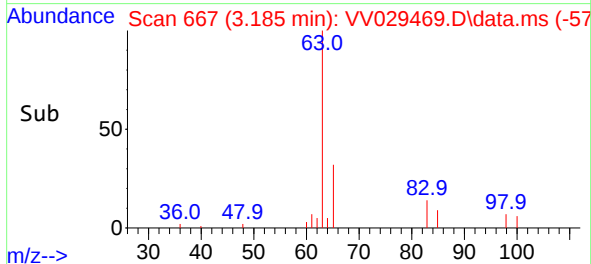
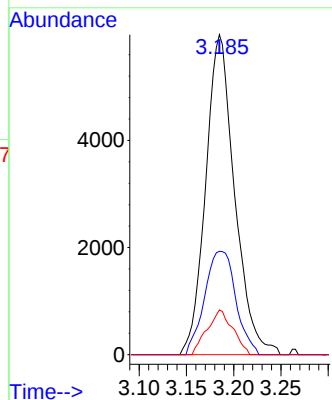
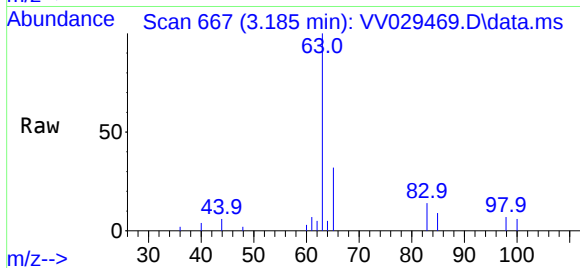




#19
1,1-Dichloroethane
Concen: 2.438 ug/L
RT: 3.185 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

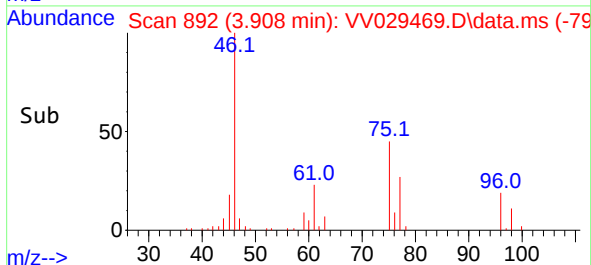
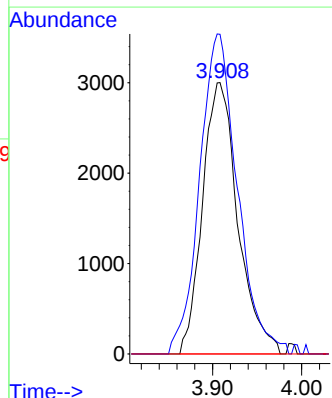
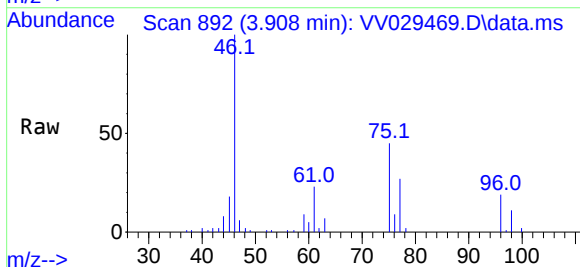
Instrument :
MSVOA_V
ClientSampleId :
MDL05

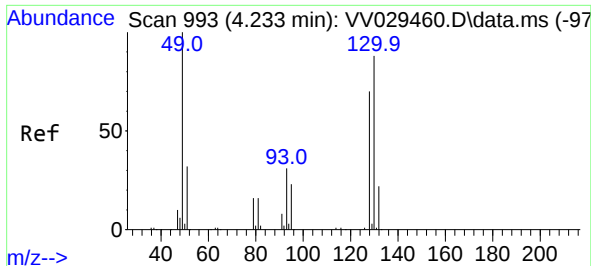
Tgt Ion: 63 Resp: 12712
Ion Ratio Lower Upper
63 100
65 32.3 22.5 41.7
83 14.0 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 2.472 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

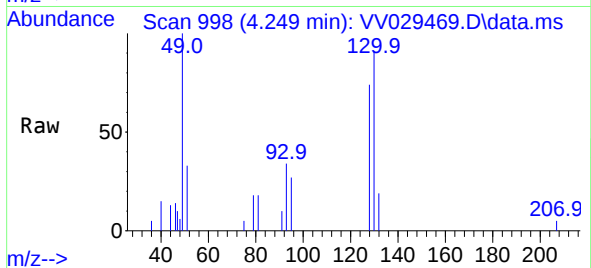
Tgt Ion: 96 Resp: 8274
Ion Ratio Lower Upper
96 100
61 117.8 78.0 144.9
68 0.0 0.0 0.0



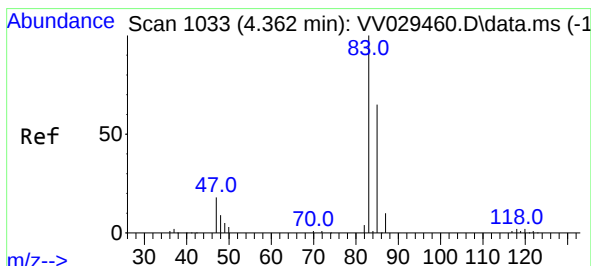
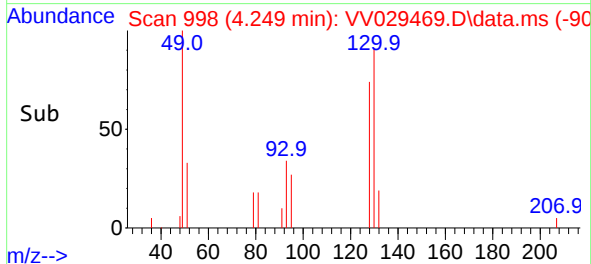
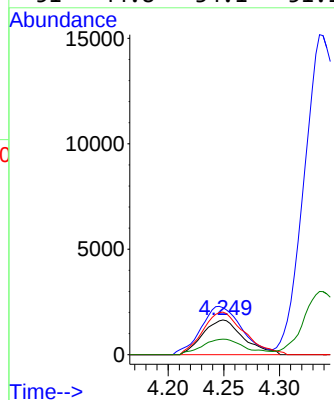


#23
Bromochloromethane
Concen: 2.418 ug/L
RT: 4.249 min Scan# 993
Delta R.T. 0.010 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

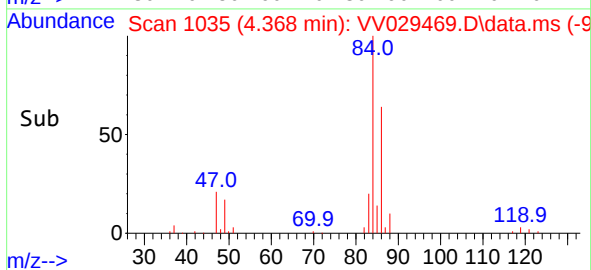
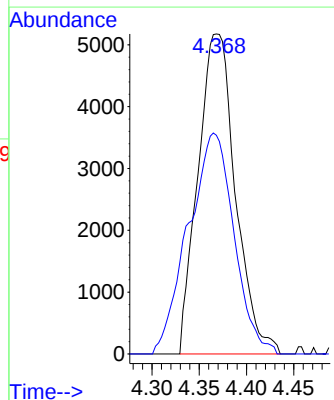
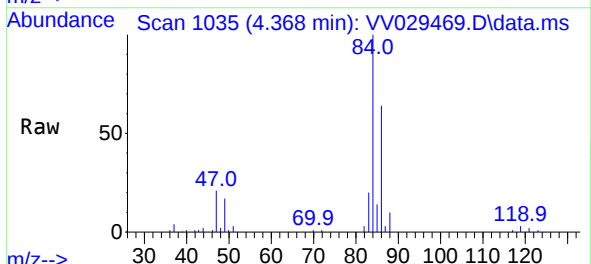


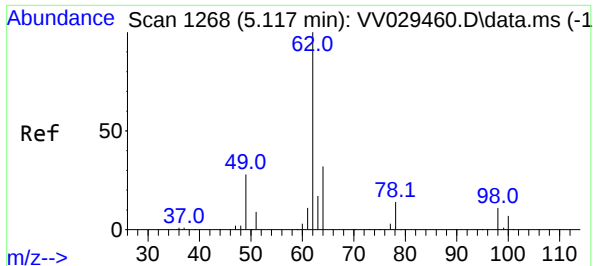
Tgt Ion:128 Resp: 4168
Ion Ratio Lower Upper
128 100
49 135.6 92.2 171.2
130 122.8 88.3 164.1
51 44.8 34.1 51.1



#25
Chloroform
Concen: 2.643 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 83 Resp: 14285
Ion Ratio Lower Upper
83 100
85 68.4 45.1 83.9

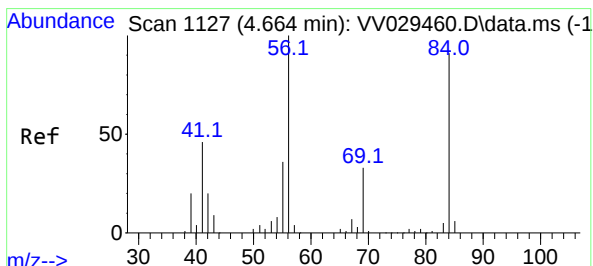
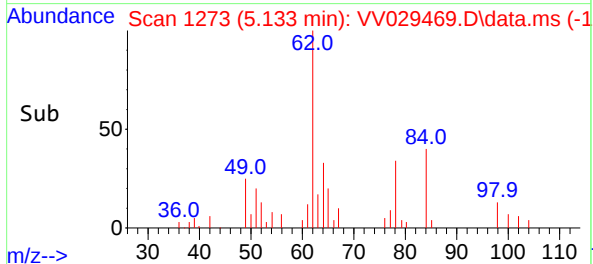
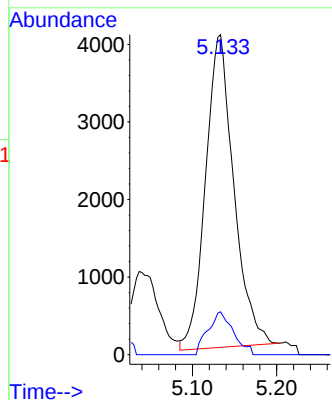
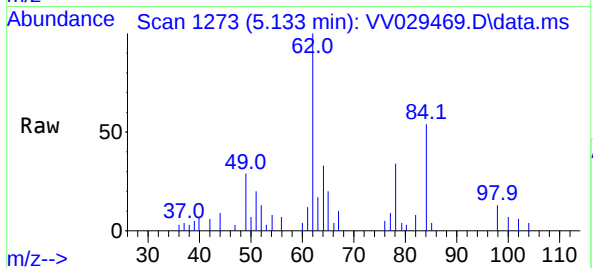




#27
1,2-Dichloroethane
Concen: 2.463 ug/L
RT: 5.133 min Scan# 1127
Delta R.T. 0.009 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

