

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023882.D
 Acq On : 10 Dec 2021 13:03
 Operator : SY/MD
 Sample : VSTD02063
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 03:28:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117403	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	127602	13.954	ug/L	0.00
7) Chloroethane-d5	1.568	69	107296	14.774	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	252051	15.666	ug/L	0.00
20) 2-Butanone-d5	3.902	46	335590	298.083	ug/L	0.00
24) Chloroform-d	4.349	84	296870	18.017	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	141320	18.373	ug/L	0.00
32) Benzene-d6	5.050	84	517661	16.715	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	154532	17.611	ug/L	0.00
41) Toluene-d8	7.317	98	472033	16.545	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	68026	19.201	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	327909	264.313	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	123258	19.068	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	207083	16.541	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	201296	18.728	ug/L	100
3) Chloromethane	1.240	50	167258	17.919	ug/L	100
5) Vinyl chloride	1.310	62	187853	19.163	ug/L	99
6) Bromomethane	1.523	94	120989	21.143	ug/L	98
8) Chloroethane	1.584	64	117210	18.600	ug/L	96
9) Trichlorofluoromethane	1.754	101	328170	20.259	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	169997	20.713	ug/L	99
12) 1,1-Dichloroethene	2.117	96	155401	20.272	ug/L	97
13) Acetone	2.201	43	245433	257.456	ug/L	92
14) Carbon disulfide	2.294	76	452453	18.034	ug/L	100
15) Methyl Acetate	2.442	43	63772	28.482	ug/L	91
16) Methylene chloride	2.506	84	174329	15.842	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	388562	24.168	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	178324	20.421	ug/L	99
19) 1,1-Dichloroethane	3.188	63	316407	21.287	ug/L	99
21) 2-Butanone	3.986	43	364447	296.250	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	194960	22.800	ug/L	99
23) Bromochloromethane	4.246	128	87042	21.797	ug/L	94
25) Chloroform	4.375	83	345073	20.852	ug/L	99
27) 1,2-Dichloroethane	5.130	62	196981	22.496	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	327439	21.564	ug/L	100
30) Cyclohexane	4.677	56	268387	21.497	ug/L	99
31) Carbon tetrachloride	4.828	117	298329	21.503	ug/L	99
33) Benzene	5.098	78	716925	21.704	ug/L	100
34) Trichloroethene	5.911	95	193649	21.697	ug/L	98
35) Methylcyclohexane	6.130	83	306874	22.358	ug/L	98
37) 1,2-Dichloropropane	6.172	63	167787	21.433	ug/L	99
38) Bromodichloromethane	6.510	83	238920	22.272	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	265538	23.581	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	899149	238.314	ug/L	97
42) Toluene	7.387	91	807378	22.576	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	224569	23.699	ug/L	98

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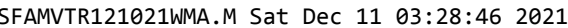
Quant Time: Dec 11 03:28:38 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 03:24:39 2021
 Response via : Initial Calibration

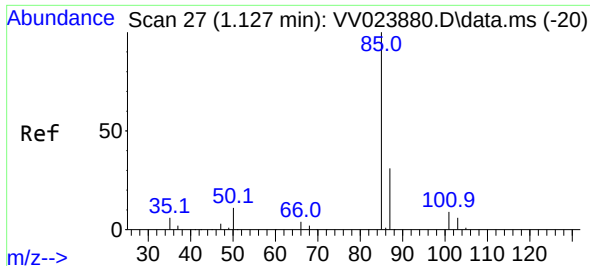
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.837	97	122234	22.225	ug/L	98
47) Tetrachloroethene	7.976	164	173644	21.467	ug/L	99
48) 2-Hexanone	8.140	43	657459	236.067	ug/L	97
49) Dibromochloromethane	8.246	129	171507	22.768	ug/L	100
50) 1,2-Dibromoethane	8.352	107	115625	21.825	ug/L	94
51) Chlorobenzene	8.879	112	527227	22.072	ug/L	99
52) Ethylbenzene	9.011	91	896520	23.761	ug/L	99
53) m,p-xylene	9.136	106	353191	23.729	ug/L	98
54) o-xylene	9.542	106	345304	24.179	ug/L	100
55) Styrene	9.561	104	584402	24.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	133986	22.093	ug/L	98
59) Bromoform	9.731	173	97278	20.454	ug/L	98
60) Isopropylbenzene	9.931	105	934285	21.937	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	97857	19.307	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	816812	23.011	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	815331	23.331	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	459764	21.008	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	452806	20.613	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	414285	20.698	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	23118	22.662	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	384771	22.433	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	313107	23.421	ug/L	97
71) Naphthalene	13.500	128	471224	25.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	271317	23.357	ug/L	99

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

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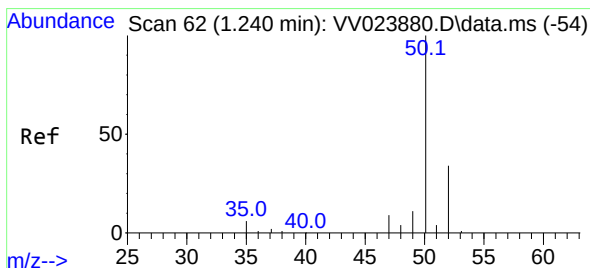
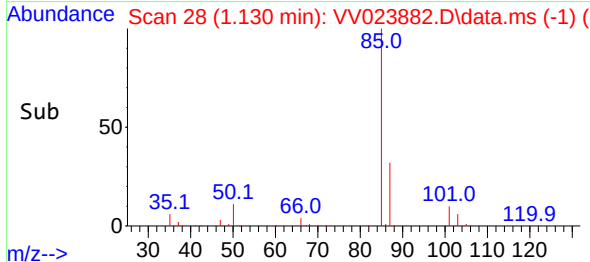
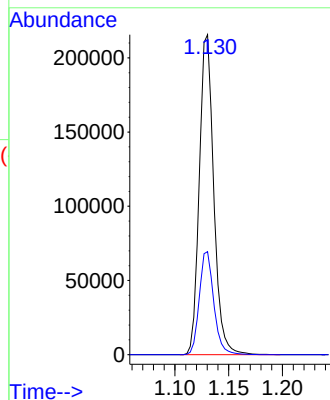
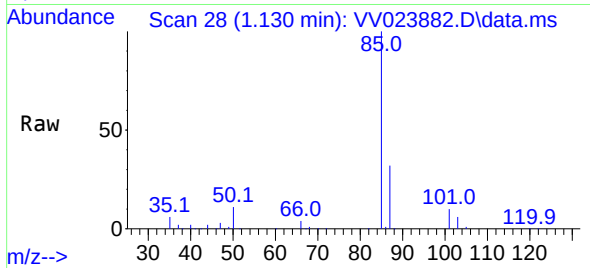




#2
 Dichlorodifluoromethane
 Concen: 18.728 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV023882.D
 Acq: 10 Dec 2021 13:03

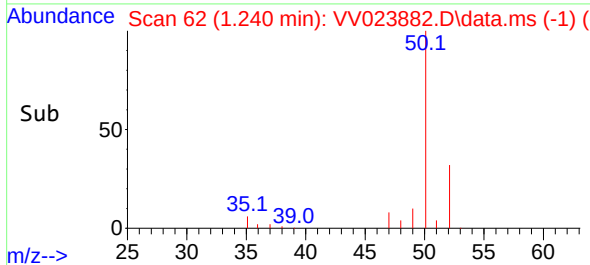
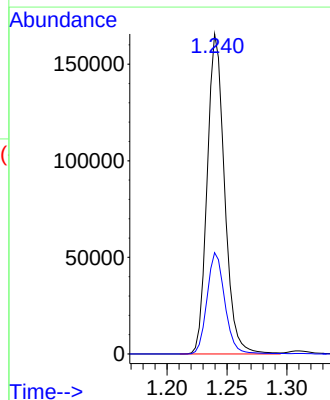
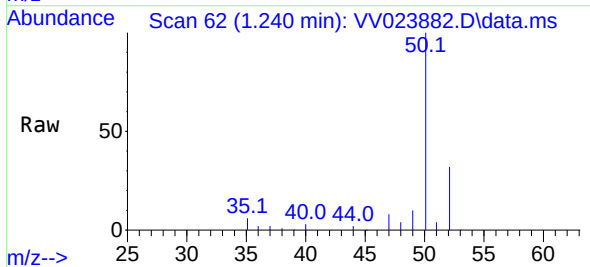
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 201296
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0

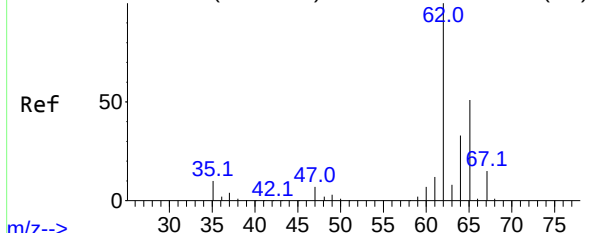


#3
 Chloromethane
 Concen: 17.919 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023882.D
 Acq: 10 Dec 2021 13:03

Tgt Ion: 50 Resp: 167258
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.0 41.0



Abundance Scan 84 (1.310 min): VV023880.D\data.ms (-76)



#5

Vinyl chloride

Concen: 19.163 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

ClientSampleId :

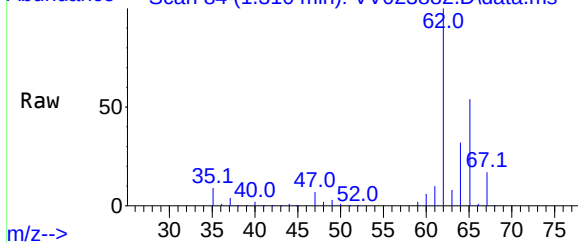
Tgt Ion: 62 Resp: 187853

Ion Ratio Lower Upper

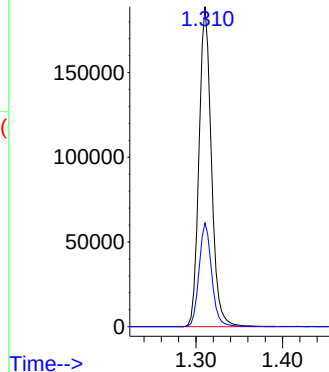
62 100

64 32.4 22.4 41.6

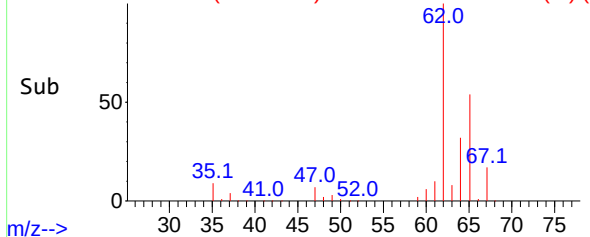
Abundance Scan 84 (1.310 min): VV023882.D\data.ms



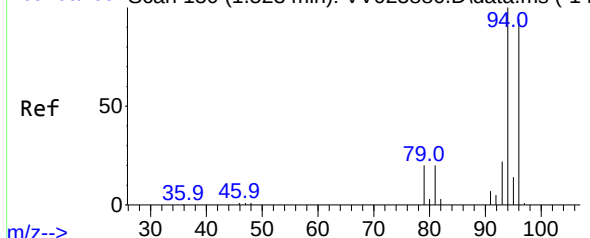
Abundance



Abundance Scan 84 (1.310 min): VV023882.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV023880.D\data.ms (-14)



#6

Bromomethane

Concen: 21.143 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

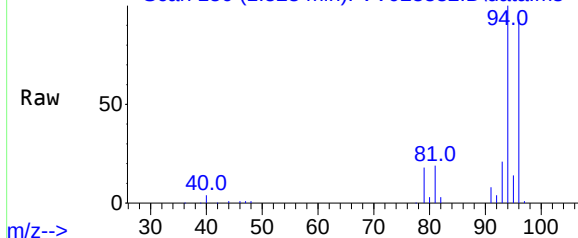
Tgt Ion: 94 Resp: 120989

Ion Ratio Lower Upper

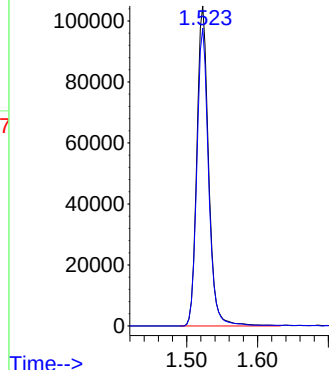
94 100

96 93.1 66.2 123.0

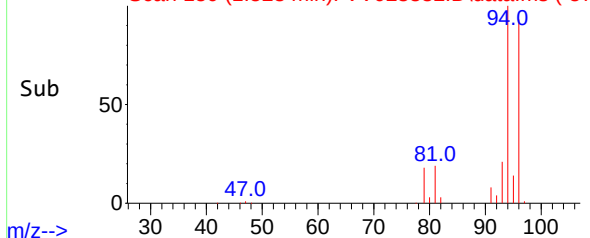
Abundance Scan 150 (1.523 min): VV023882.D\data.ms

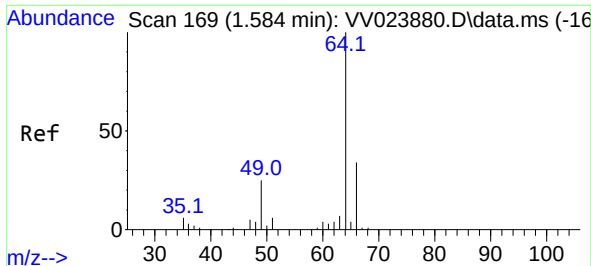


Abundance



Abundance Scan 150 (1.523 min): VV023882.D\data.ms (-57)

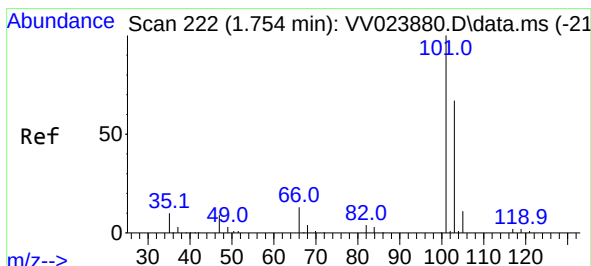
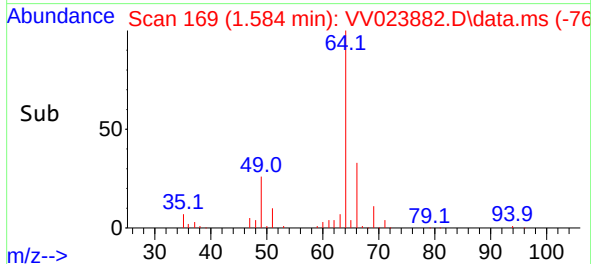
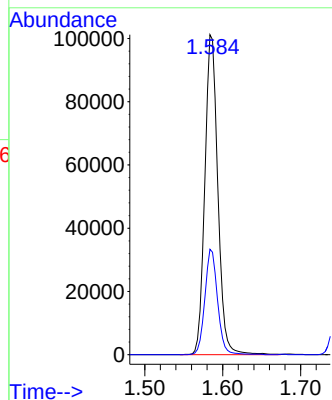
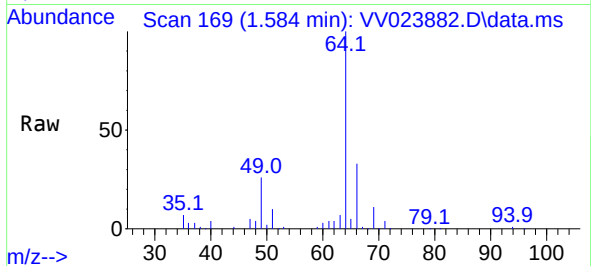




#8
Chloroethane
Concen: 18.600 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

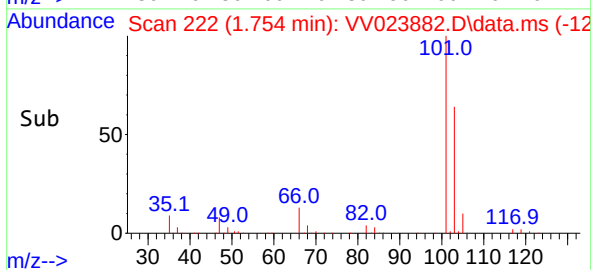
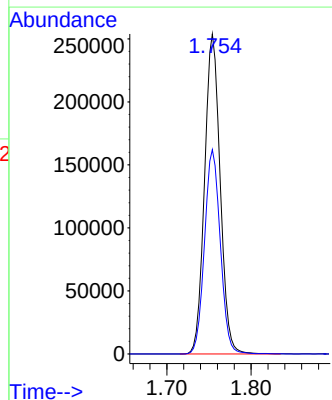
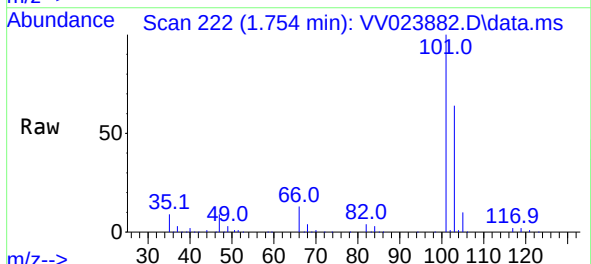
Instrument :
MSVOA_V
ClientSampleId :

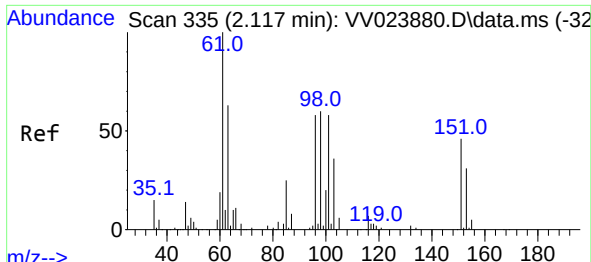
Tgt Ion: 64 Resp: 117210
Ion Ratio Lower Upper
64 100
66 33.0 21.4 39.8



#9
Trichlorofluoromethane
Concen: 20.259 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion:101 Resp: 328170
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

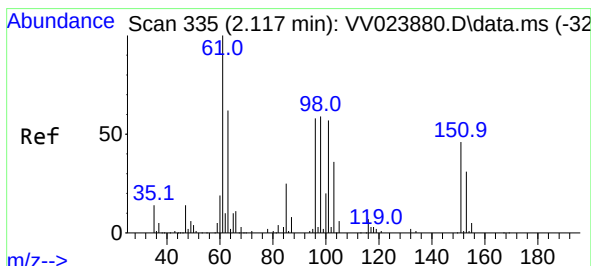
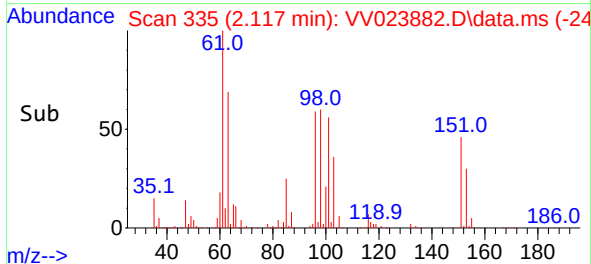
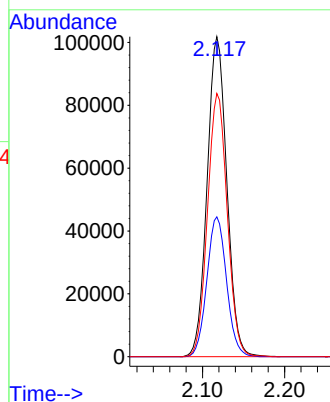
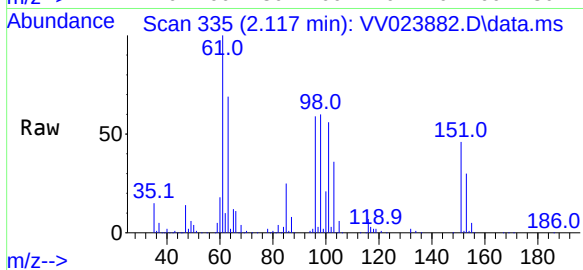




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.713 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

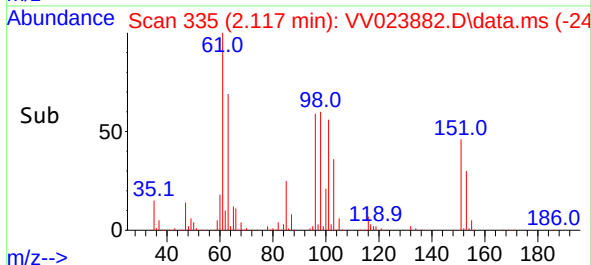
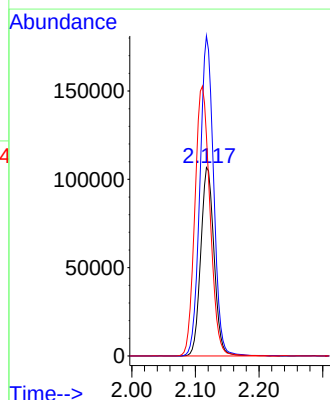
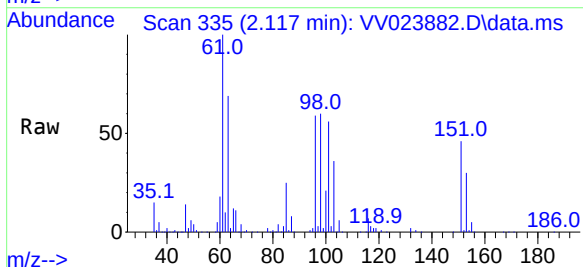
Instrument :
MSVOA_V
ClientSampleId :

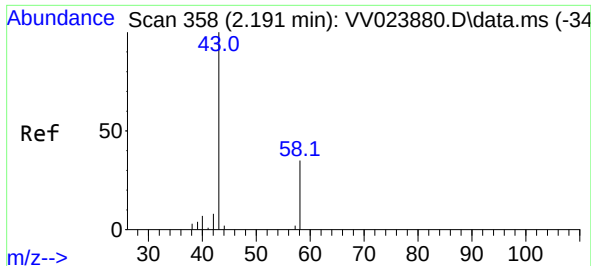
Tgt Ion:101 Resp: 169997
Ion Ratio Lower Upper
101 100
85 43.6 36.0 54.0
151 82.5 66.4 99.6



#12
1,1-Dichloroethene
Concen: 20.272 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion: 96 Resp: 155401
Ion Ratio Lower Upper
96 100
61 169.8 116.1 215.5
63 116.8 79.4 147.4





#13

Acetone

Concen: 257.456 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

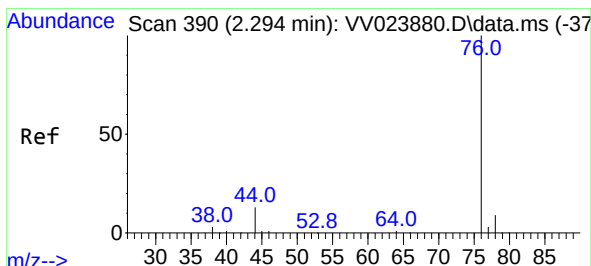
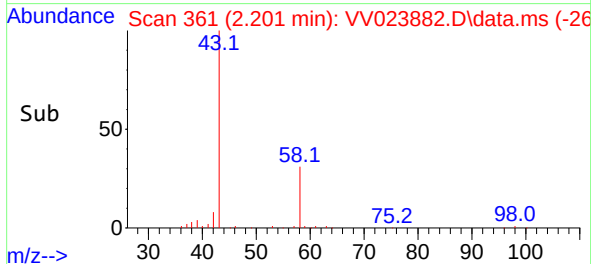
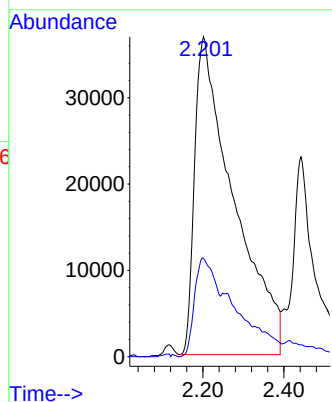
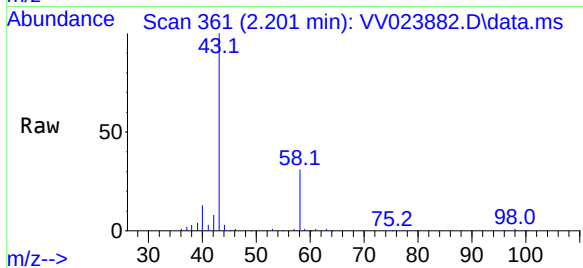
ClientSampleId :

Tgt Ion: 43 Resp: 245433

Ion Ratio Lower Upper

43 100

58 16.9 0.0 41.4



#14

Carbon disulfide

Concen: 18.034 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023882.D

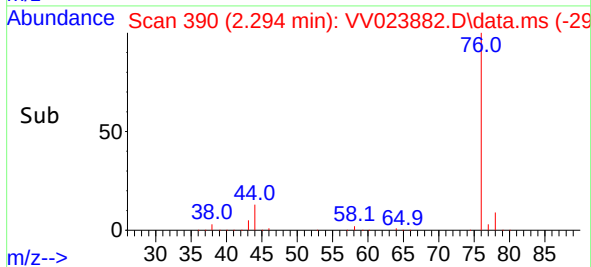
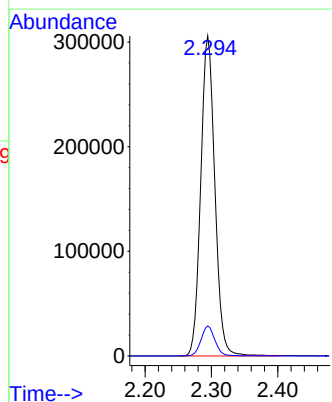
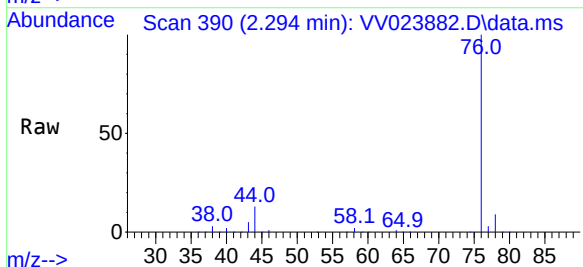
Acq: 10 Dec 2021 13:03

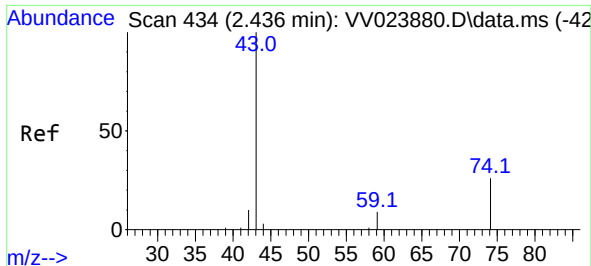
Tgt Ion: 76 Resp: 452453

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

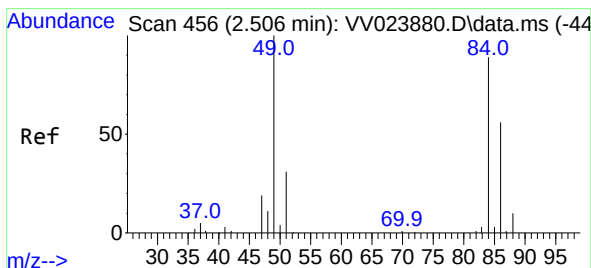
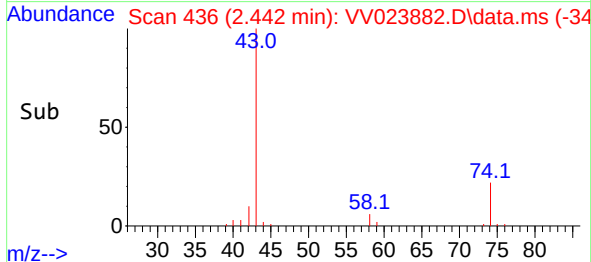
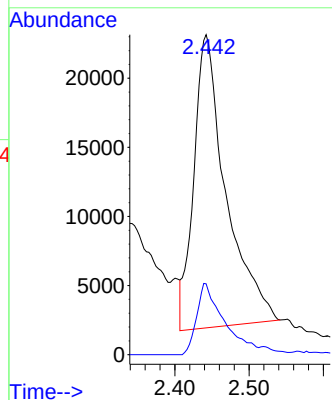
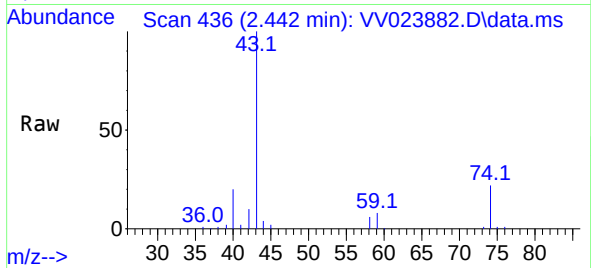




#15
Methyl Acetate
Concen: 28.482 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

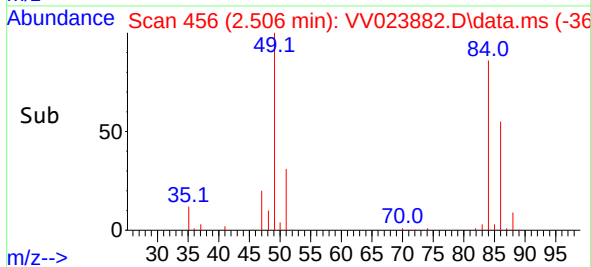
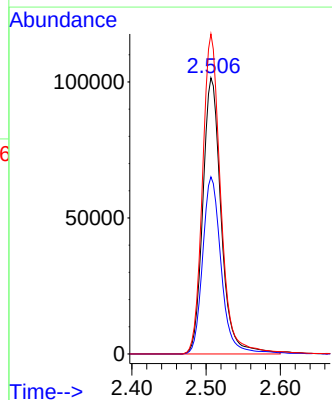
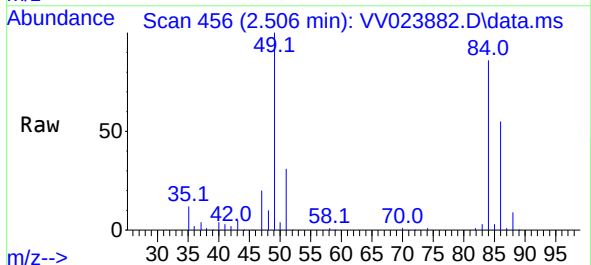
Instrument :
MSVOA_V
ClientSampleId :

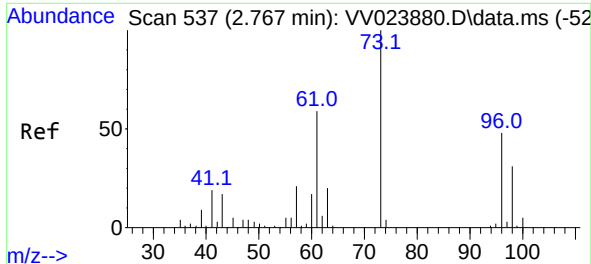
Tgt Ion: 43 Resp: 63772
Ion Ratio Lower Upper
43 100
74 20.7 20.2 30.2



#16
Methylene chloride
Concen: 15.842 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion: 84 Resp: 174329
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.0
49 115.9 79.7 147.9