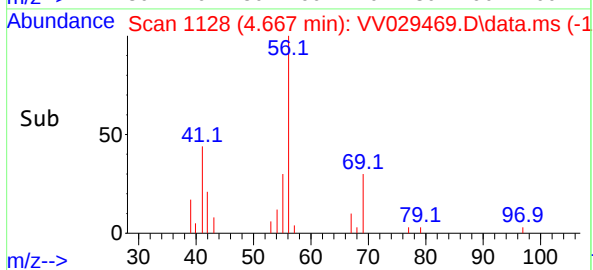
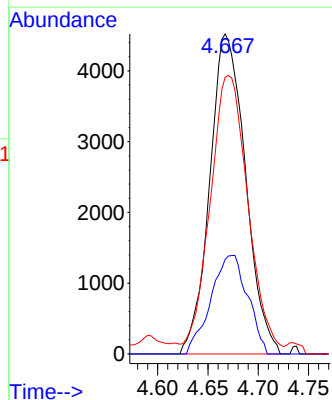
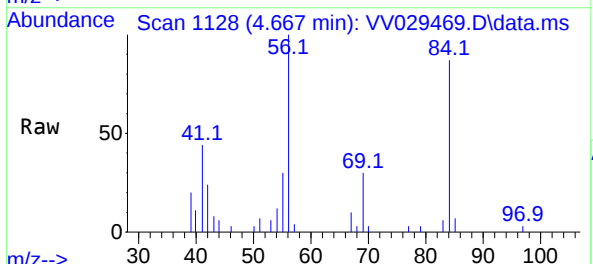
Instrument :
MSVOA_V
ClientSampleId :
MDL05

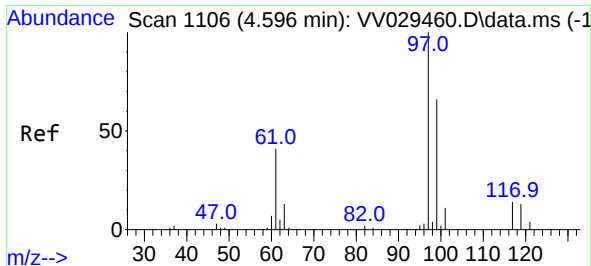
Tgt Ion: 62 Resp: 9407
Ion Ratio Lower Upper
62 100
98 13.4 9.4 14.0



#29
Cyclohexane
Concen: 2.231 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 56 Resp: 11169
Ion Ratio Lower Upper
56 100
69 31.7 25.8 38.8
84 92.6 76.6 114.8





#30

1,1,1-Trichloroethane

Concen: 2.153 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

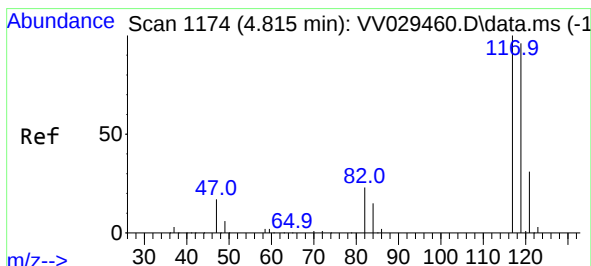
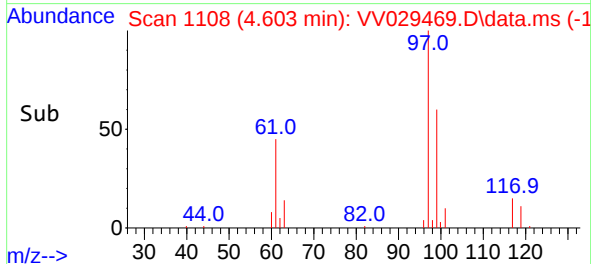
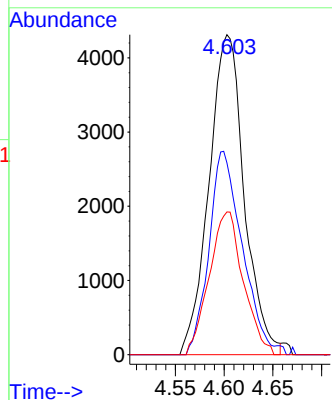
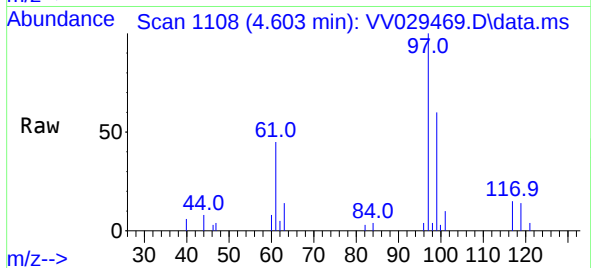
Tgt Ion: 97 Resp: 10843

Ion Ratio Lower Upper

97 100

99 59.8 52.1 78.1

61 43.2 31.8 47.8



#31

Carbon tetrachloride

Concen: 2.084 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VV029469.D

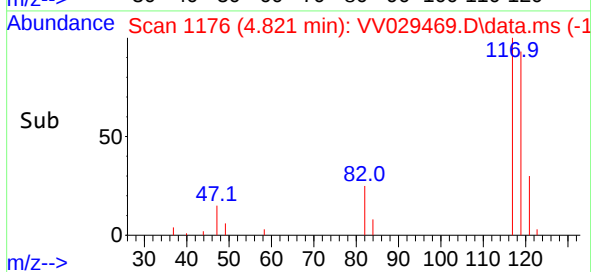
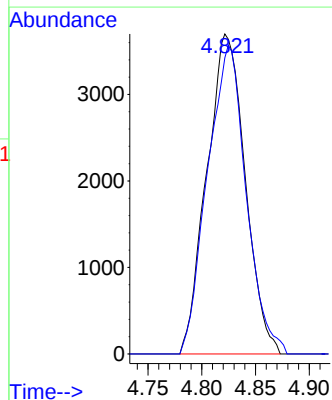
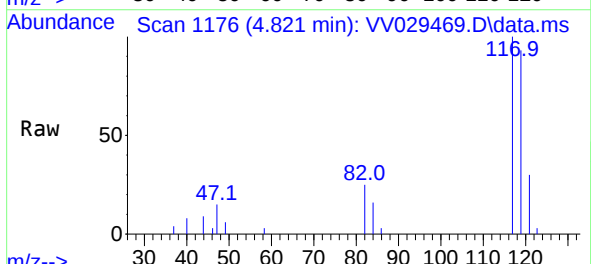
Acq: 08 Dec 2022 13:52

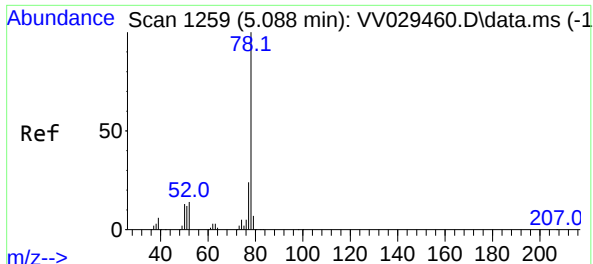
Tgt Ion: 117 Resp: 9165

Ion Ratio Lower Upper

117 100

119 97.1 76.7 115.1

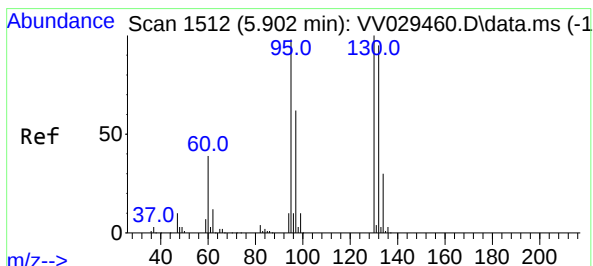
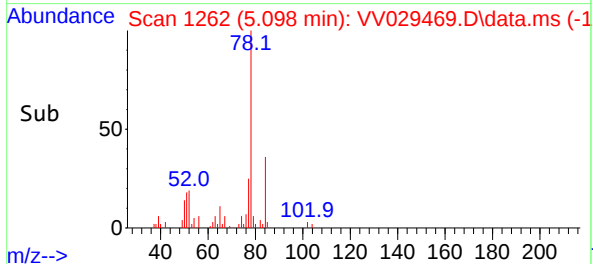
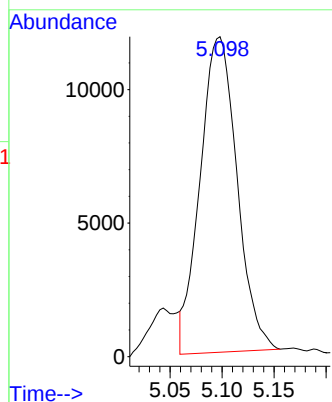
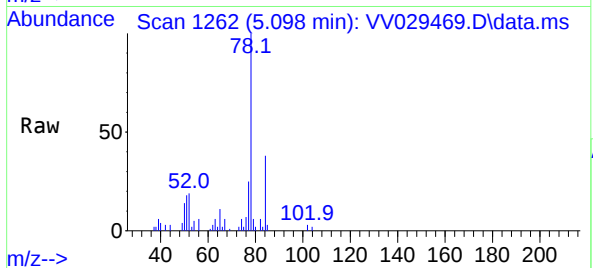




#33
Benzene
Concen: 2.243 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Instrument :
MSVOA_V
ClientSampleId :
MDL05

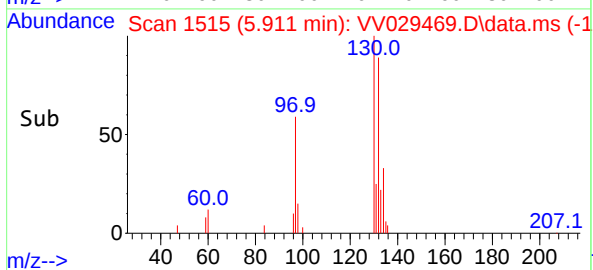
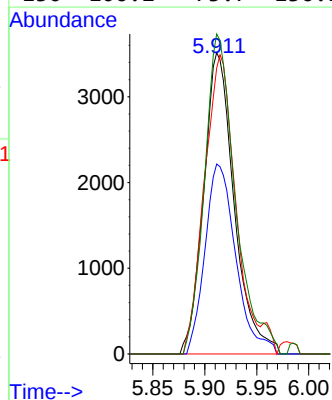
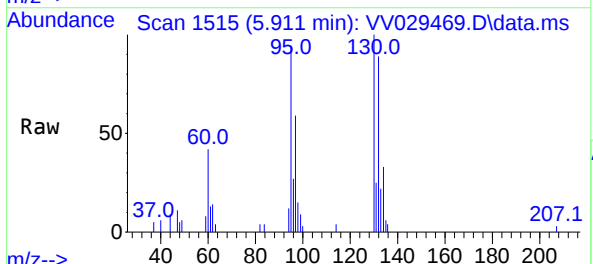
Tgt Ion: 78 Resp: 29225

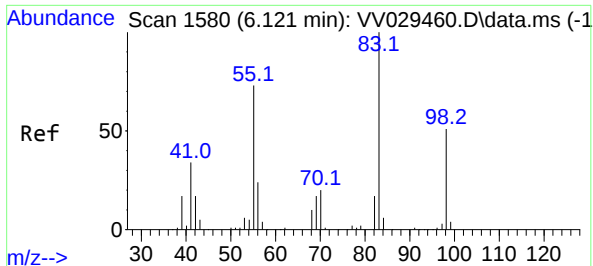


#34
Trichloroethene
Concen: 2.197 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 95 Resp: 7172

Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.0	81.8
132	94.9	69.9	129.9
130	106.2	73.7	136.9