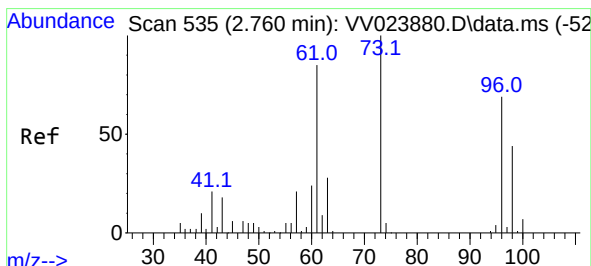
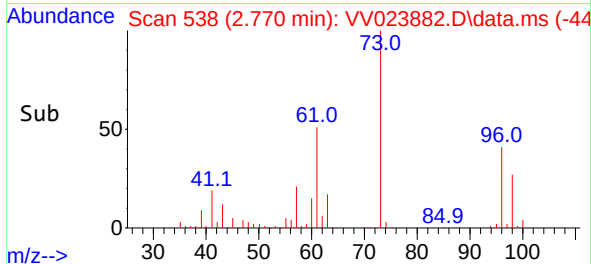
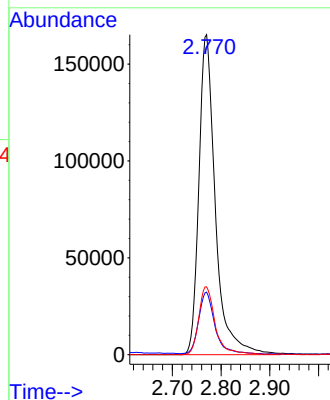
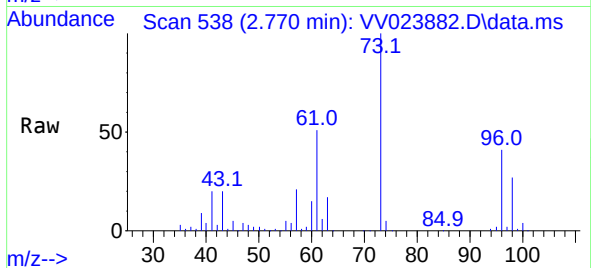




#17
Methyl tert-butyl Ether
Concen: 24.168 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

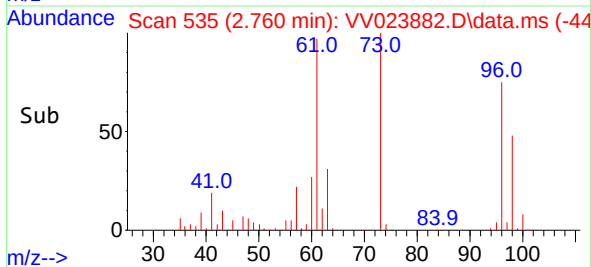
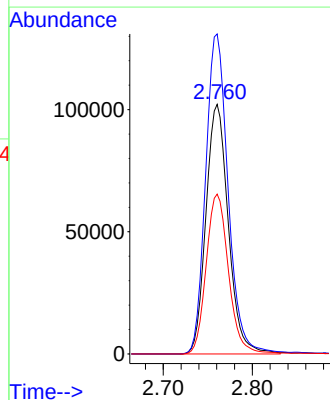
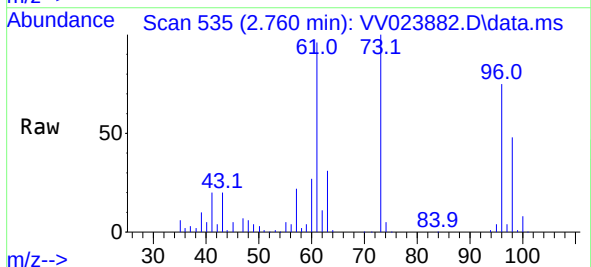
Instrument :
MSVOA_V
ClientSampleId :

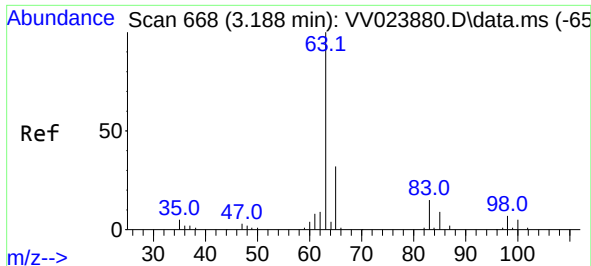
Tgt Ion: 73 Resp: 388562
Ion Ratio Lower Upper
73 100
43 18.7 15.5 23.3
57 21.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 20.421 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

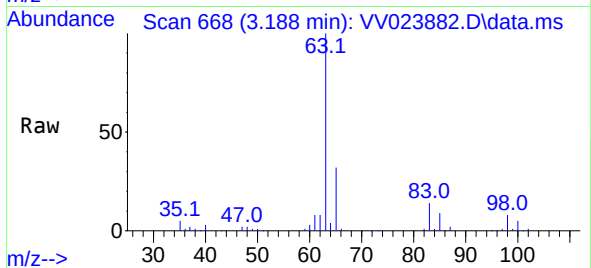
Tgt Ion: 96 Resp: 178324
Ion Ratio Lower Upper
96 100
61 128.2 88.2 163.8
98 64.0 44.9 83.5



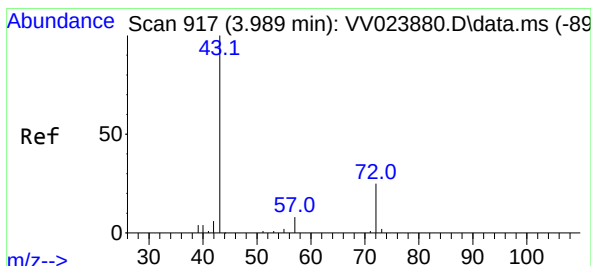
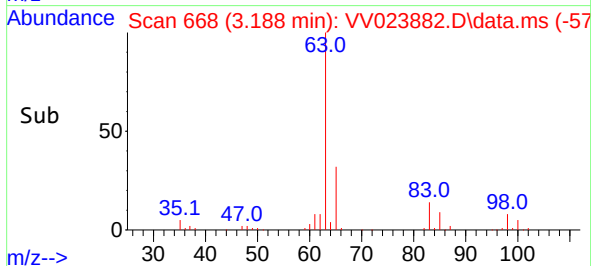
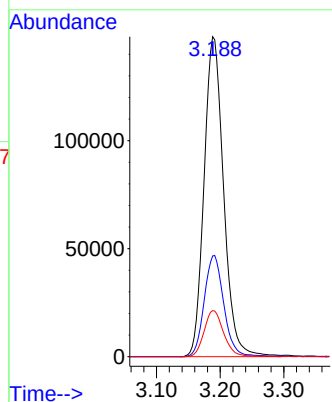


#19
1,1-Dichloroethane
Concen: 21.287 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Instrument :
MSVOA_V
ClientSampleId :

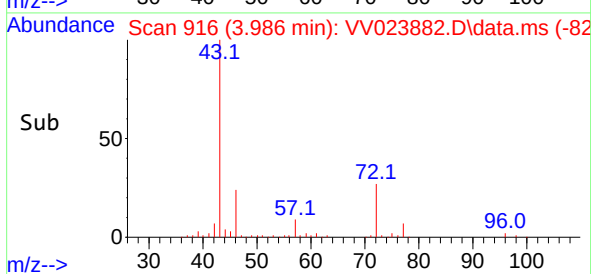
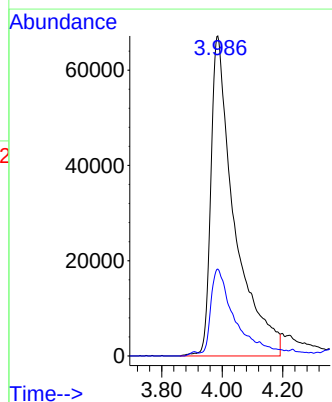
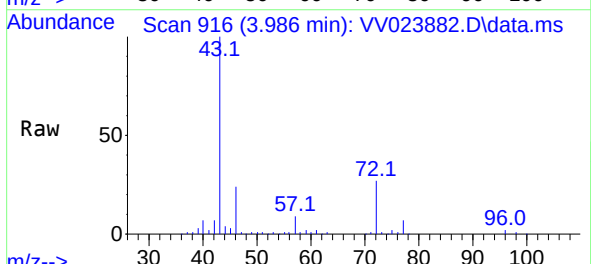


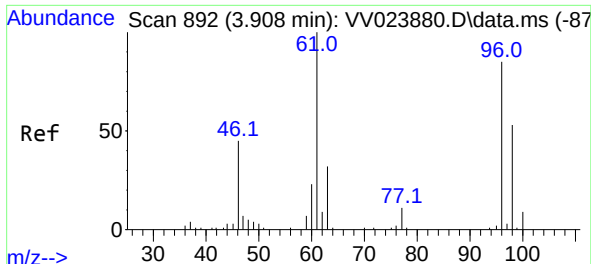
Tgt Ion: 63 Resp: 316407
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.3
83 14.4 10.7 19.9



#21
2-Butanone
Concen: 296.250 ug/L
RT: 3.986 min Scan# 916
Delta R.T. -0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

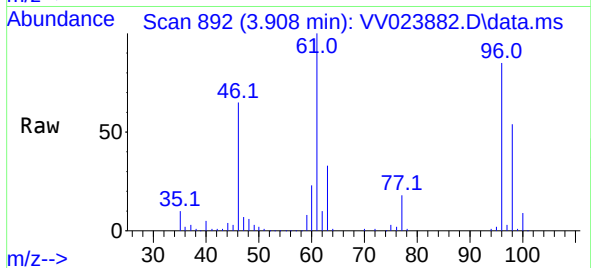
Tgt Ion: 43 Resp: 364447
Ion Ratio Lower Upper
43 100
72 23.6 11.1 33.1



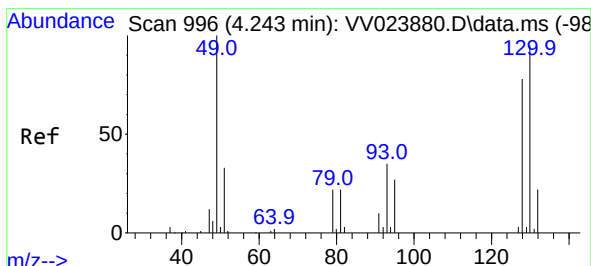
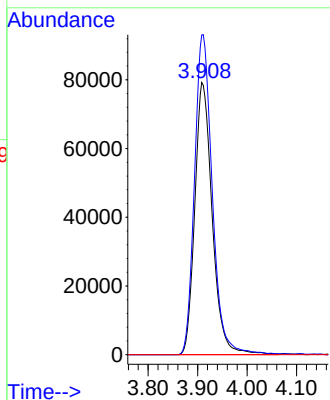
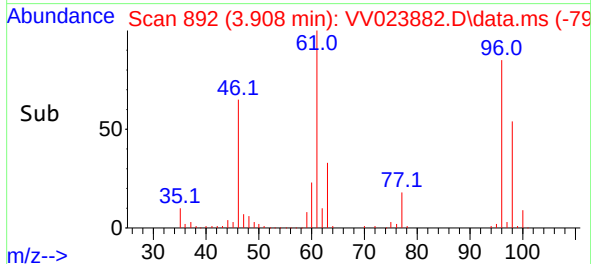


#22
cis-1,2-Dichloroethene
Concen: 22.800 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

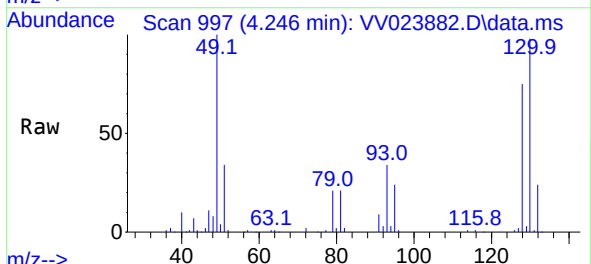
Instrument :
MSVOA_V
ClientSampleId :



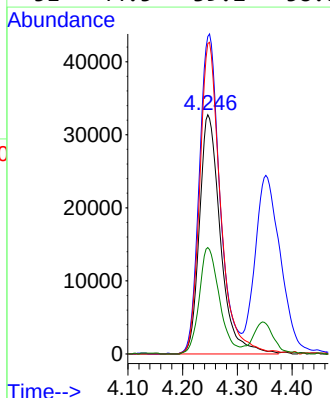
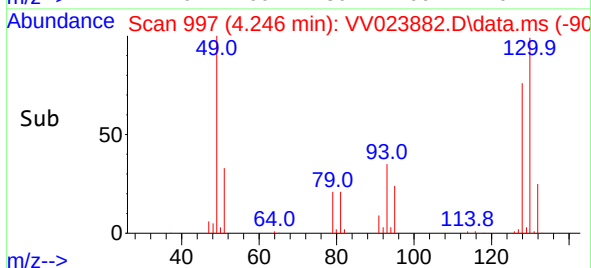
Tgt Ion: 96 Resp: 194960
Ion Ratio Lower Upper
96 100
61 117.5 83.4 154.8
68 0.0 0.0 0.0

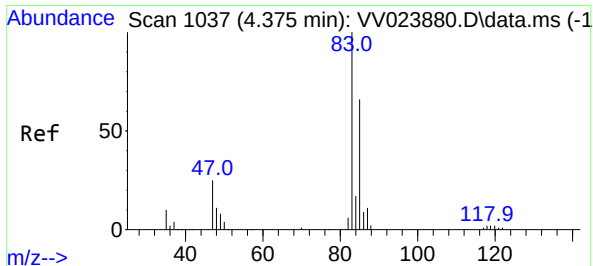


#23
Bromochloromethane
Concen: 21.797 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03



Tgt Ion: 128 Resp: 87042
Ion Ratio Lower Upper
128 100
49 132.7 100.2 186.2
130 129.7 92.5 171.7
51 44.5 39.2 58.8





#25

Chloroform

Concen: 20.852 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

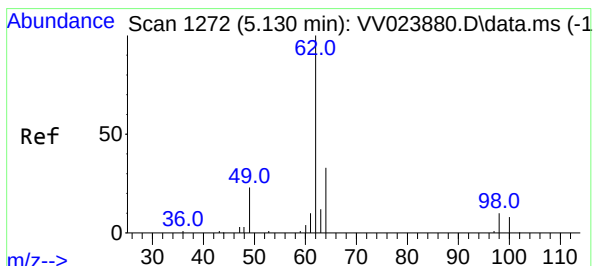
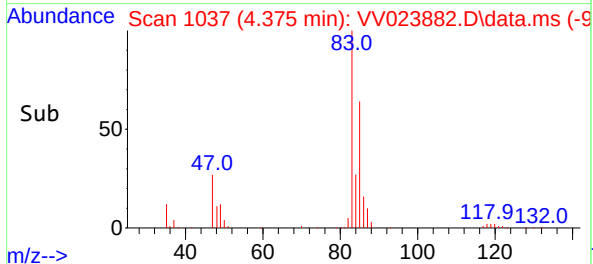
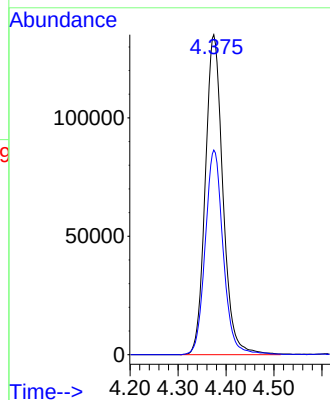
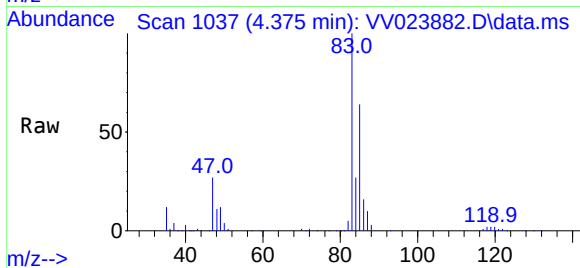
ClientSampleId :

Tgt Ion: 83 Resp: 345073

Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 22.496 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV023882.D

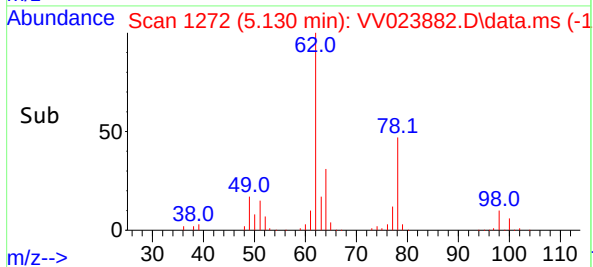
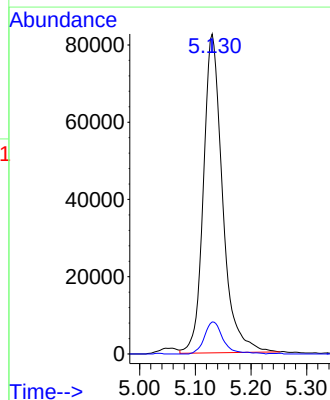
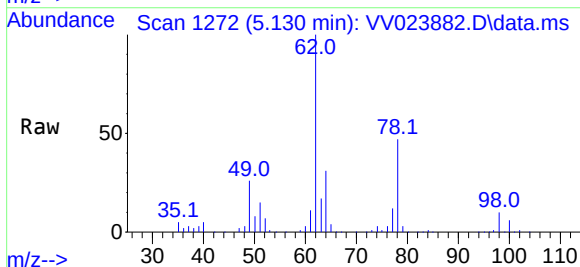
Acq: 10 Dec 2021 13:03