#35

Methylcyclohexane

Concen: 2.304 ug/L

RT: 6.124 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

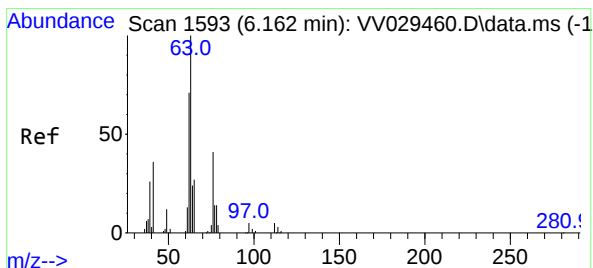
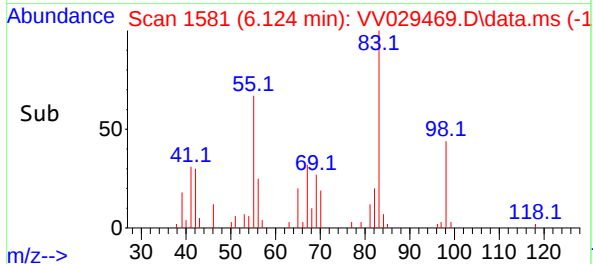
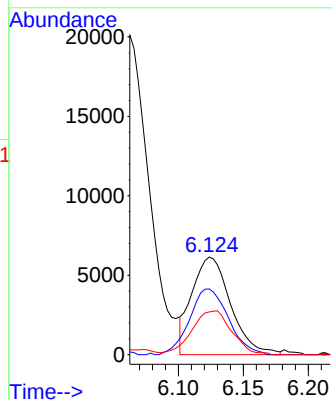
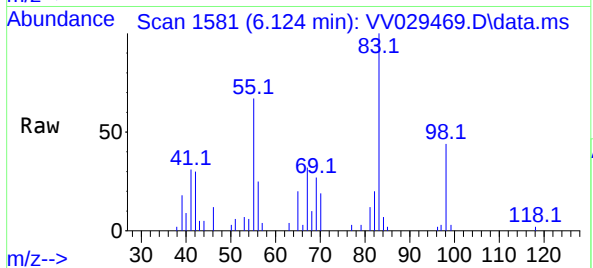
Tgt Ion: 83 Resp: 12774

Ion Ratio Lower Upper

83 100

55 67.6 55.5 83.3

98 41.8 39.8 59.8



#37

1,2-Dichloropropane

Concen: 2.506 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.003 min

Lab File: VV029469.D

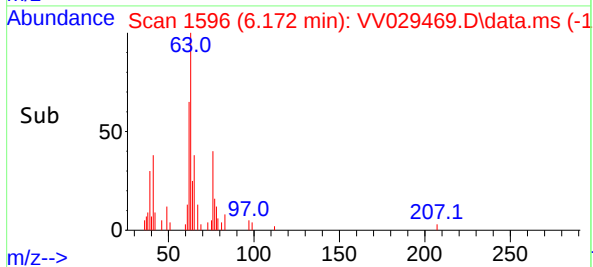
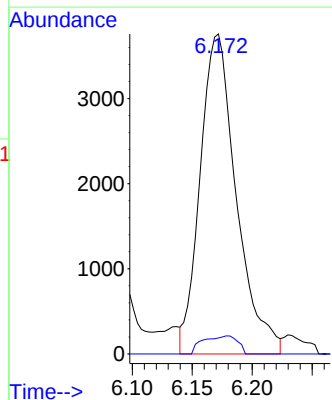
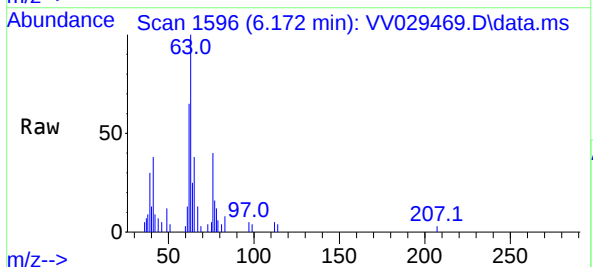
Acq: 08 Dec 2022 13:52

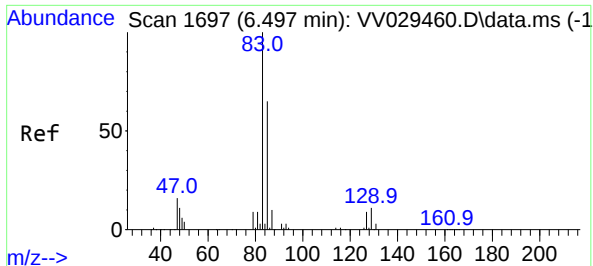
Tgt Ion: 63 Resp: 7881

Ion Ratio Lower Upper

63 100

112 5.4 3.9 5.9

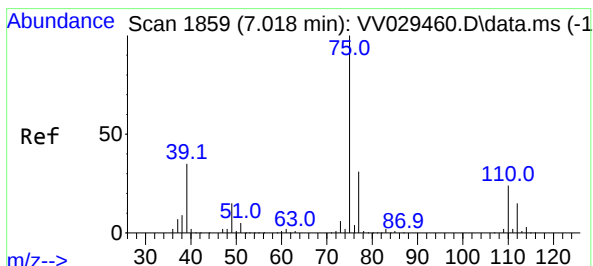
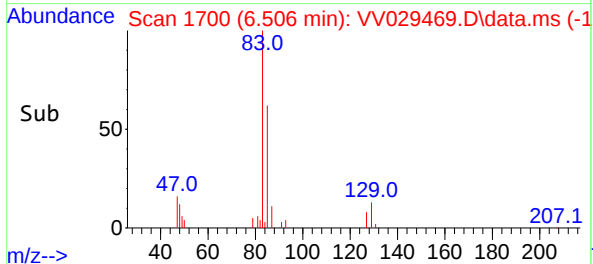
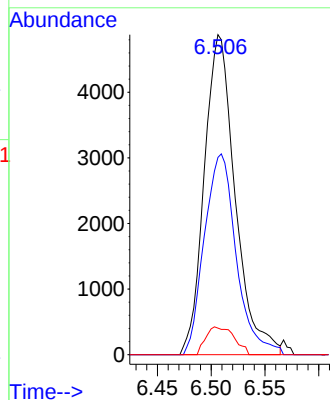
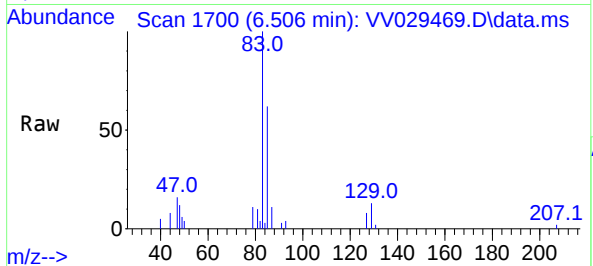




#38
Bromodichloromethane
Concen: 2.250 ug/L
RT: 6.506 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

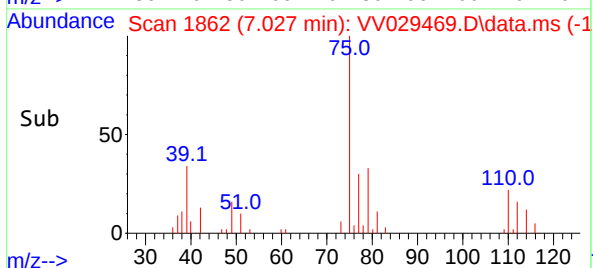
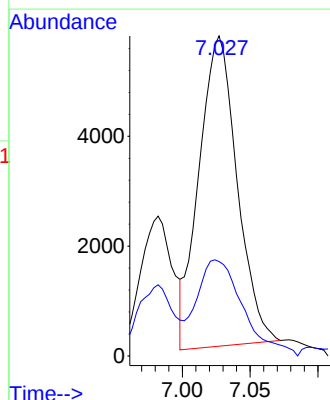
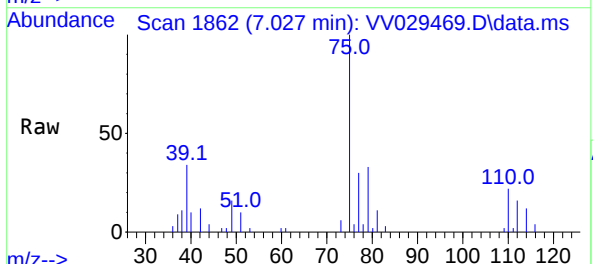
Instrument :
MSVOA_V
ClientSampleId :
MDL05

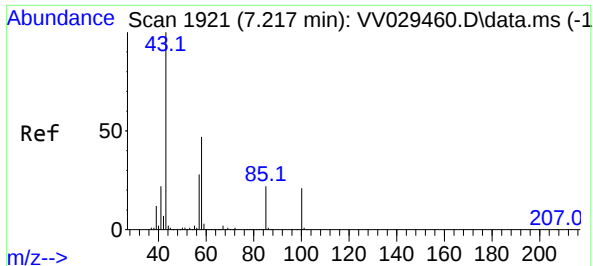
Tgt Ion:	83	Resp:	9766
Ion	Ratio	Lower	Upper
83	100		
85	61.6	45.3	84.1
127	8.3	7.0	10.6



#39
cis-1,3-Dichloropropene
Concen: 2.137 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:	75	Resp:	11050
Ion	Ratio	Lower	Upper
75	100		
77	29.5	21.9	40.7





#40

4-Methyl-2-pentanone

Concen: 5.054 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. 0.006 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

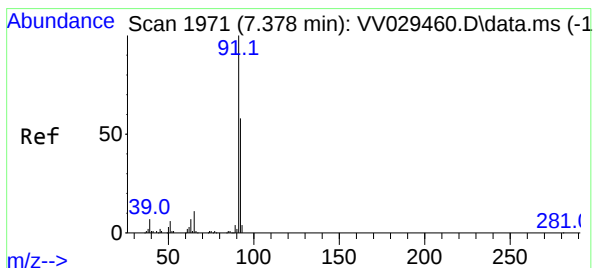
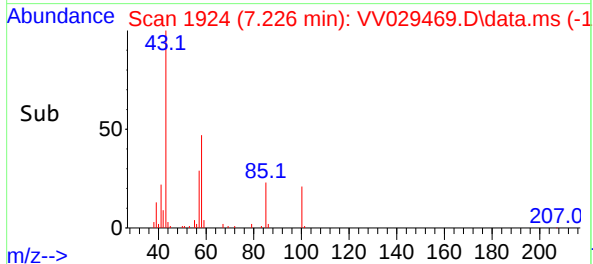
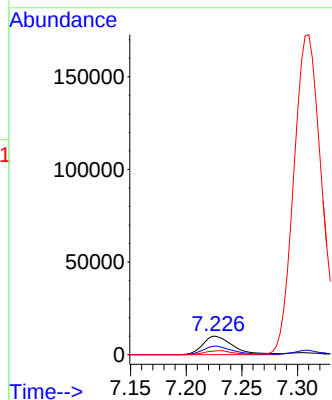
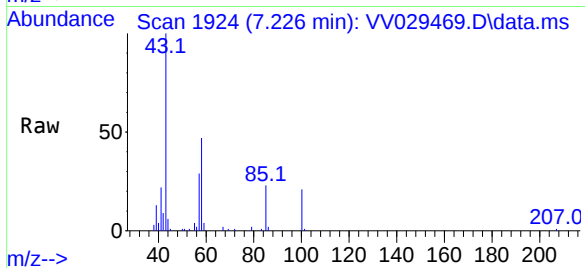
Tgt Ion: 43 Resp: 18950

Ion Ratio Lower Upper

43 100

58 44.0 37.5 56.3

100 19.9 16.7 25.1



#42

Toluene

Concen: 2.292 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV029469.D

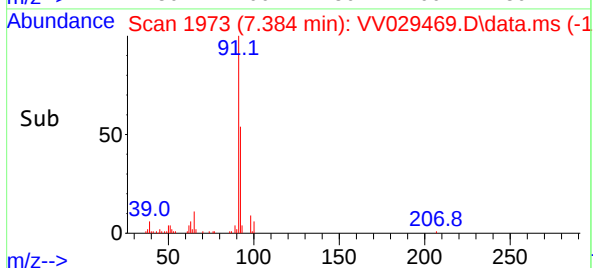
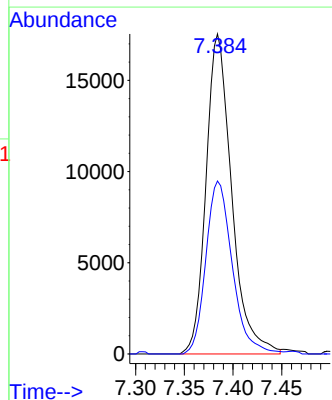
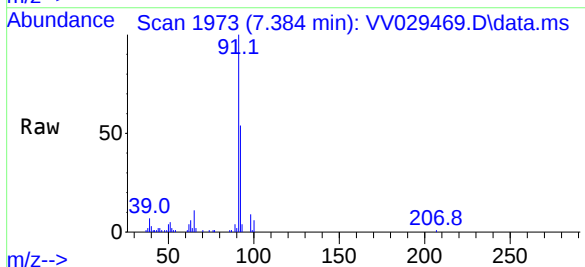
Acq: 08 Dec 2022 13:52

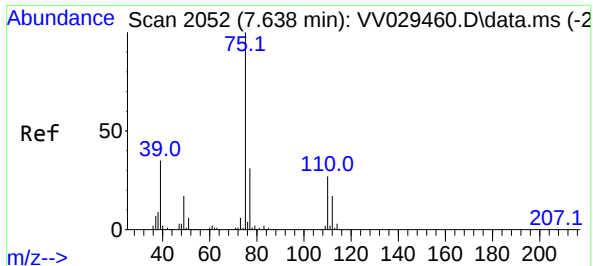
Tgt Ion: 91 Resp: 32143

Ion Ratio Lower Upper

91 100

92 54.1 40.6 75.4

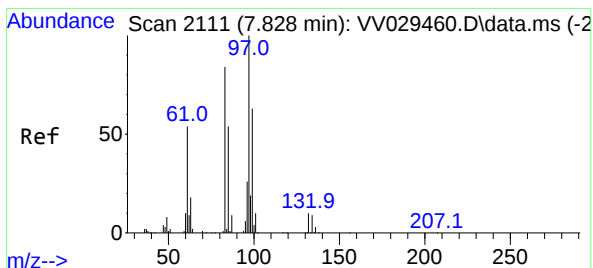
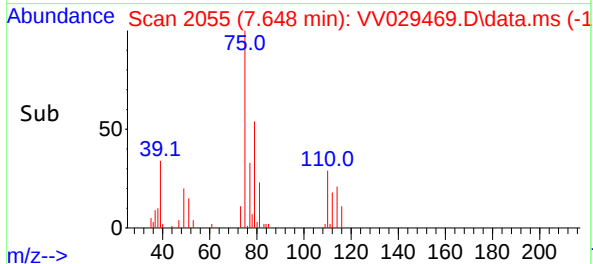
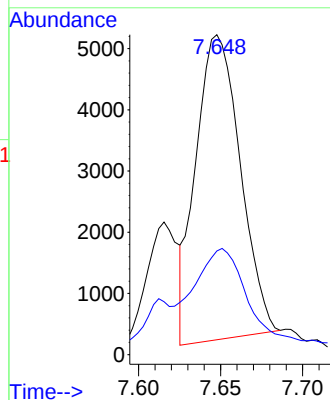
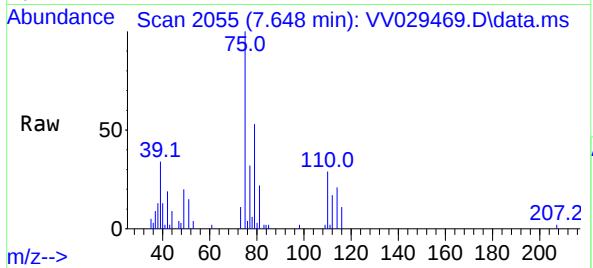




#44
trans-1,3-Dichloropropene
Concen: 1.911 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

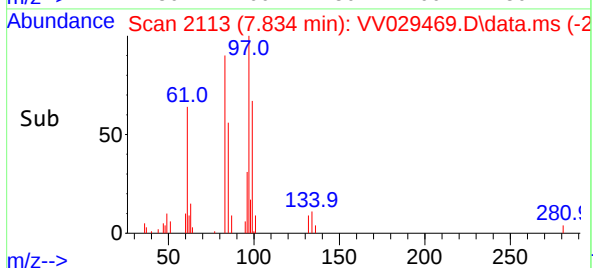
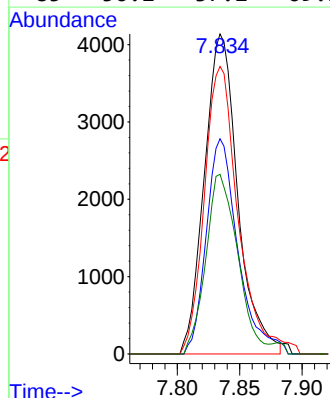
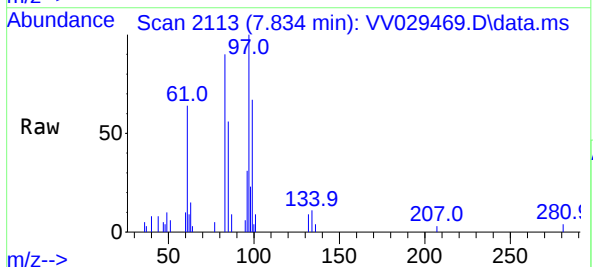
Instrument :
MSVOA_V
ClientSampleId :
MDL05

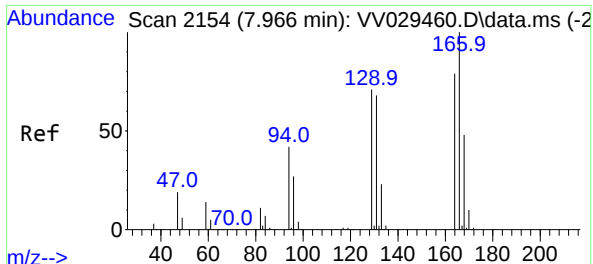
Tgt Ion: 75 Resp: 9359
Ion Ratio Lower Upper
75 100
77 32.4 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 2.376 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 97 Resp: 7720
Ion Ratio Lower Upper
97 100
99 67.2 43.8 81.3
83 89.9 58.6 108.8
85 56.2 37.2 69.2





#46

Tetrachloroethene

Concen: 2.394 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.000 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tgt Ion:164 Resp: 6283

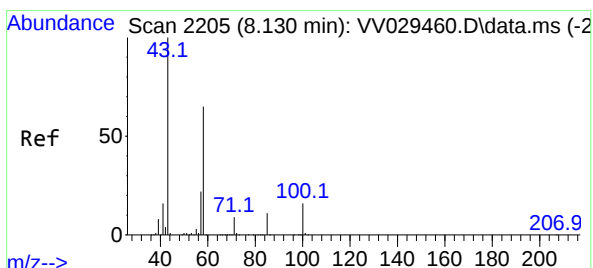
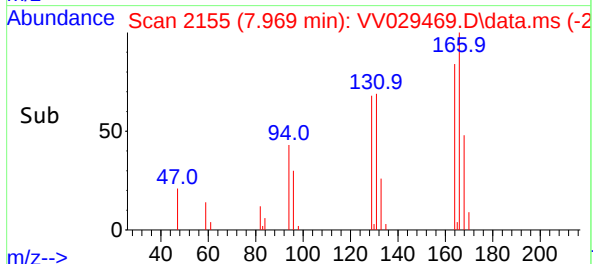
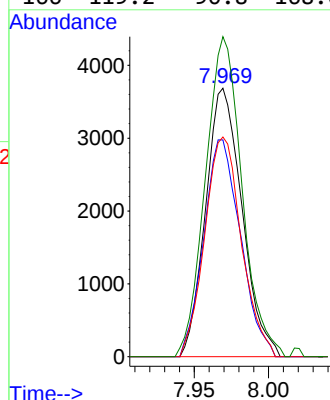
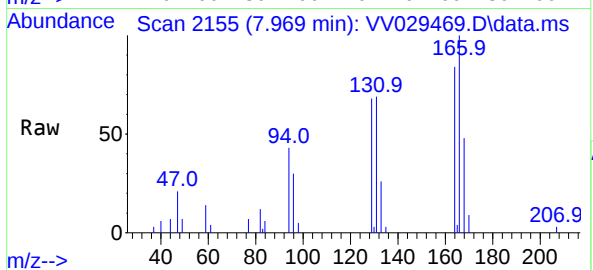
Ion Ratio Lower Upper

164 100

129 80.7 65.3 121.3

131 81.8 63.1 117.1

166 119.2 90.8 168.6



#48

2-Hexanone

Concen: 5.829 ug/L

RT: 8.140 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Tgt Ion: 43 Resp: 16696

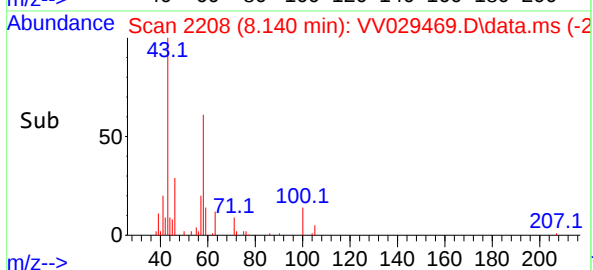
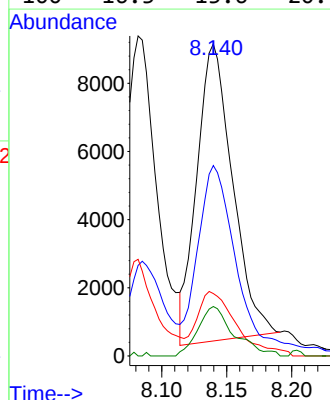
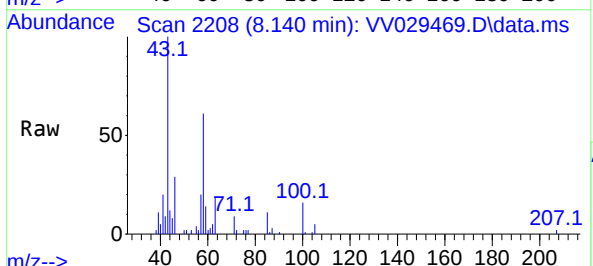
Ion Ratio Lower Upper