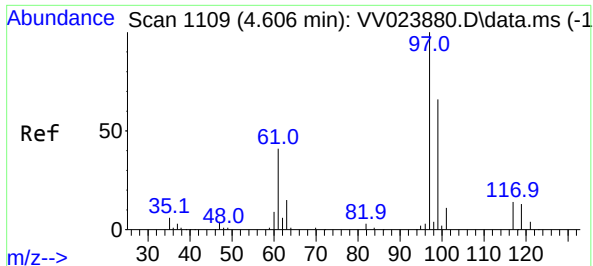
Tgt Ion: 62 Resp: 196981

Ion Ratio Lower Upper

62 100

98 10.0 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 21.564 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

ClientSampleId :

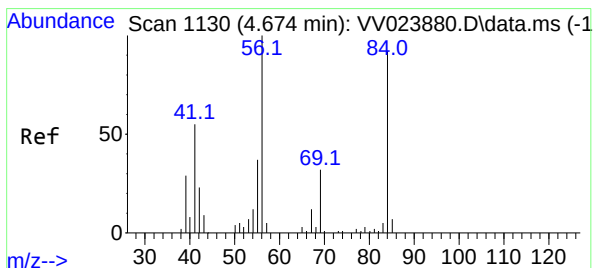
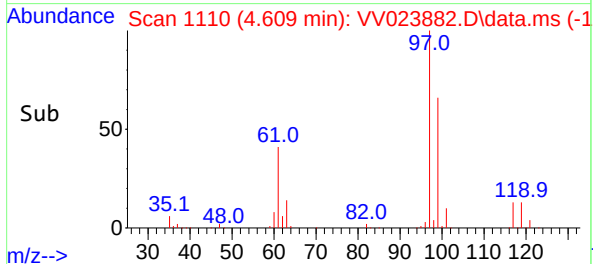
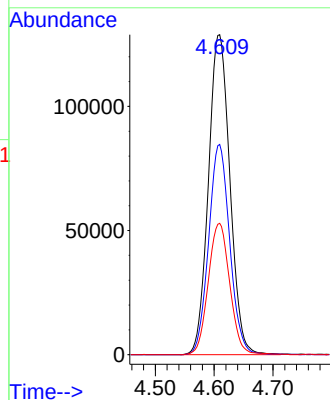
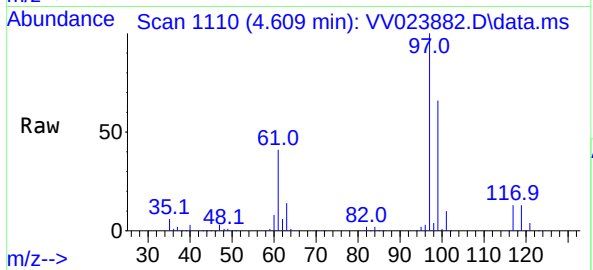
Tgt Ion: 97 Resp: 327439

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 41.2 33.2 49.8



#30

Cyclohexane

Concen: 21.497 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

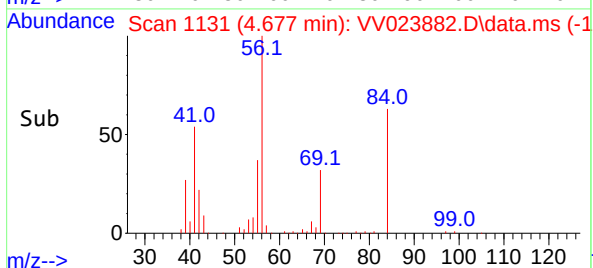
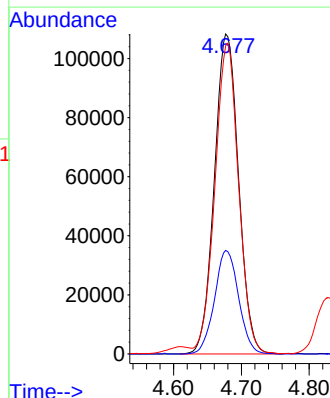
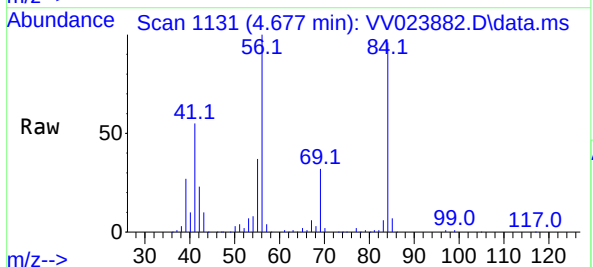
Tgt Ion: 56 Resp: 268387

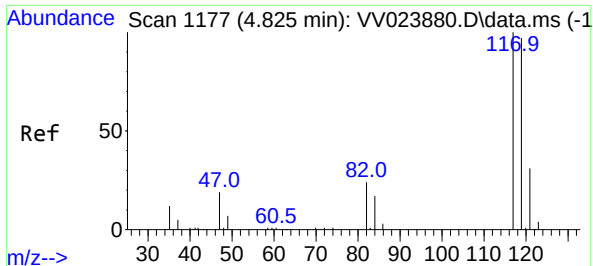
Ion Ratio Lower Upper

56 100

69 32.2 24.8 37.2

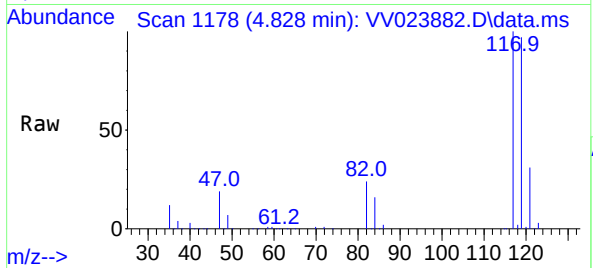
84 95.2 75.9 113.9



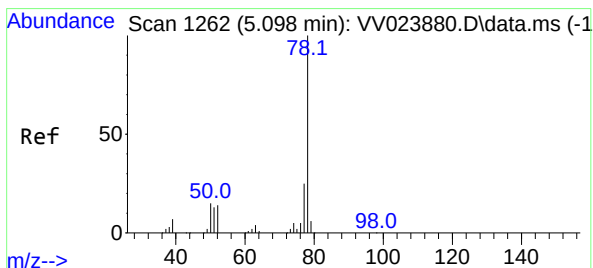
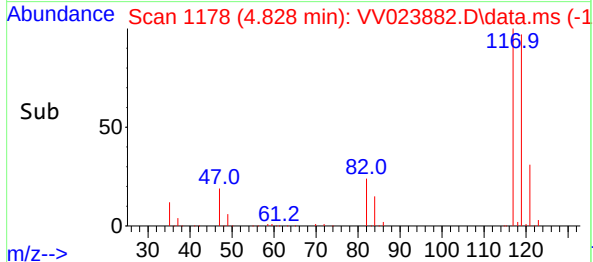
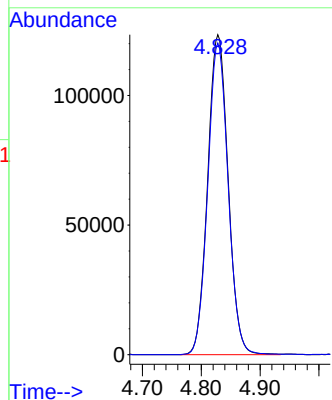


#31
Carbon tetrachloride
Concen: 21.503 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Instrument :
MSVOA_V
ClientSampleId :

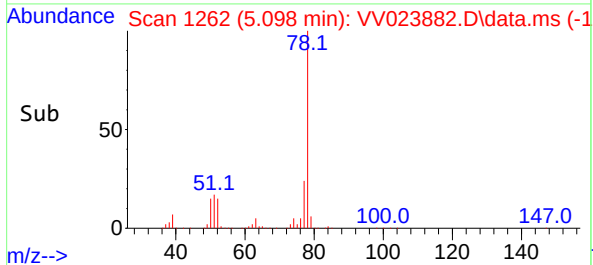
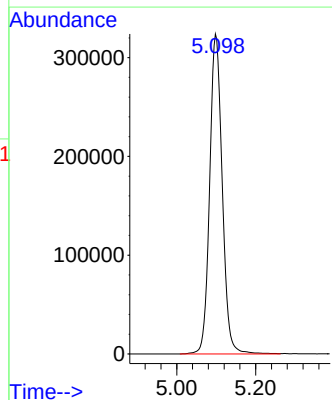
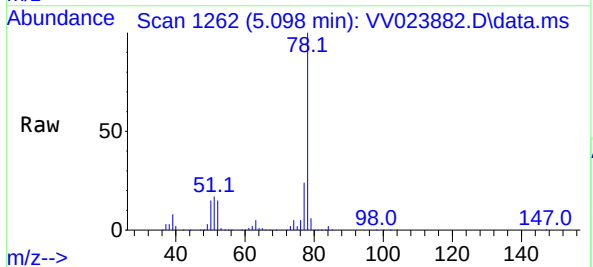


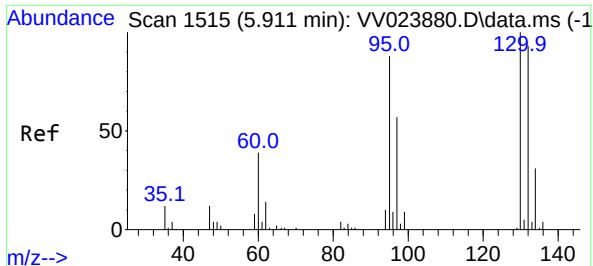
Tgt Ion:117 Resp: 298329
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 21.704 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

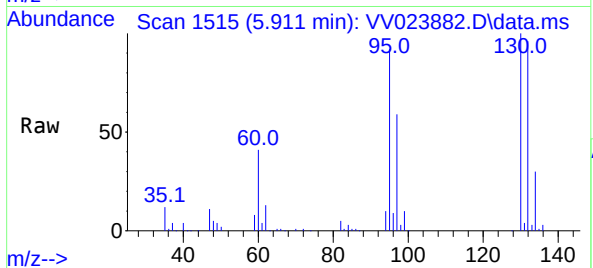
Tgt Ion: 78 Resp: 716925



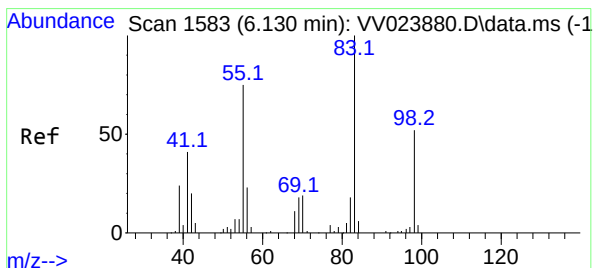
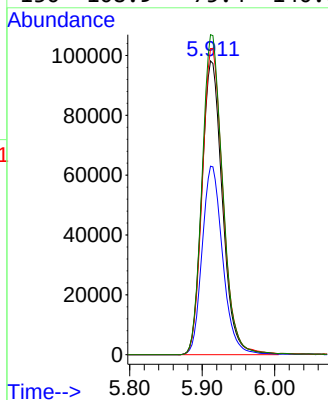
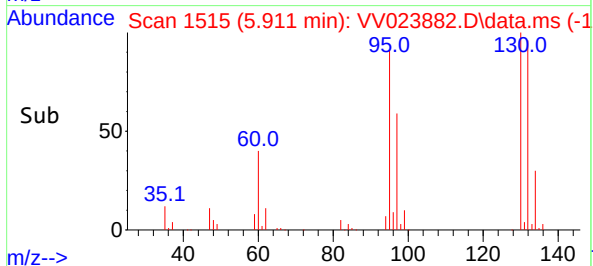


#34
Trichloroethene
Concen: 21.697 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

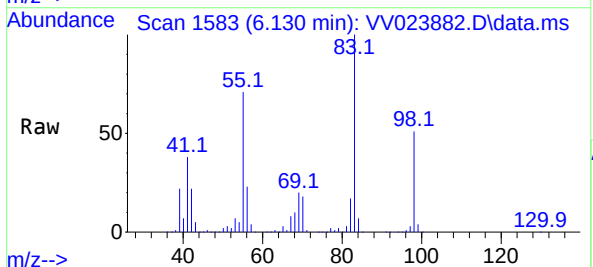
Instrument :
MSVOA_V
ClientSampleId :



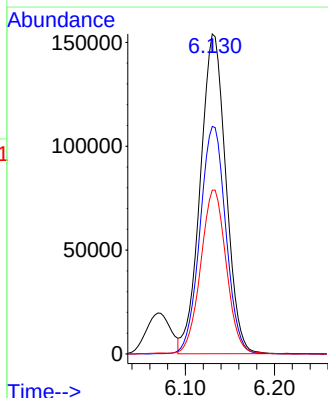
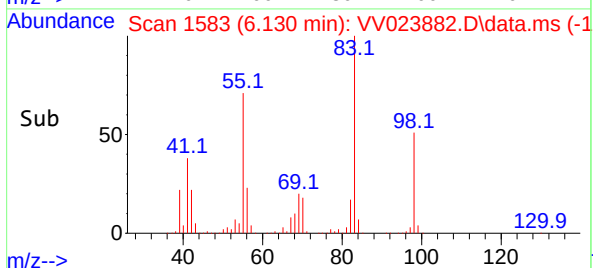
Tgt Ion: 95 Resp: 193649
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 104.2 76.1 141.3
130 108.9 75.4 140.0

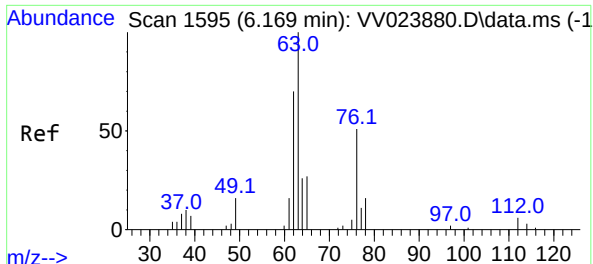


#35
Methylcyclohexane
Concen: 22.358 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03



Tgt Ion: 83 Resp: 306874
Ion Ratio Lower Upper
83 100
55 72.1 60.2 90.2
98 51.4 41.0 61.4

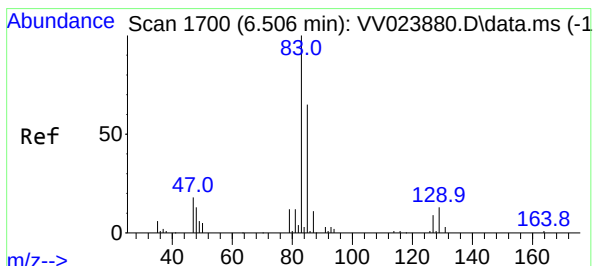
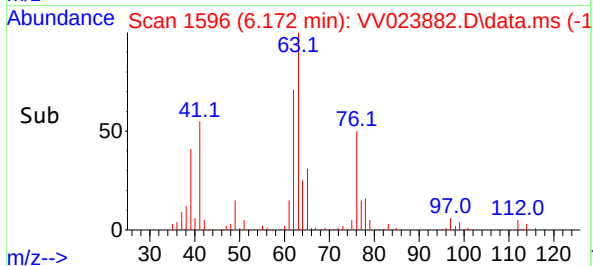
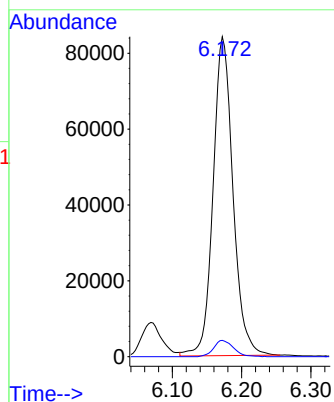
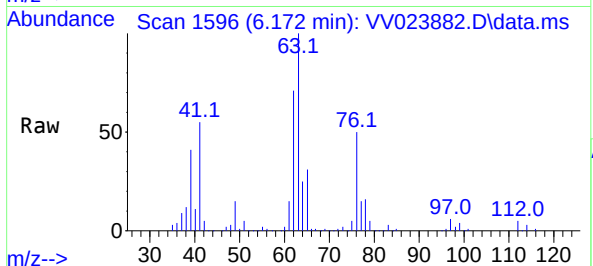