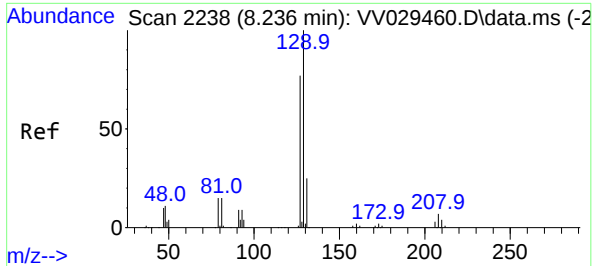
43 100

58 64.7 54.1 81.1

57 24.1 17.4 26.0

100 16.3 13.6 20.4

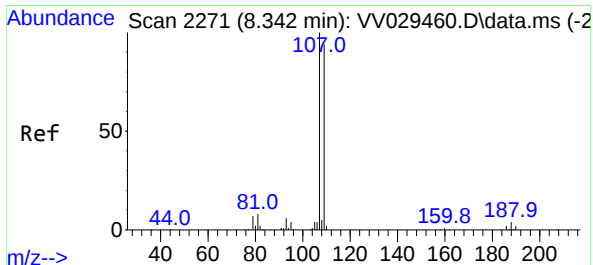
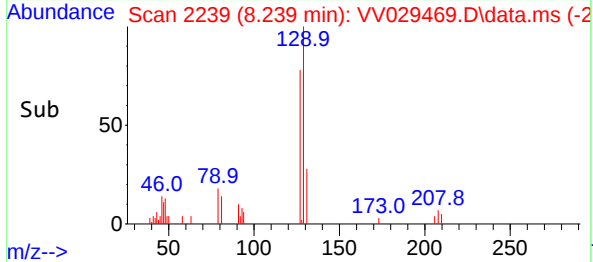
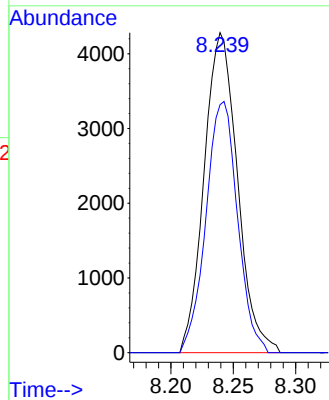
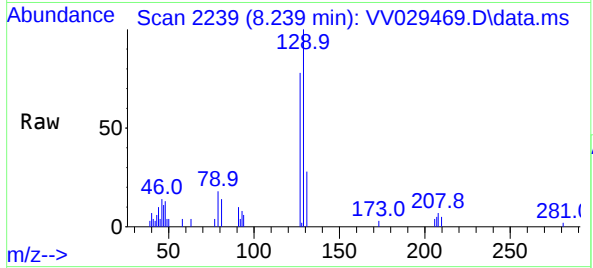




#49
Dibromochloromethane
Concen: 2.223 ug/L
RT: 8.239 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

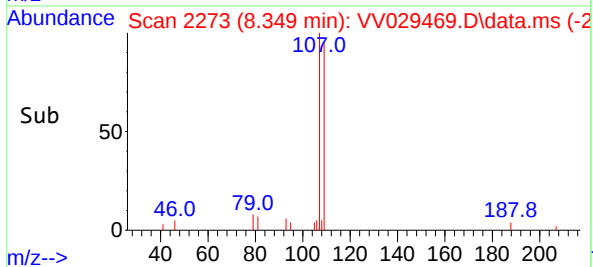
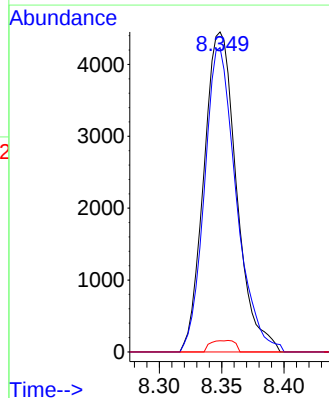
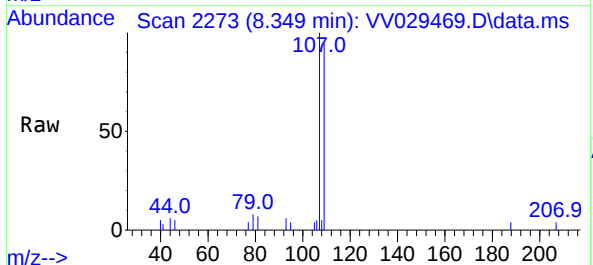
Instrument :
MSVOA_V
ClientSampleId :
MDL05

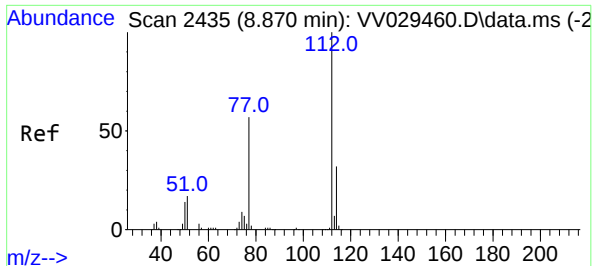
Tgt Ion:129 Resp: 7972
Ion Ratio Lower Upper
129 100
127 77.5 55.2 102.4



#50
1,2-Dibromoethane
Concen: 2.423 ug/L
RT: 8.349 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:107 Resp: 8110
Ion Ratio Lower Upper
107 100
109 95.1 66.0 122.6
188 3.5 3.2 4.8

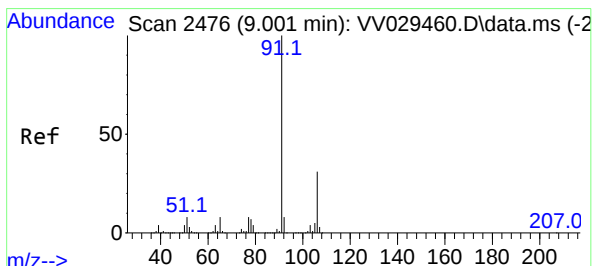
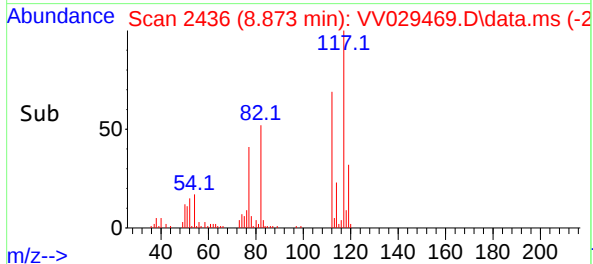
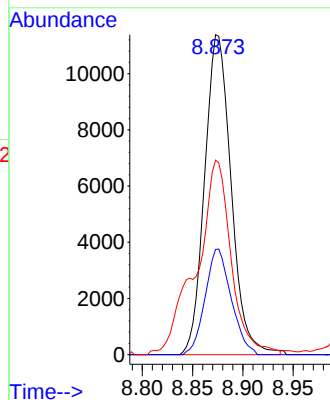
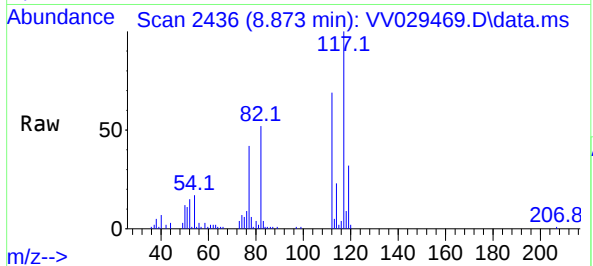




#51
Chlorobenzene
Concen: 2.356 ug/L
RT: 8.873 min Scan# 2435
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

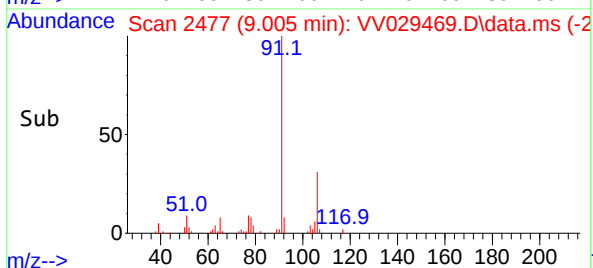
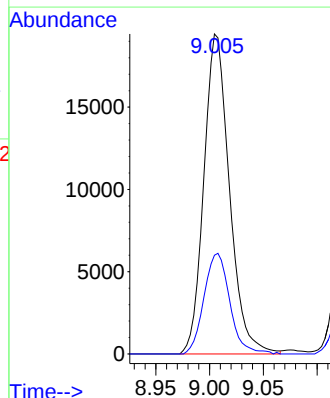
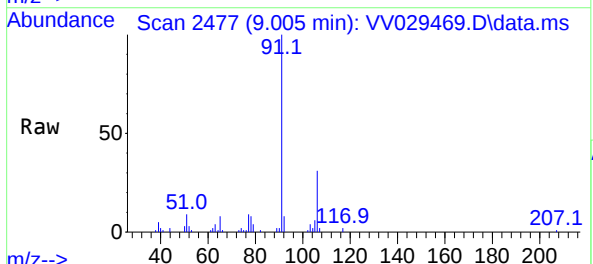
Instrument :
MSVOA_V
ClientSampleId :
MDL05

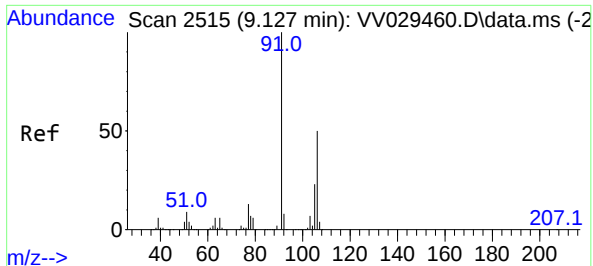
Tgt Ion:112 Resp: 20921
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.3
77 60.8 45.0 67.4



#52
Ethylbenzene
Concen: 2.188 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 91 Resp: 32251
Ion Ratio Lower Upper
91 100
106 30.9 21.8 40.6

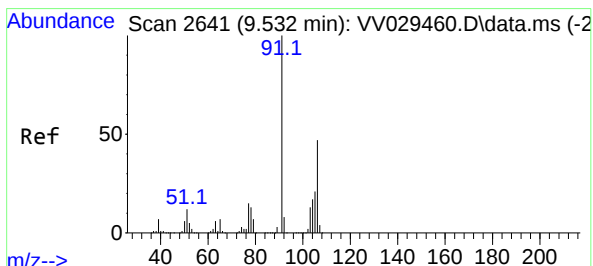
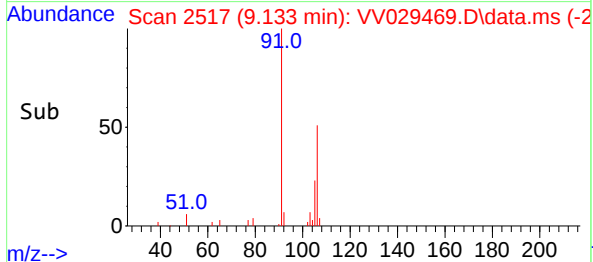
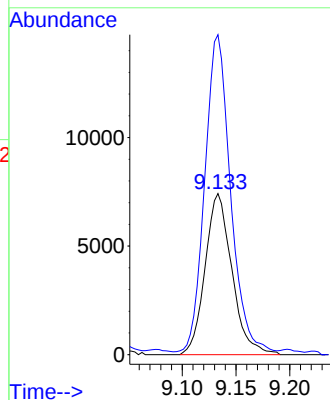
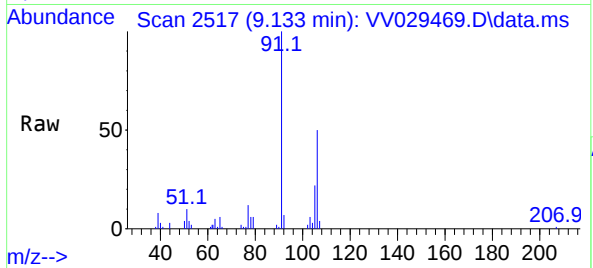




#53
m,p-Xylene
Concen: 2.206 ug/L
RT: 9.133 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