#37
1,2-Dichloropropane
Concen: 21.433 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

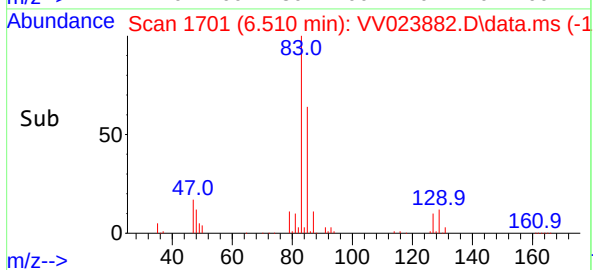
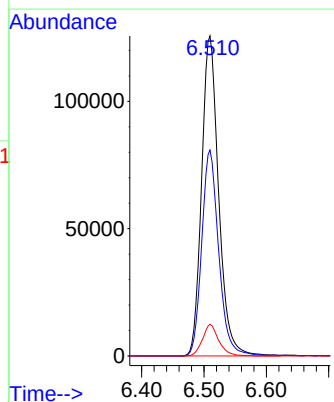
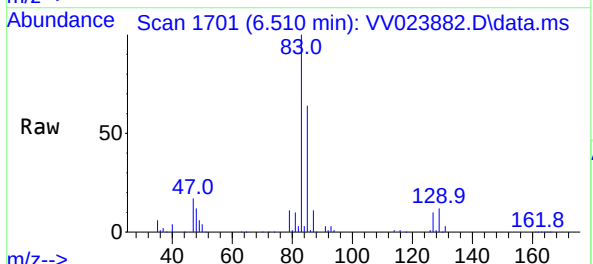
Instrument :
MSVOA_V
ClientSampleId :

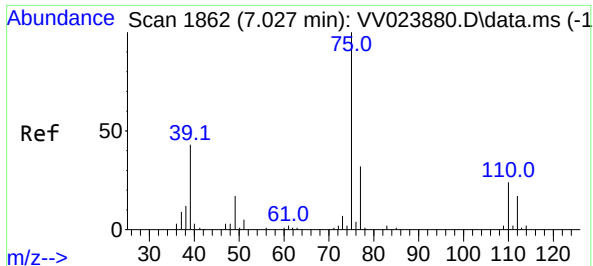
Tgt Ion: 63 Resp: 167787
Ion Ratio Lower Upper
63 100
112 5.1 4.3 6.5



#38
Bromodichloromethane
Concen: 22.272 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion: 83 Resp: 238920
Ion Ratio Lower Upper
83 100
85 64.4 44.0 81.8
127 9.9 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 23.581 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

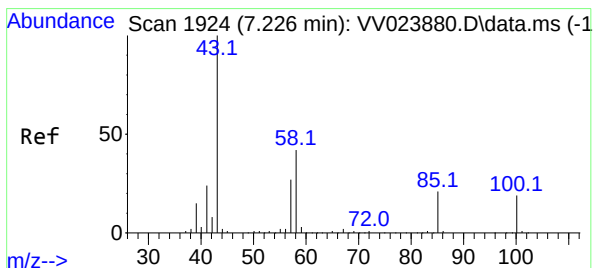
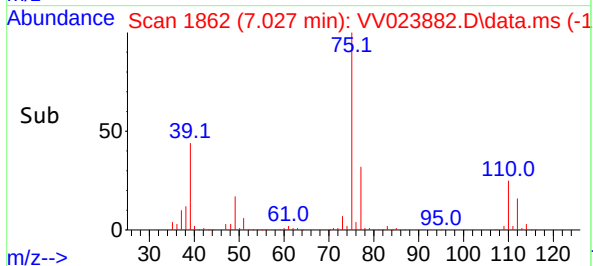
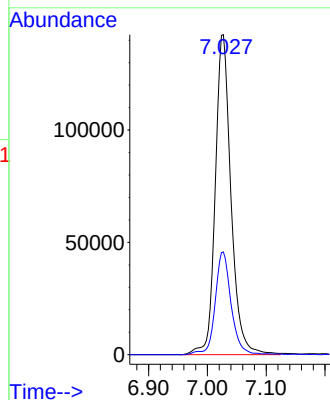
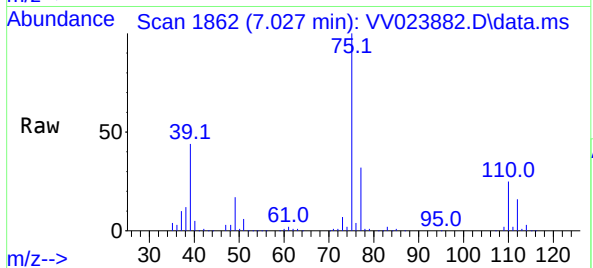
ClientSampleId :

Tgt Ion: 75 Resp: 265538

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 238.314 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

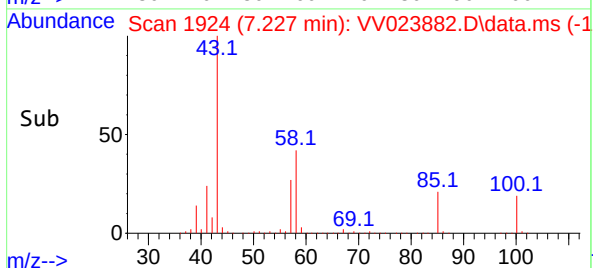
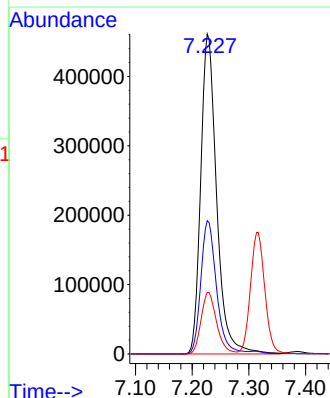
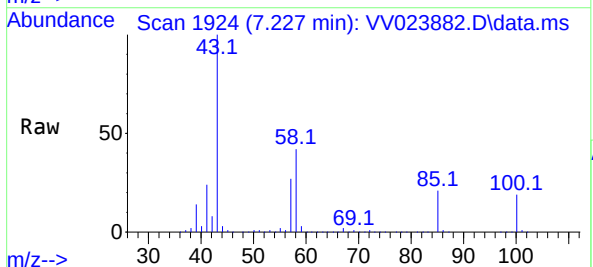
Tgt Ion: 43 Resp: 899149

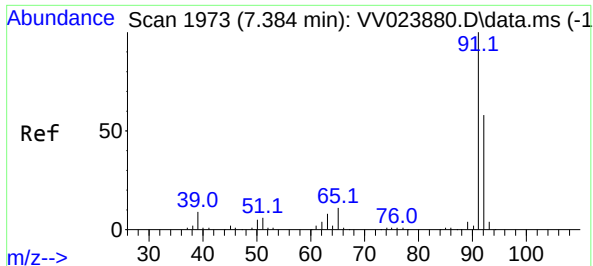
Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5

100 18.8 13.0 19.6





#42

Toluene

Concen: 22.576 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

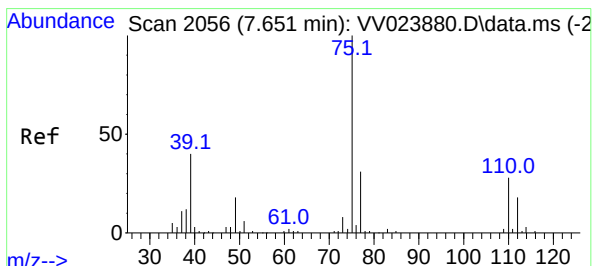
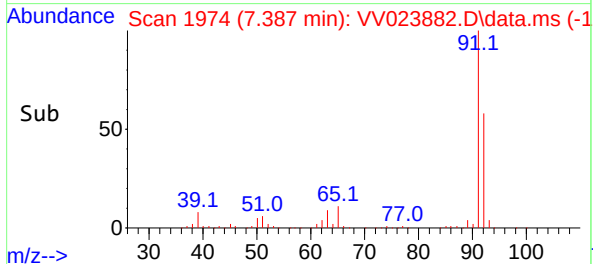
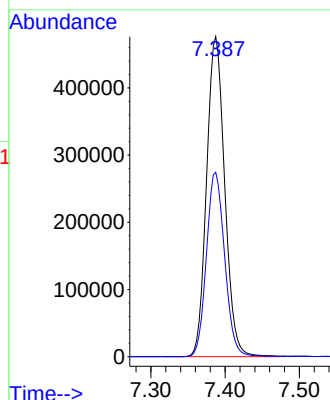
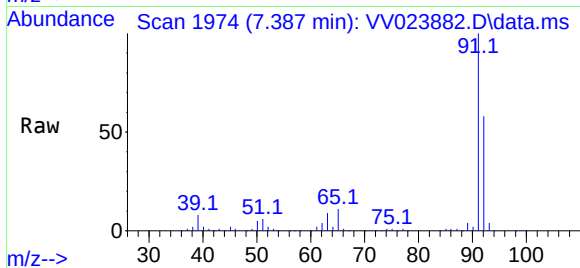
ClientSampleId :

Tgt Ion: 91 Resp: 807378

Ion Ratio Lower Upper

91 100

92 57.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 23.699 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023882.D

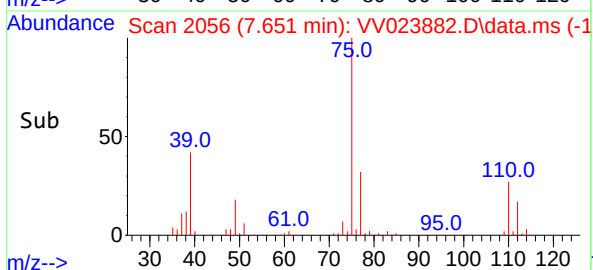
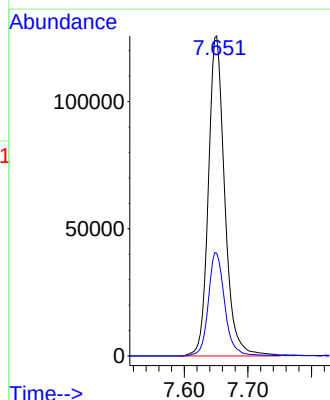
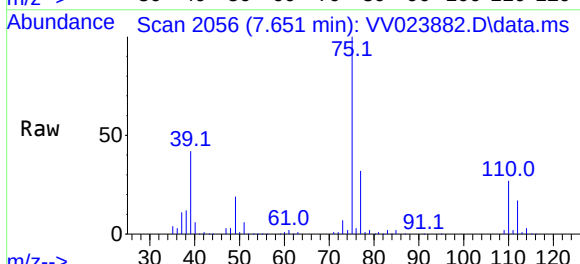
Acq: 10 Dec 2021 13:03

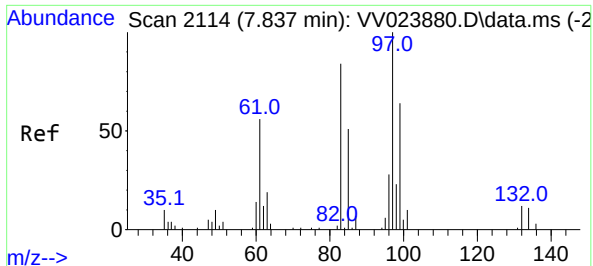
Tgt Ion: 75 Resp: 224569

Ion Ratio Lower Upper

75 100

77 32.1 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 22.225 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 122234

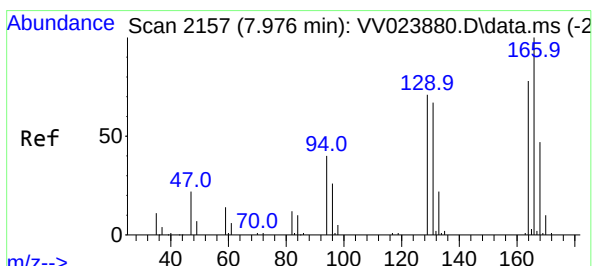
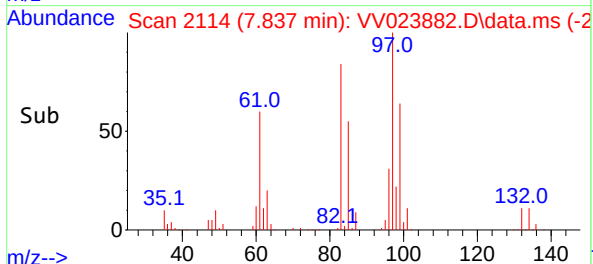
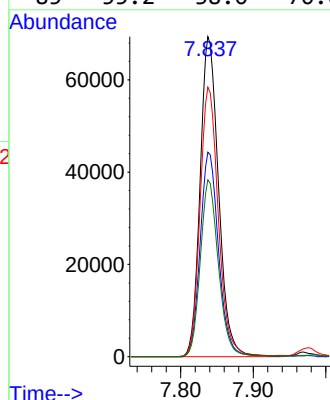
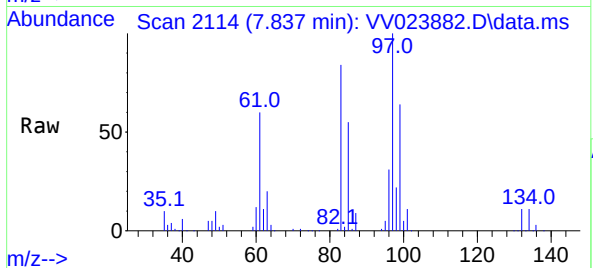
Ion Ratio Lower Upper

97 100

99 63.9 43.1 80.1

83 84.2 57.9 107.5

85 55.2 38.0 70.6



#47

Tetrachloroethene

Concen: 21.467 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Tgt Ion:164 Resp: 173644

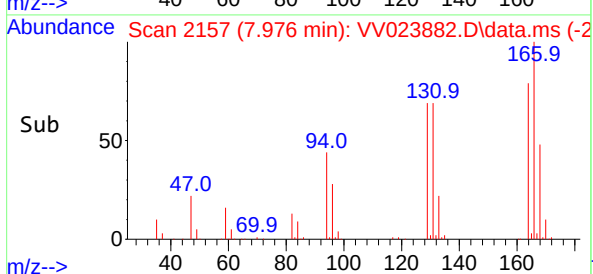
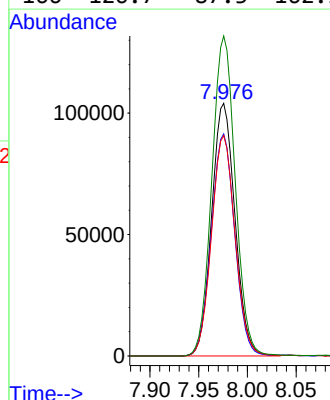
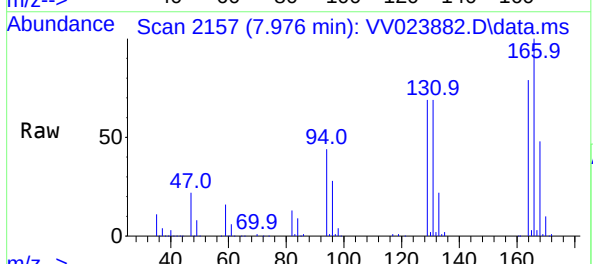
Ion Ratio Lower Upper

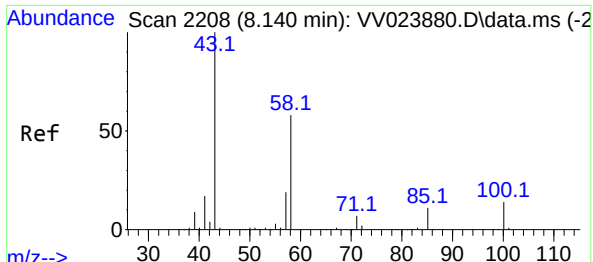
164 100

129 87.9 62.6 116.2

131 87.2 61.0 113.4

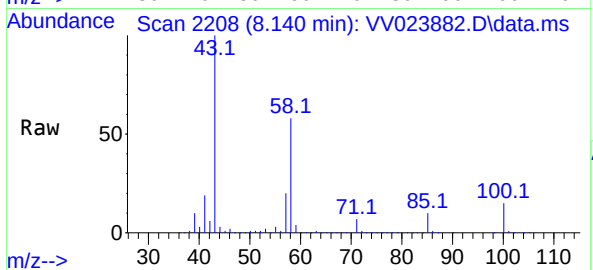
166 126.7 87.3 162.1



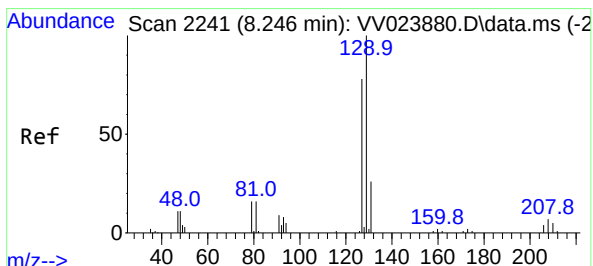
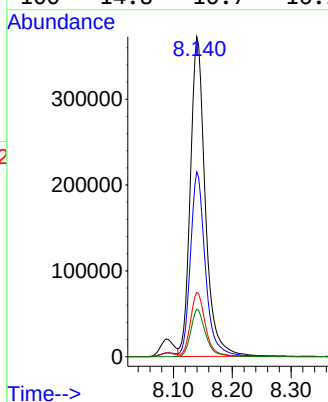
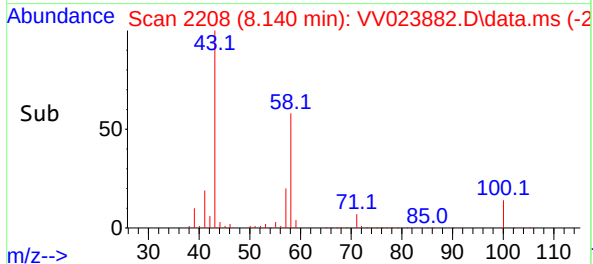


#48
2-Hexanone
Concen: 236.067 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Instrument :
MSVOA_V
ClientSampleId :

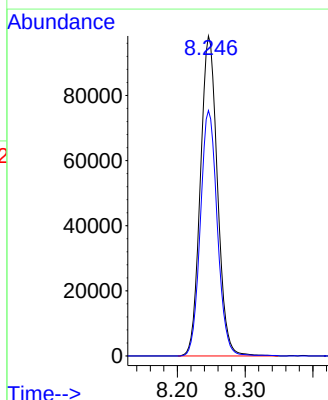
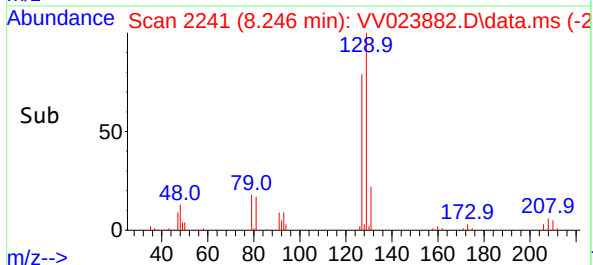
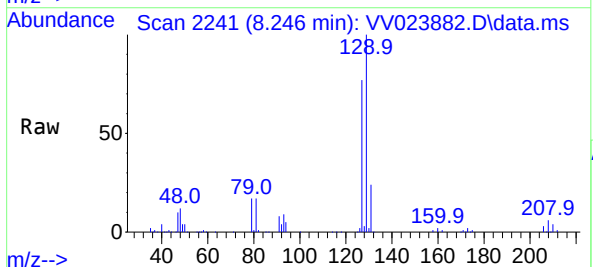


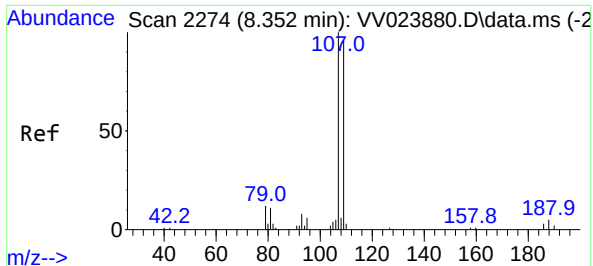
Tgt Ion: 43 Resp: 657459
Ion Ratio Lower Upper
43 100
58 57.5 44.5 66.7
57 20.0 15.1 22.7
100 14.8 10.7 16.1



#49
Dibromochloromethane
Concen: 22.768 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

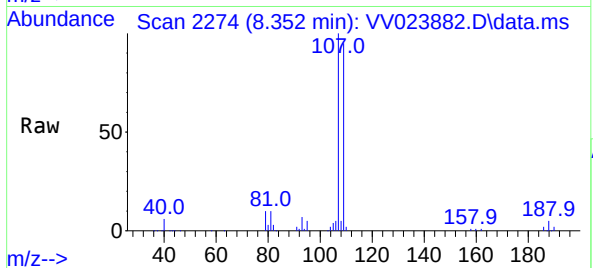
Tgt Ion: 129 Resp: 171507
Ion Ratio Lower Upper
129 100
127 76.7 53.5 99.3



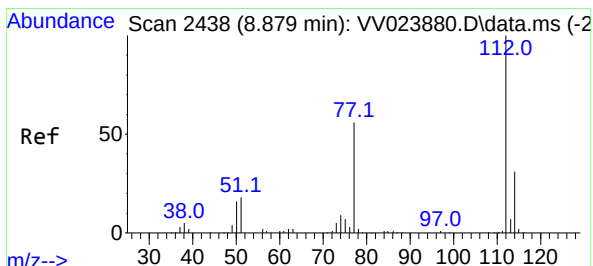
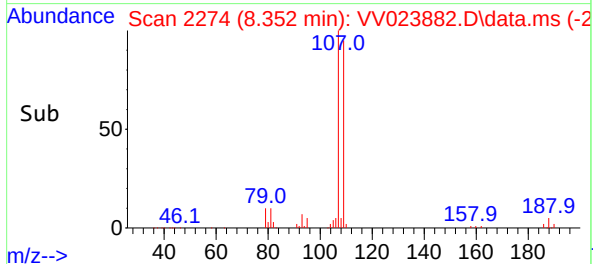
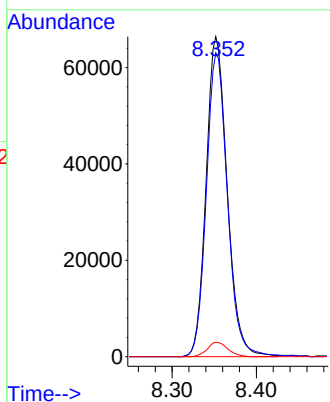


#50
1,2-Dibromoethane
Concen: 21.825 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Instrument :
MSVOA_V
ClientSampleId :

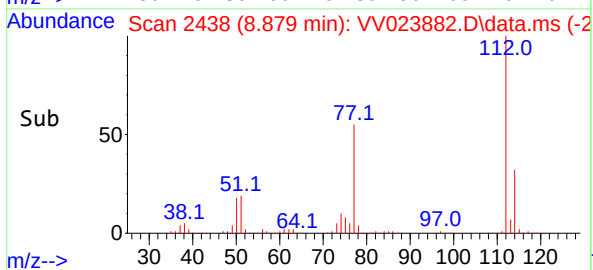
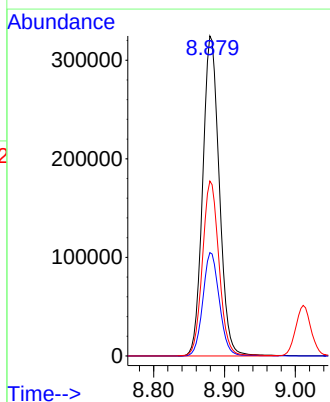
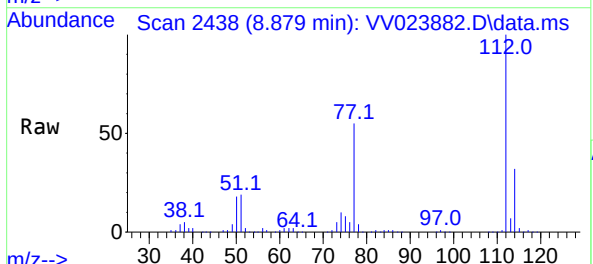


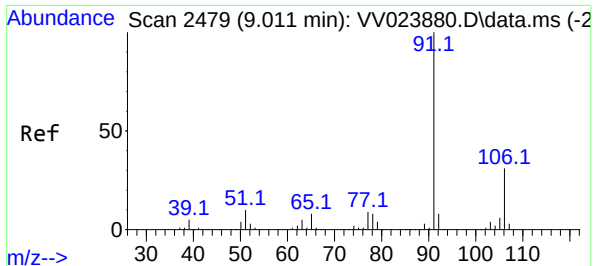
Tgt Ion:107 Resp: 115625
Ion Ratio Lower Upper
107 100
109 95.0 62.5 116.1
188 4.5 3.4 5.2



#51
Chlorobenzene
Concen: 22.072 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion:112 Resp: 527227
Ion Ratio Lower Upper
112 100
114 32.3 23.3 43.3
77 54.7 43.3 64.9





#52

Ethylbenzene

Concen: 23.761 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

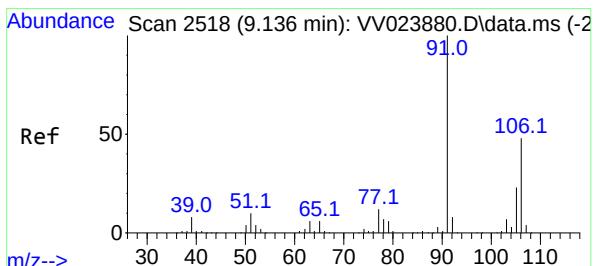
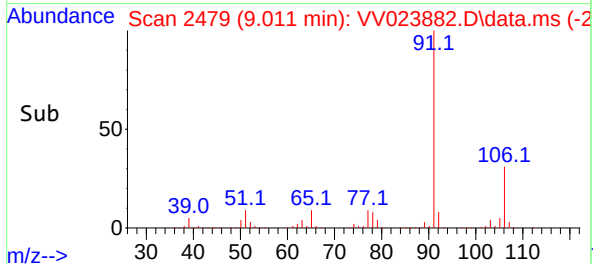
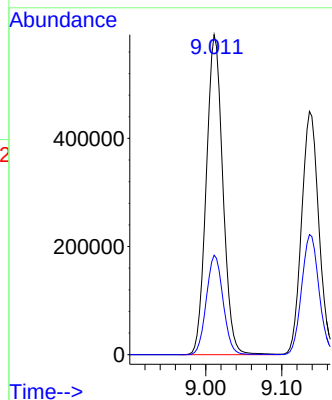
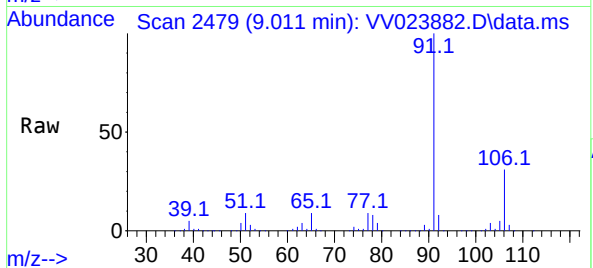
ClientSampleId :

Tgt Ion: 91 Resp: 896520

Ion Ratio Lower Upper

91 100

106 31.1 22.0 41.0



#53

m,p-xylene

Concen: 23.729 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV023882.D

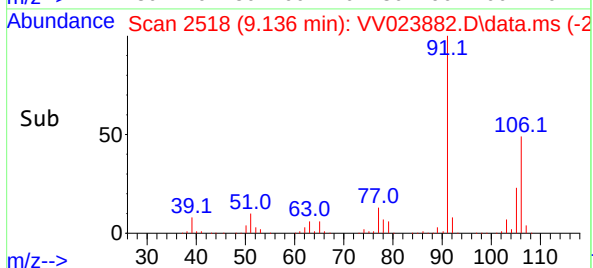
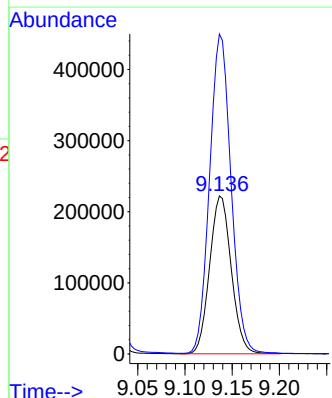
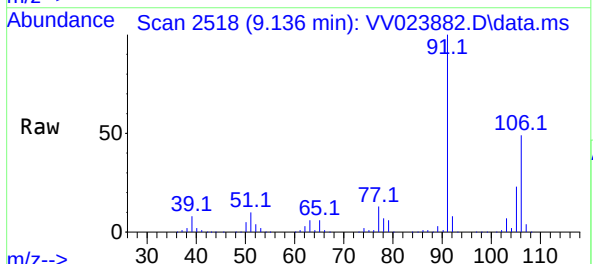
Acq: 10 Dec 2021 13:03

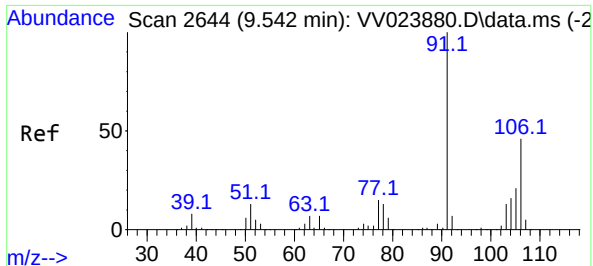
Tgt Ion:106 Resp: 353191

Ion Ratio Lower Upper

106 100

91 202.4 139.5 259.1

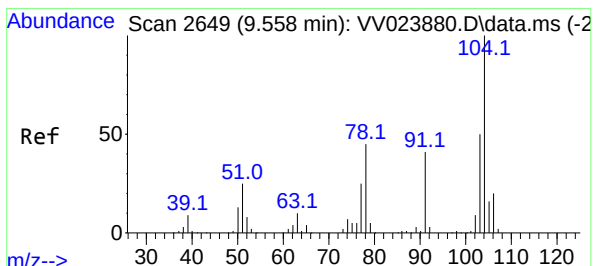
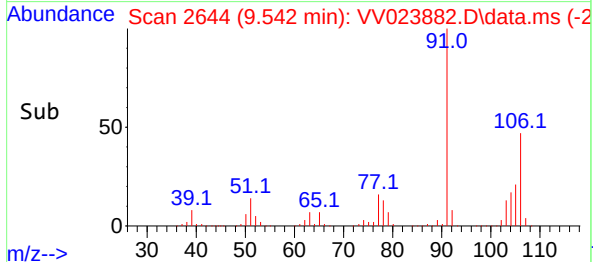
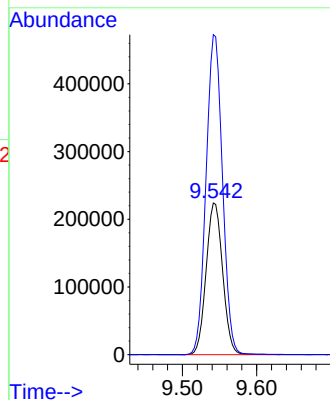
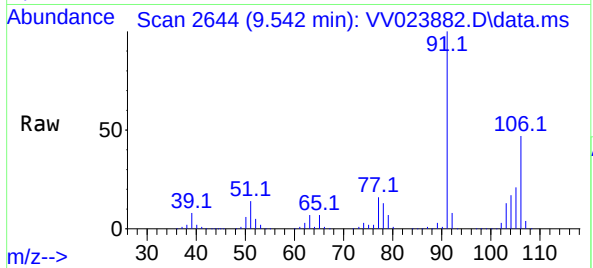