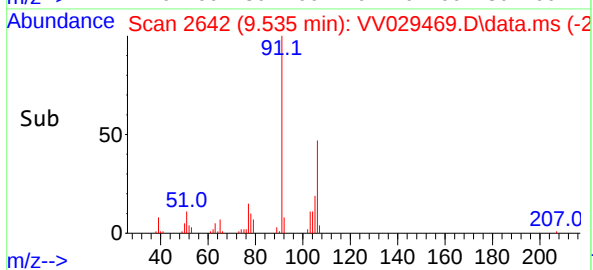
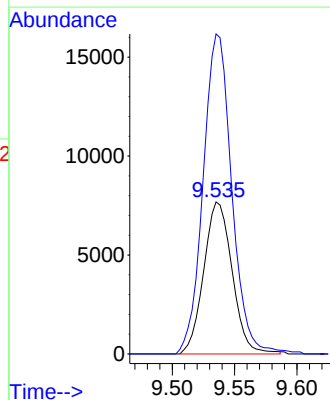
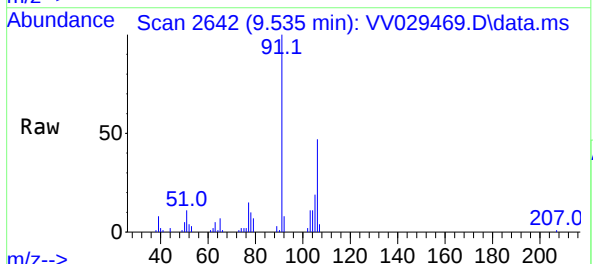
Instrument :
MSVOA_V
ClientSampleId :
MDL05

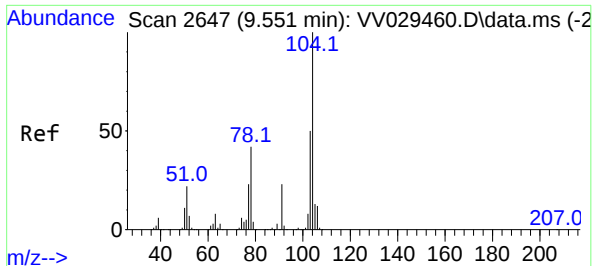
Tgt Ion:106 Resp: 12870
Ion Ratio Lower Upper
106 100
91 198.5 139.5 259.1



#54
o-Xylene
Concen: 2.114 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:106 Resp: 12204
Ion Ratio Lower Upper
106 100
91 210.6 148.0 274.8

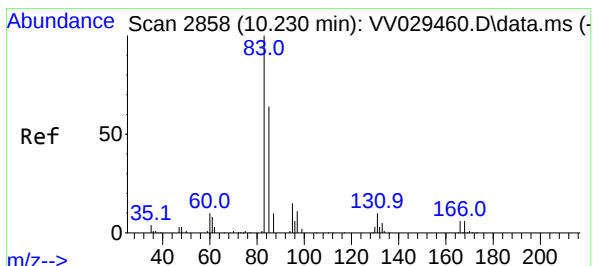
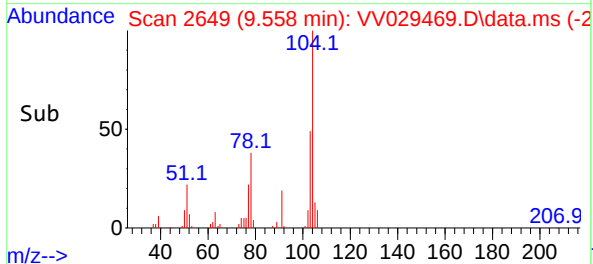
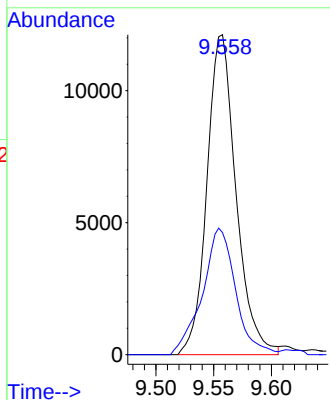
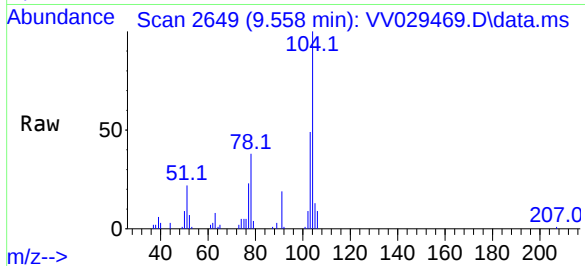




#55
Styrene
Concen: 2.120 ug/L
RT: 9.558 min Scan# 21262
Delta R.T. 0.006 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

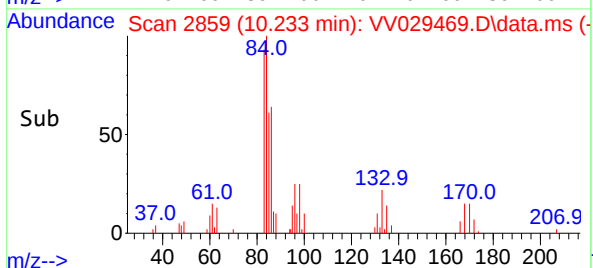
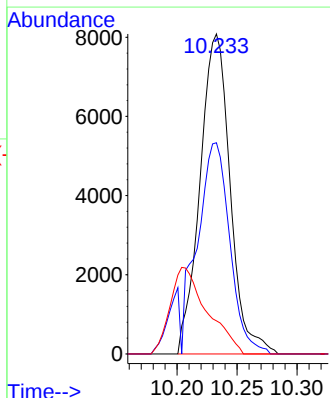
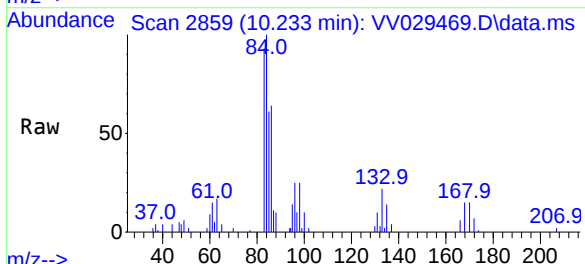
Instrument :
MSVOA_V
ClientSampleId :
MDL05

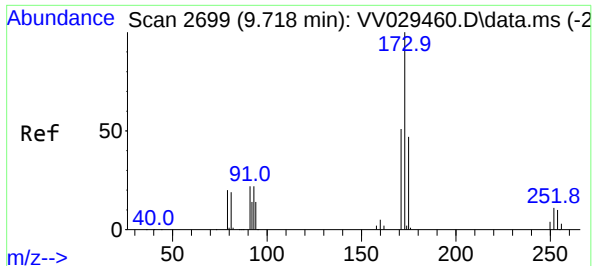
Tgt Ion:104 Resp: 21262
Ion Ratio Lower Upper
104 100
78 38.1 29.4 54.6



#57
1,1,2,2-Tetrachloroethane
Concen: 2.723 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion: 83 Resp: 14152
Ion Ratio Lower Upper
83 100
85 66.0 45.7 84.9
131 10.3 7.9 11.9

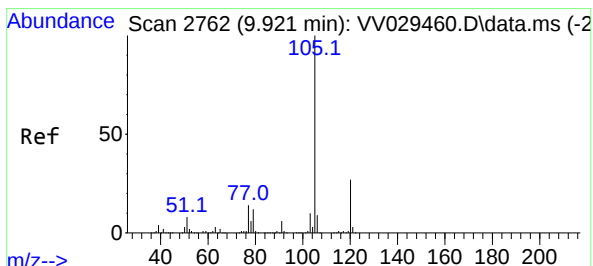
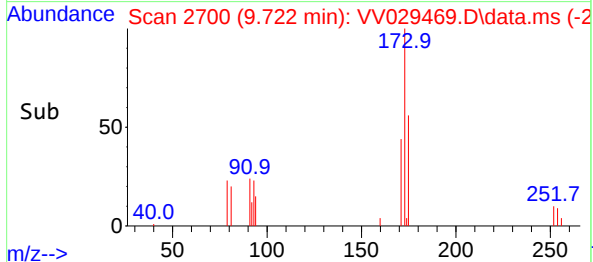
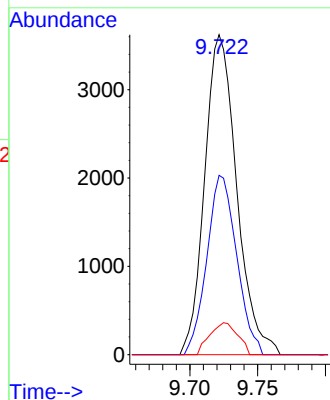
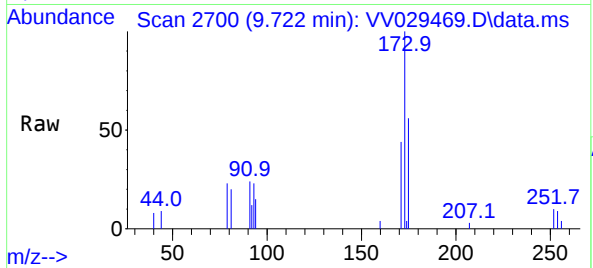




#59
Bromoform
Concen: 2.214 ug/L
RT: 9.722 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

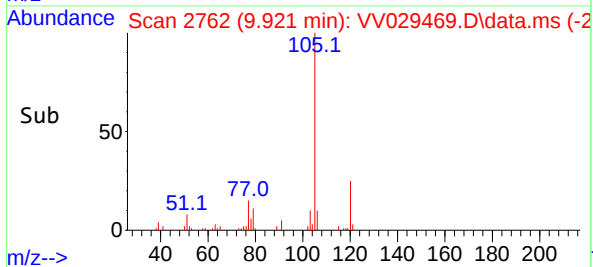
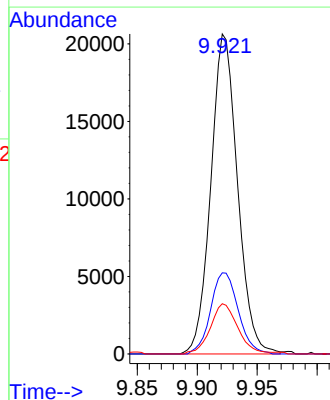
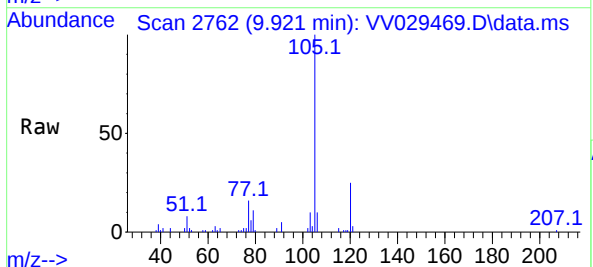
Instrument :
MSVOA_V
ClientSampleId :
MDL05

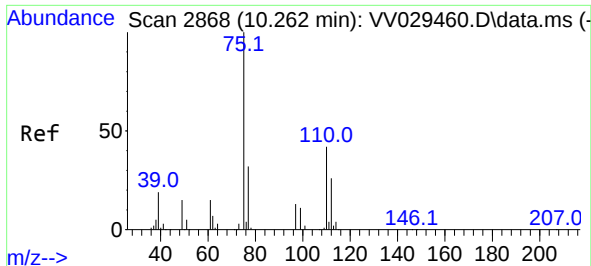
Tgt Ion:173 Resp: 5959
Ion Ratio Lower Upper
173 100
175 52.1 38.4 57.6
254 8.7 7.8 11.8



#60
Isopropylbenzene
Concen: 2.231 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:105 Resp: 31909
Ion Ratio Lower Upper
105 100
120 26.2 21.1 31.7
77 16.2 11.6 17.4





#61

1,2,3-Trichloropropane

Concen: 2.725 ug/L

RT: 10.265 min Scan# 2869

Delta R.T. 0.003 min

Lab File: VV029469.D

Acq: 08 Dec 2022 13:52

Instrument :

MSVOA_V

ClientSampleId :