#54
o-xylene
Concen: 24.179 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

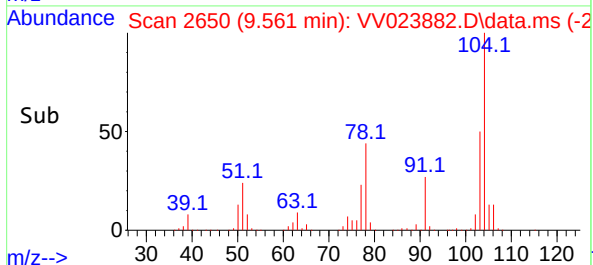
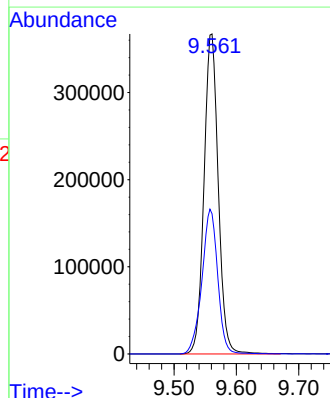
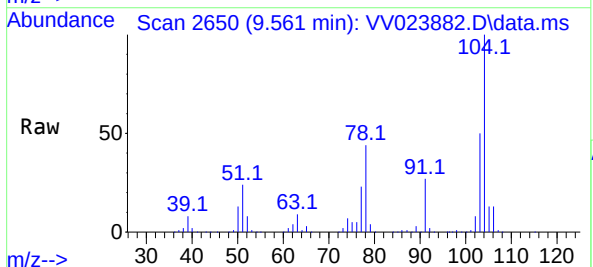
Instrument :
MSVOA_V
ClientSampleId :

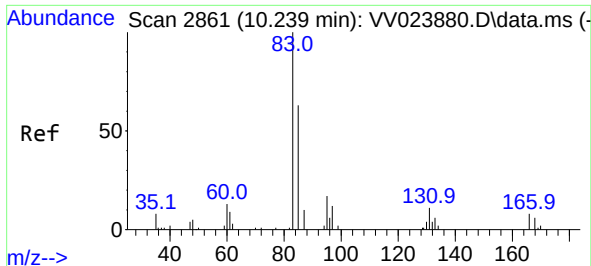
Tgt Ion:106 Resp: 345304
Ion Ratio Lower Upper
106 100
91 210.9 147.9 274.7



#55
Styrene
Concen: 24.448 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion:104 Resp: 584402
Ion Ratio Lower Upper
104 100
78 43.8 31.0 57.6

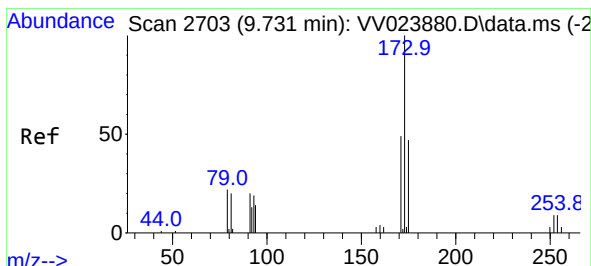
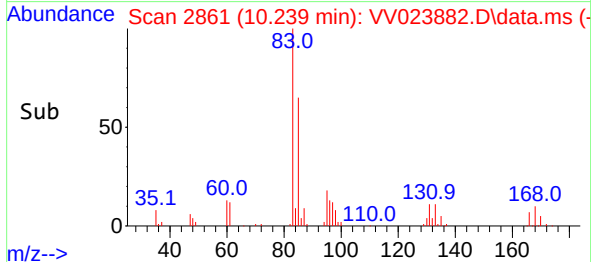
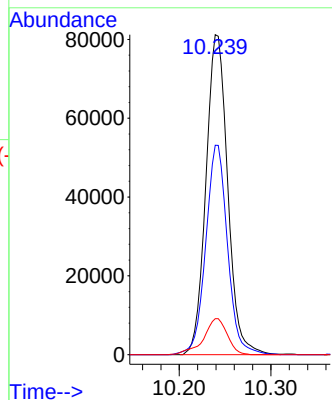
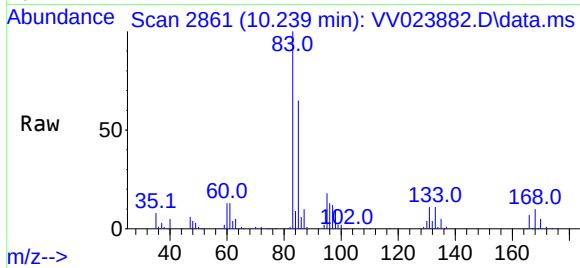




#57
1,1,2,2-Tetrachloroethane
Concen: 22.093 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

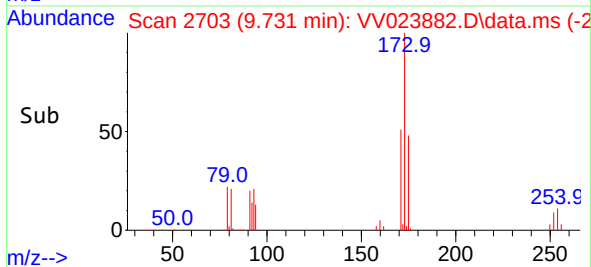
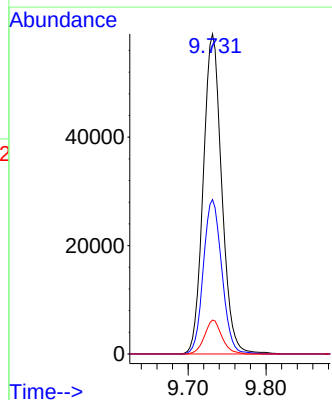
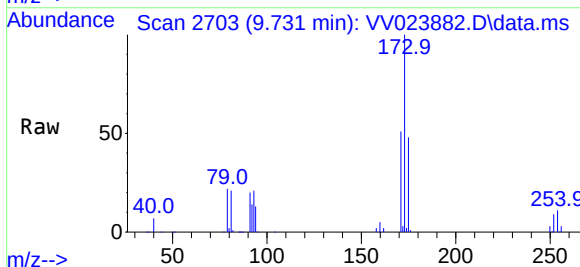
Instrument :
MSVOA_V
ClientSampleId :

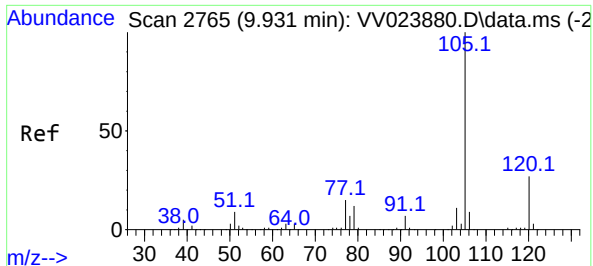
Tgt Ion: 83 Resp: 133986
Ion Ratio Lower Upper
83 100
85 65.5 44.6 82.8
131 11.3 8.3 12.5



#59
Bromoform
Concen: 20.454 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion: 173 Resp: 97278
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 9.9 7.4 11.0

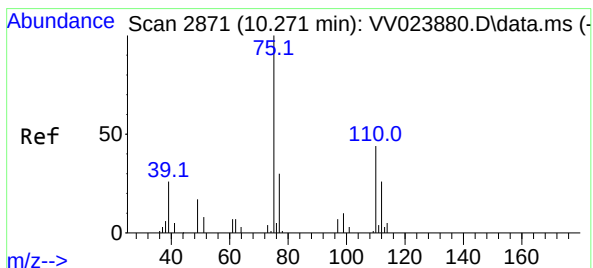
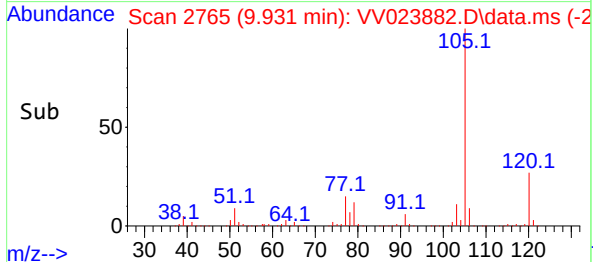
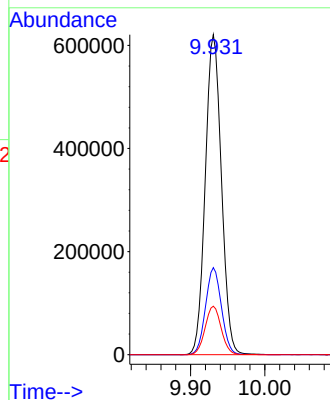
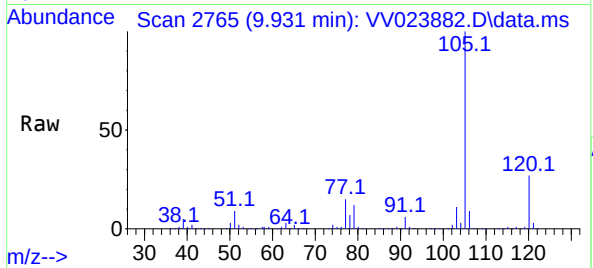




#60
Isopropylbenzene
Concen: 21.937 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

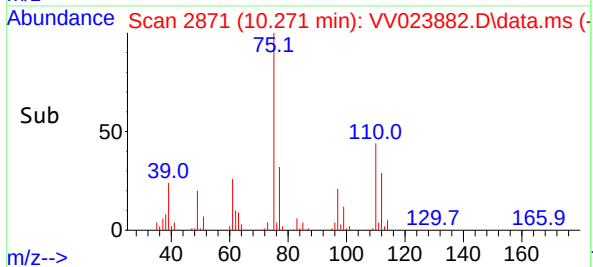
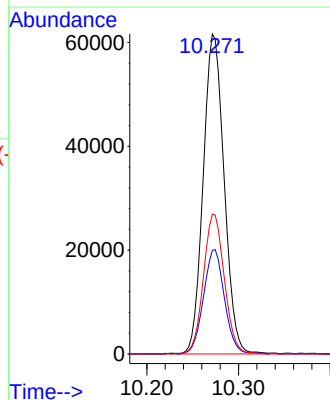
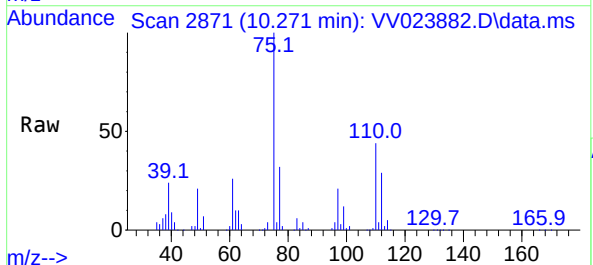
Instrument :
MSVOA_V
ClientSampleId :

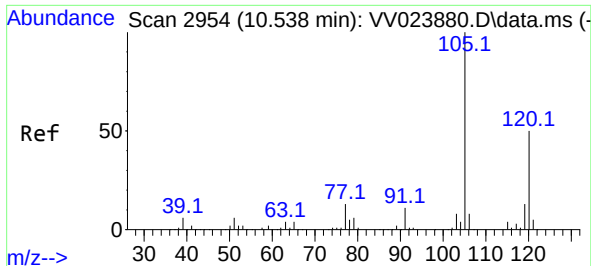
Tgt Ion:105 Resp: 934285
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 19.307 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion: 75 Resp: 97857
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
110 43.6 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 23.011 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023882.D

Acq: 10 Dec 2021 13:03

Instrument :

MSVOA_V

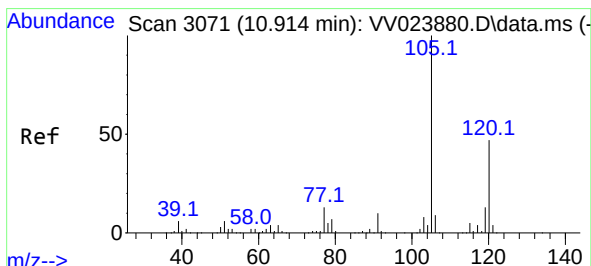
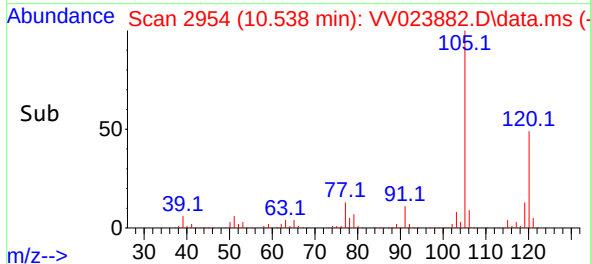
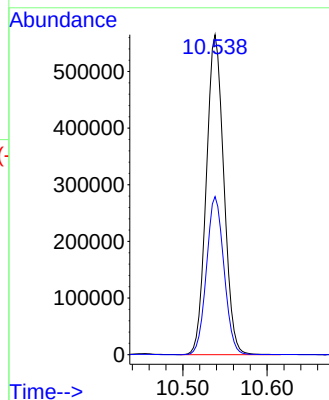
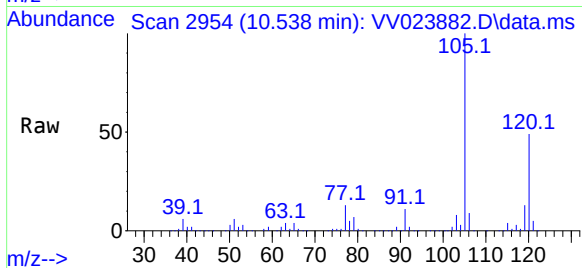
ClientSampleId :

Tgt Ion:105 Resp: 816812

Ion Ratio Lower Upper

105 100

120 49.5 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 23.331 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV023882.D

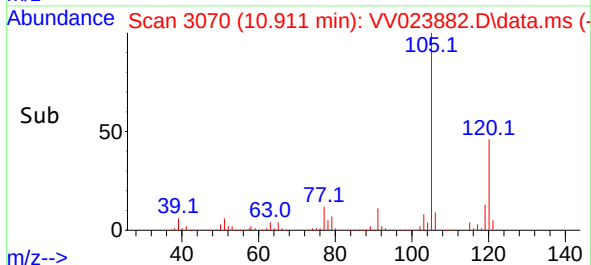
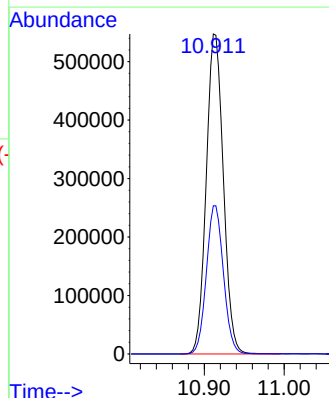
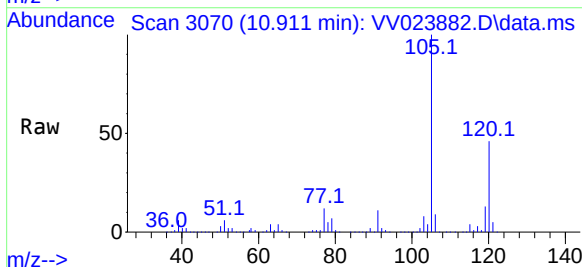
Acq: 10 Dec 2021 13:03

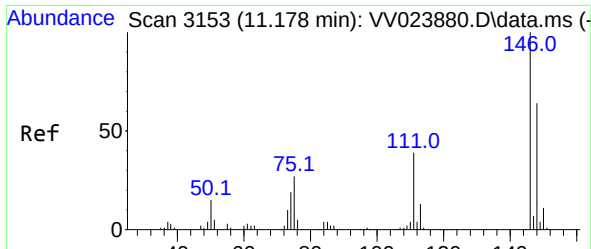
Tgt Ion:105 Resp: 815331

Ion Ratio Lower Upper

105 100

120 46.1 36.7 55.1

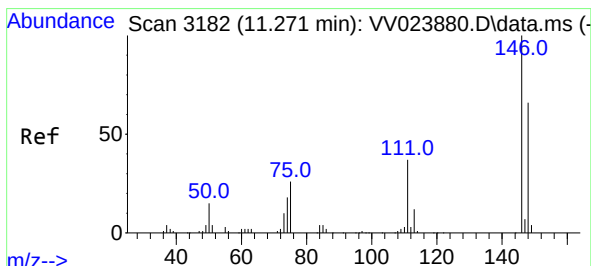
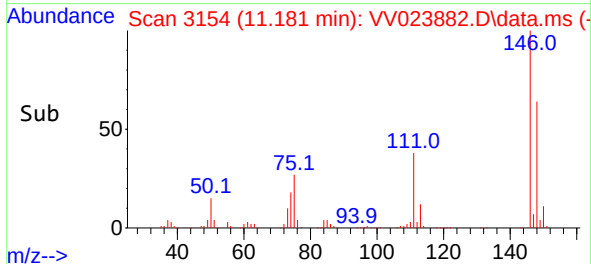
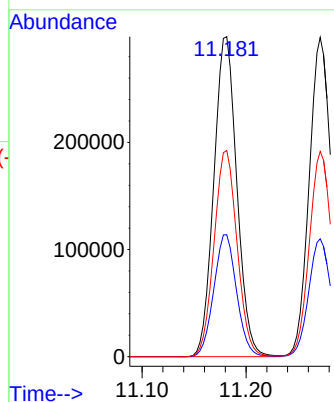
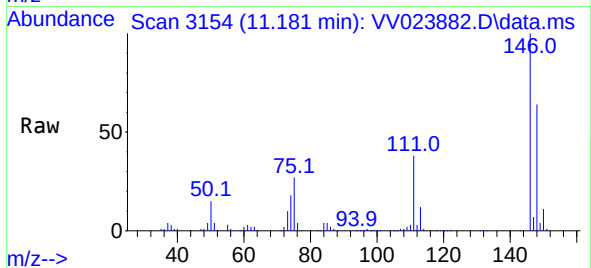




#64
1,3-Dichlorobenzene
Concen: 21.008 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

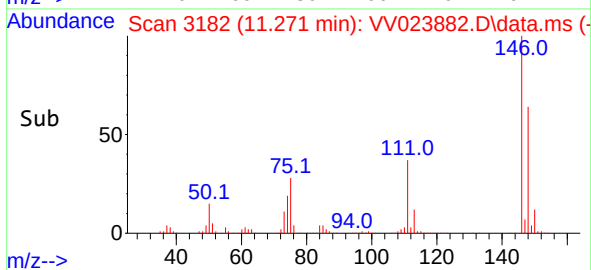
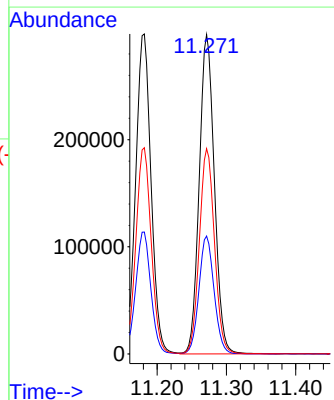
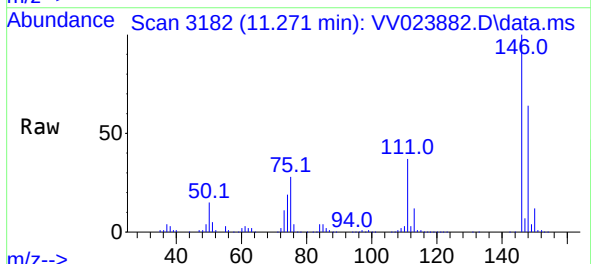
Instrument :
MSVOA_V
ClientSampleId :

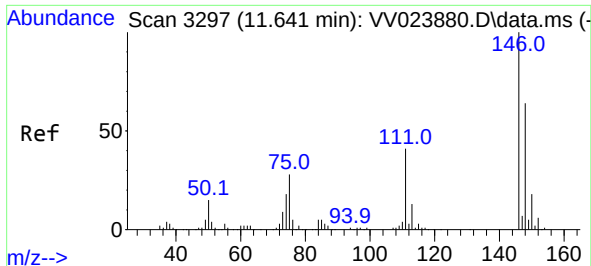
Tgt Ion:146 Resp: 459764
Ion Ratio Lower Upper
146 100
111 38.1 26.3 48.9
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 20.613 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Tgt Ion:146 Resp: 452806
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 64.3 44.8 83.2

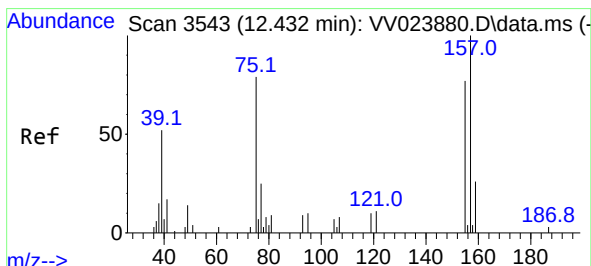
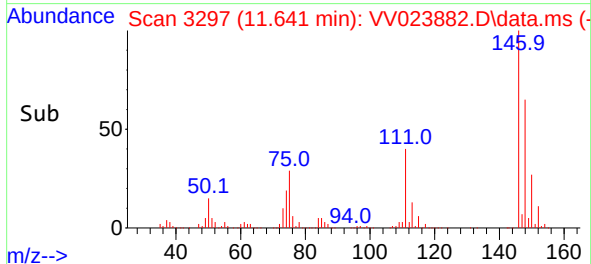
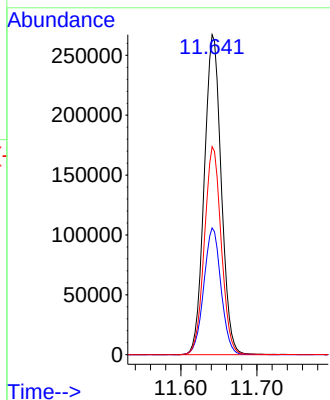
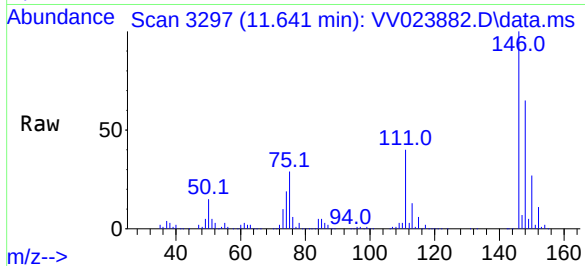




#67
1,2-Dichlorobenzene
Concen: 20.698 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

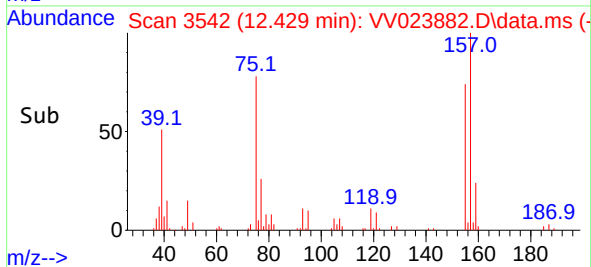
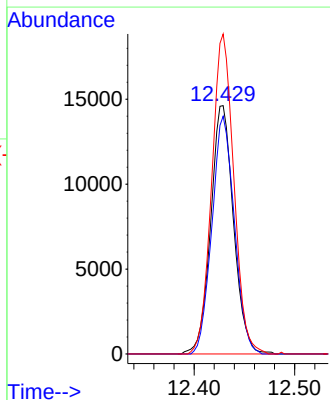
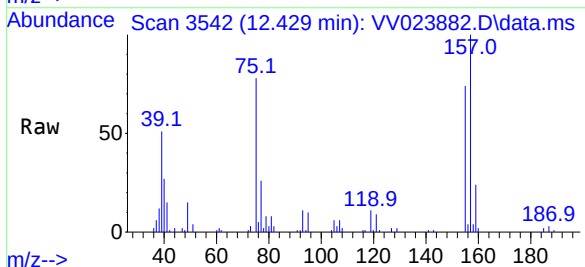
Instrument :
MSVOA_V
ClientSampleId :

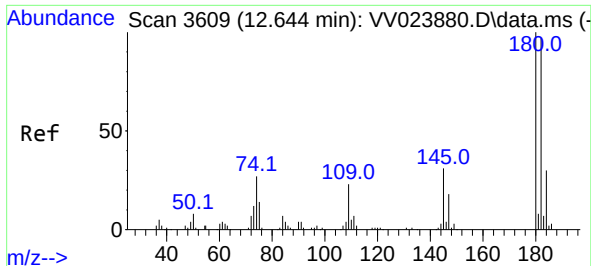
Tgt Ion:146 Resp: 414285
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 65.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 22.662 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

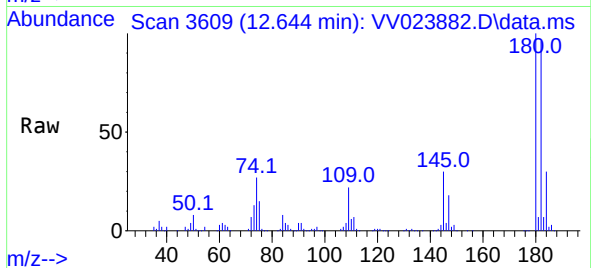
Tgt Ion: 75 Resp: 23118
Ion Ratio Lower Upper
75 100
155 95.7 71.7 107.5
157 128.8 103.3 154.9



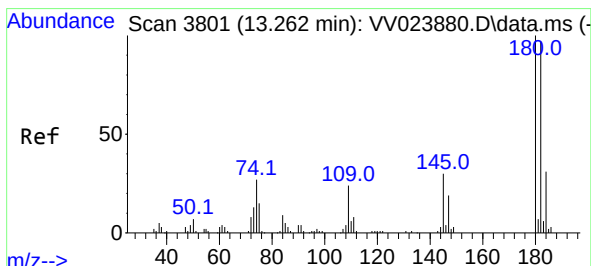
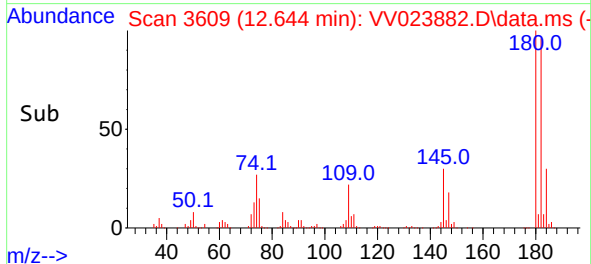
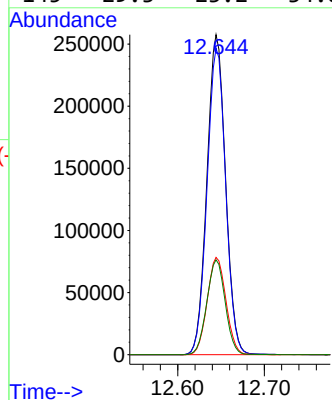


#69
1,3,5-Trichlorobenzene
Concen: 22.433 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

Instrument :
MSVOA_V
ClientSampleId :

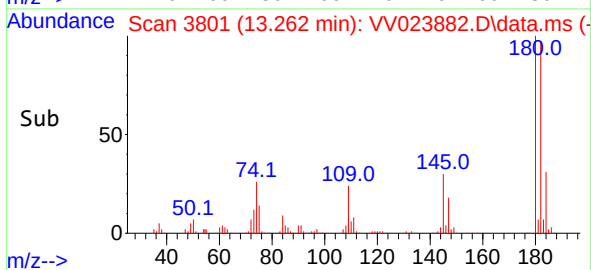
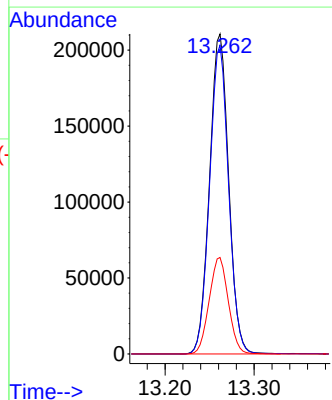
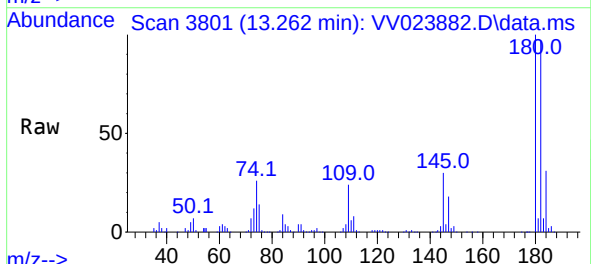


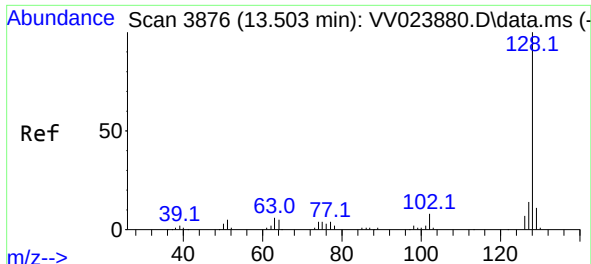
Tgt Ion:180 Resp: 384771
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
184 30.7 24.2 36.4
145 29.3 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 23.421 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

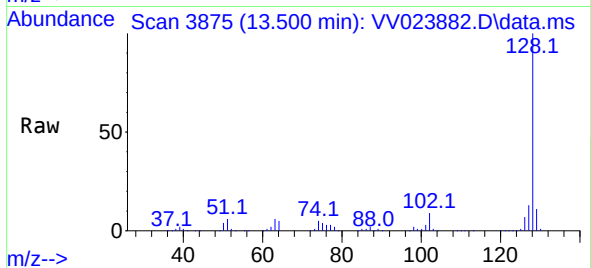
Tgt Ion:180 Resp: 313107
Ion Ratio Lower Upper
180 100
182 95.8 74.4 111.6
145 30.2 23.3 34.9



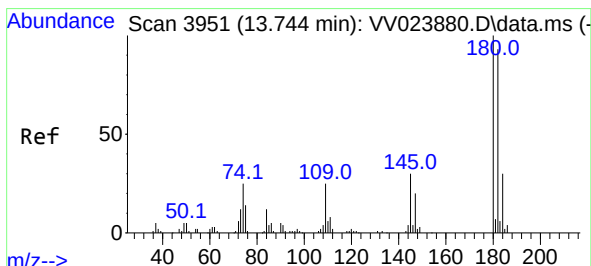
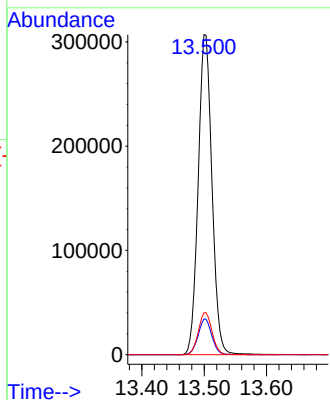
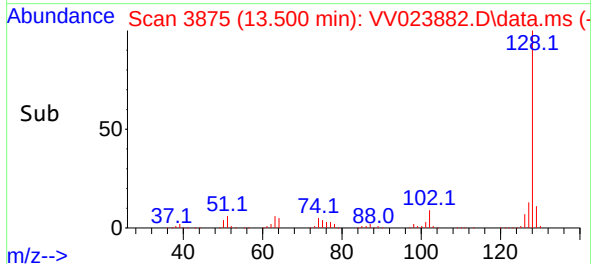


#71
Naphthalene
Concen: 25.960 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03

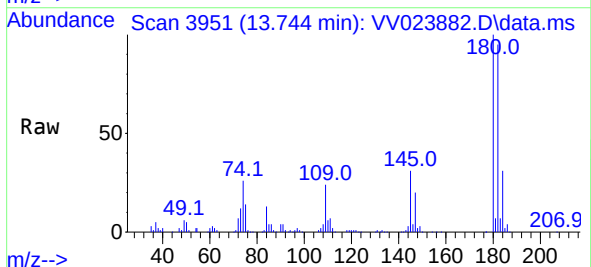
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 471224
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 23.357 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023882.D
Acq: 10 Dec 2021 13:03



Tgt Ion:180 Resp: 271317
Ion Ratio Lower Upper
180 100
182 96.2 76.8 115.2
145 31.4 25.8 38.6