MDL05

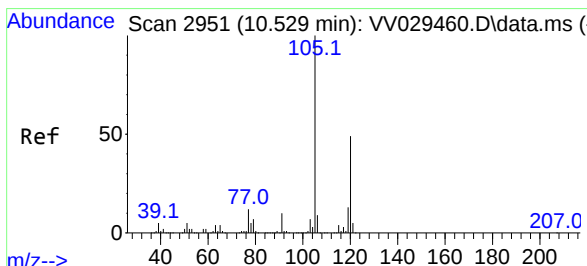
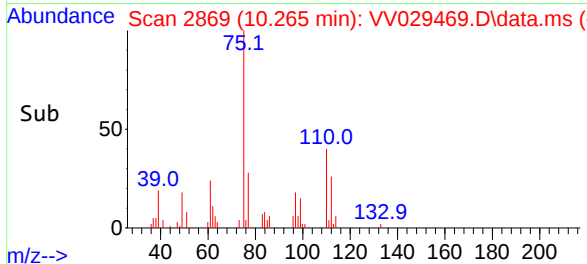
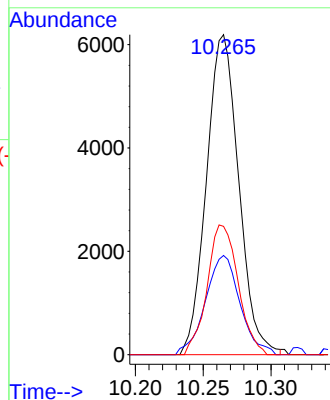
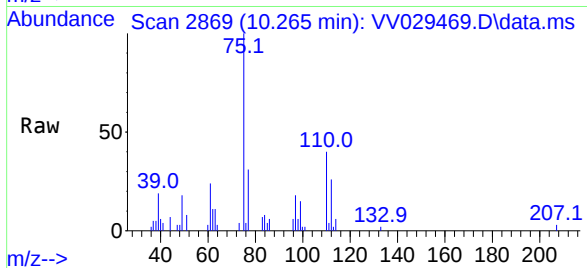
Tgt Ion: 75 Resp: 10249

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.2

110 39.0 32.7 49.1



#62

1,3,5-Trimethylbenzene

Concen: 2.116 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029469.D

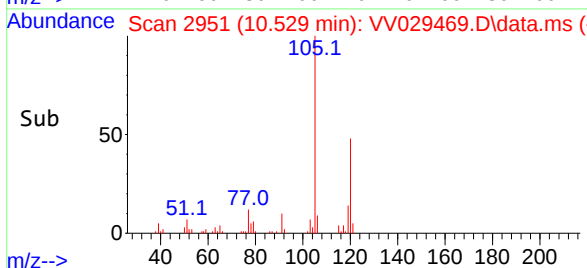
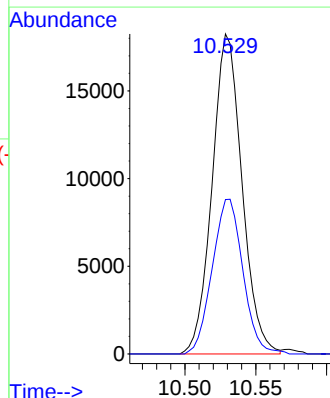
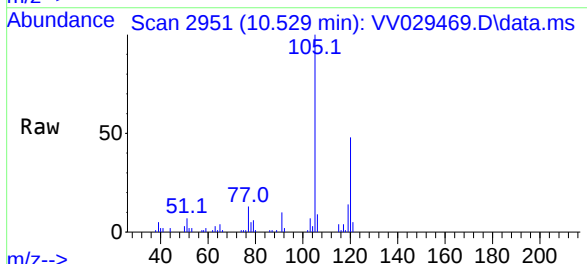
Acq: 08 Dec 2022 13:52

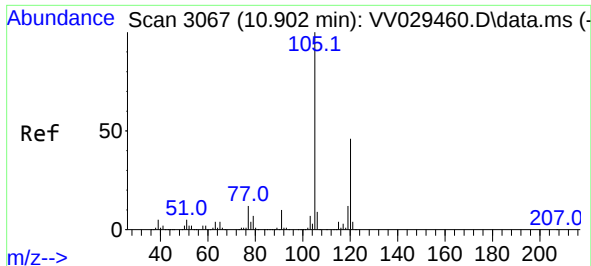
Tgt Ion: 105 Resp: 26765

Ion Ratio Lower Upper

105 100

120 49.6 40.0 60.0

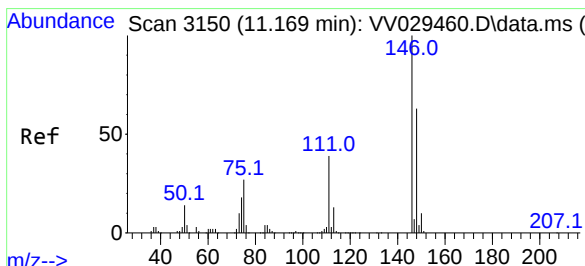
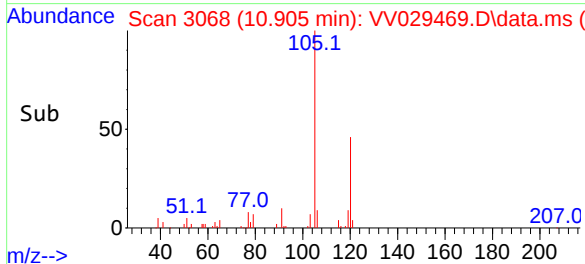
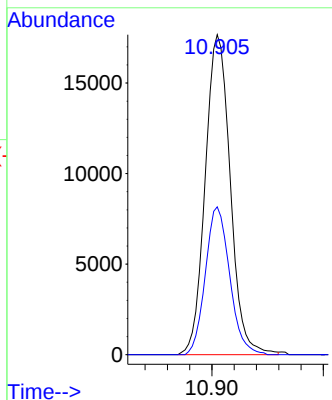
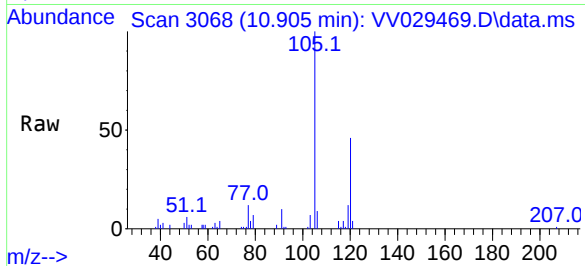




#63
1,2,4-Trimethylbenzene
Concen: 2.201 ug/L
RT: 10.905 min Scan# 3067
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

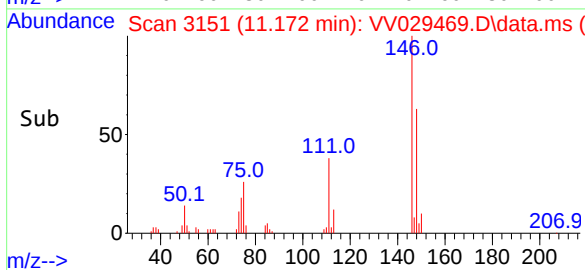
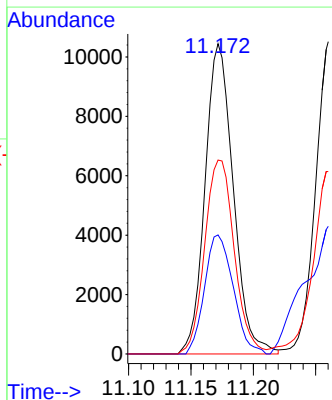
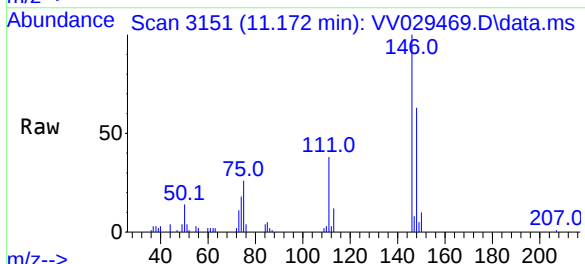
Instrument :
MSVOA_V
ClientSampleId :
MDL05

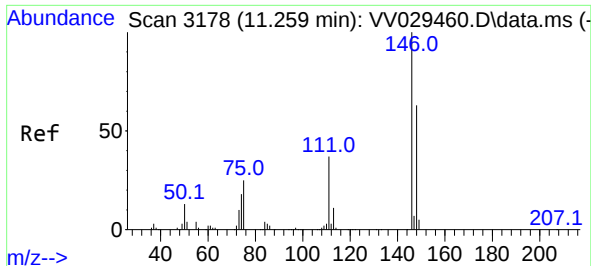
Tgt Ion:105 Resp: 27601
Ion Ratio Lower Upper
105 100
120 44.8 36.7 55.1



#64
1,3-Dichlorobenzene
Concen: 2.352 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:146 Resp: 16450
Ion Ratio Lower Upper
146 100
111 38.4 27.4 51.0
148 62.5 44.6 82.8

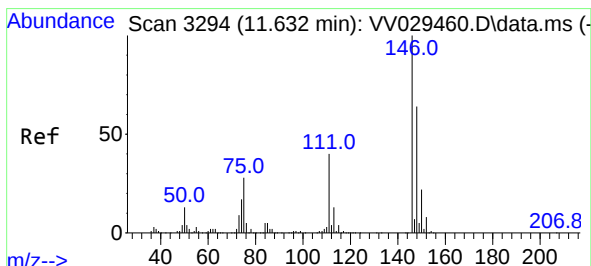
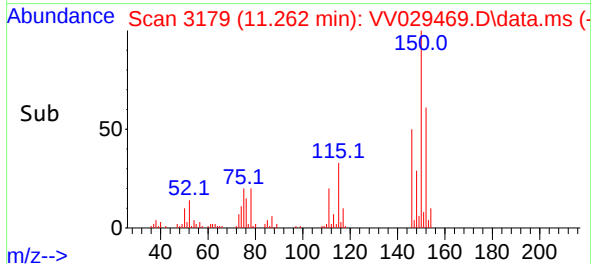
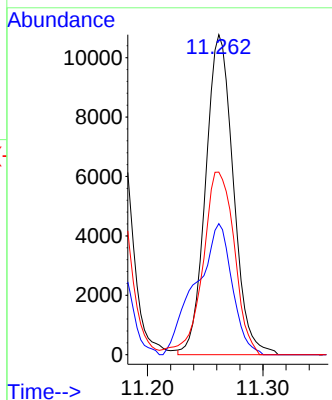
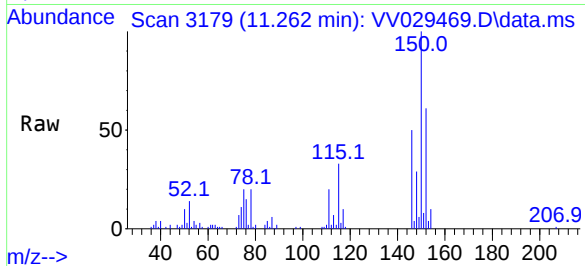




#65
1,4-Dichlorobenzene
Concen: 2.521 ug/L
RT: 11.262 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

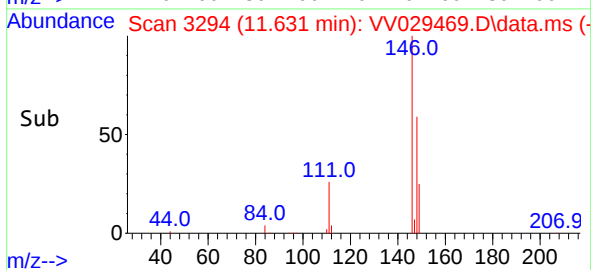
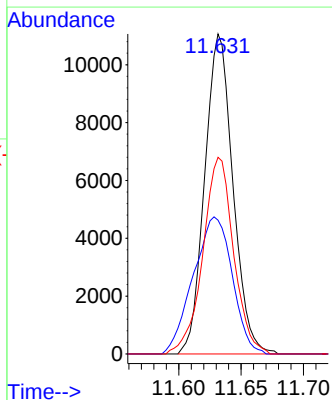
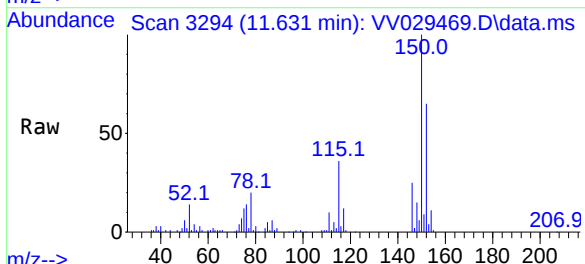
Instrument :
MSVOA_V
ClientSampleId :
MDL05

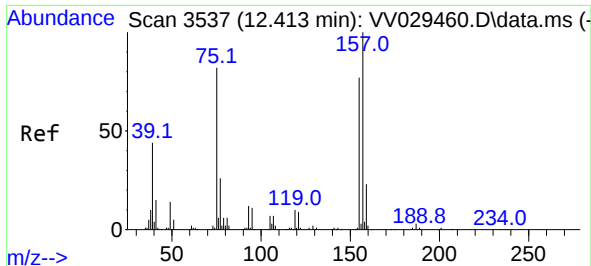
Tgt Ion:146 Resp: 17923
Ion Ratio Lower Upper
146 100
111 40.9 26.2 48.8
148 57.0 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 2.441 ug/L
RT: 11.631 min Scan# 3294
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:146 Resp: 17459
Ion Ratio Lower Upper
146 100
111 41.8 32.0 48.0
148 61.4 50.6 76.0

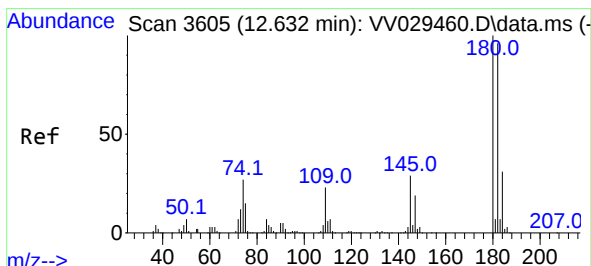
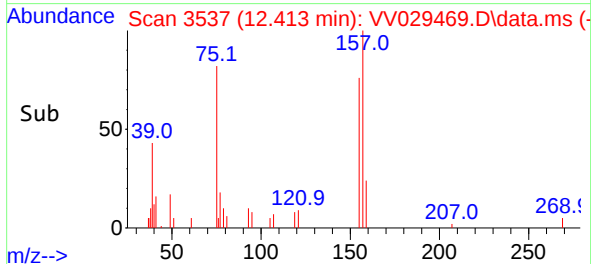
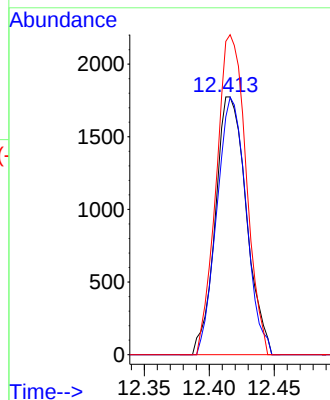
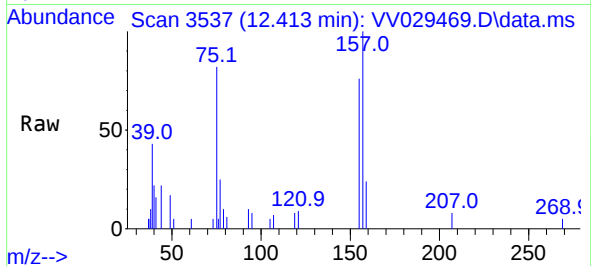




#68
1,2-Dibromo-3-chloropropane
Concen: 2.515 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

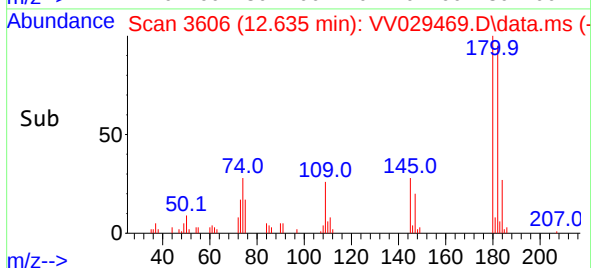
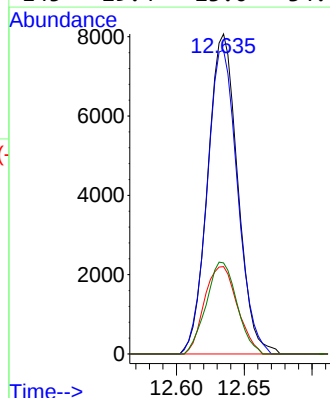
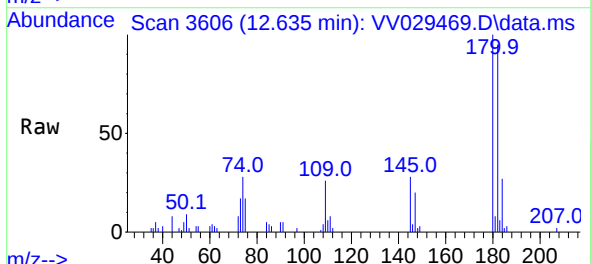
Instrument :
MSVOA_V
ClientSampleId :
MDL05

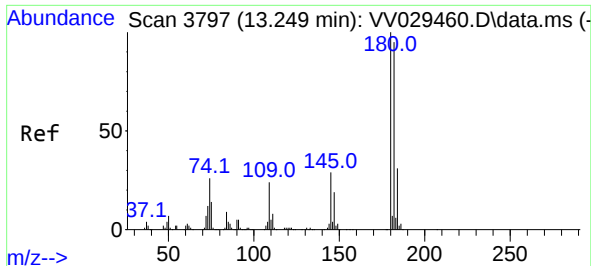
Tgt Ion:	75	Resp:	2940
Ion	Ratio	Lower	Upper
75	100		
155	92.2	76.2	114.2
157	121.5	96.0	144.0



#69
1,3,5-Trichlorobenzene
Concen: 2.228 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:	180	Resp:	12401
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.5	114.7
184	30.0	24.6	36.8
145	29.4	23.0	34.6

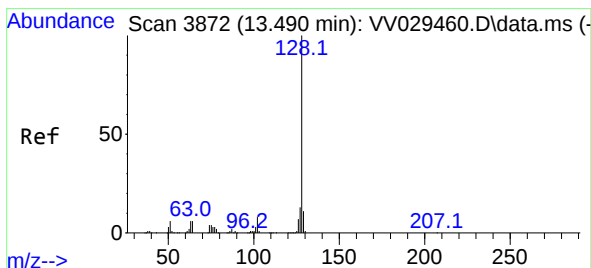
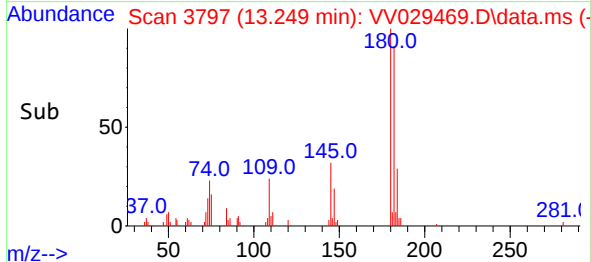
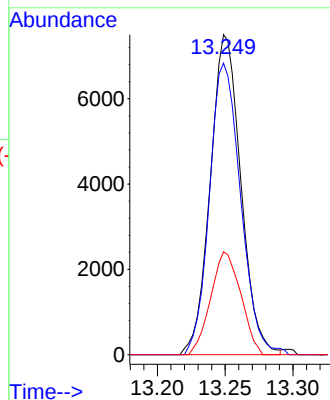
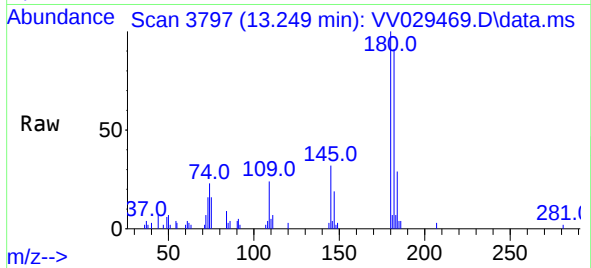




#70
1,2,4-trichlorobenzene
Concen: 2.375 ug/L
RT: 13.249 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

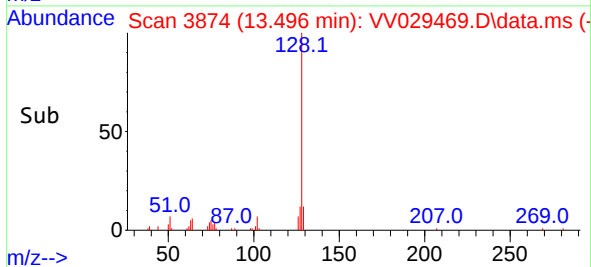
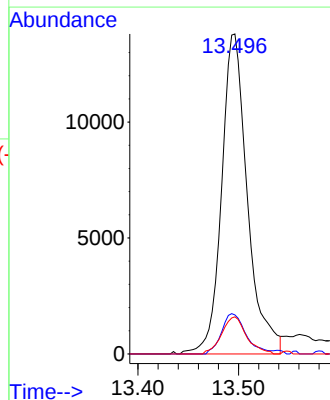
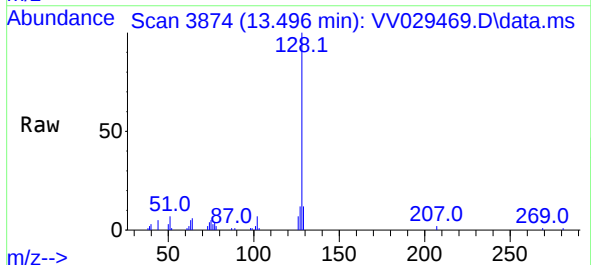
Instrument :
MSVOA_V
ClientSampleId :
MDL05

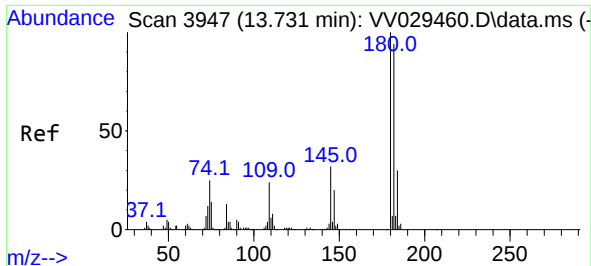
Tgt Ion:	180	Resp:	11757
Ion Ratio	Lower	Upper	
180	100		
182	92.6	76.3	114.5
145	31.6	23.7	35.5



#71
Naphthalene
Concen: 2.196 ug/L
RT: 13.496 min Scan# 3874
Delta R.T. 0.003 min
Lab File: VV029469.D
Acq: 08 Dec 2022 13:52

Tgt Ion:	128	Resp:	24653
Ion Ratio	Lower	Upper	
128	100		
127	11.9	10.2	15.4
129	11.2	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 2.338 ug/L
 RT: 13.731 min Scan# 3947
 Delta R.T. -0.000 min
 Lab File: VV029469.D
 Acq: 08 Dec 2022 13:52

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Tgt Ion:	180	Resp:	11335
Ion	Ratio	Lower	Upper
180	100		
182	99.7	76.4	114.6
145	31.1	25.0	37.6

