

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023183.D
 Acq On : 03 Nov 2021 13:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:56:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122724	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70516	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41938	3.911	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.200%	
7) Chloroethane-d5	1.568	69	34423	5.189	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.800%	
11) 1,1-Dichloroethene-d2	2.108	63	76033	4.915	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	98.200%	
20) 2-Butanone-d5	3.905	46	86268	50.148	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.300%	
24) Chloroform-d	4.349	84	92972	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
26) 1,2-Dichloroethane-d4	5.034	65	41817	5.088	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.800%	
32) Benzene-d6	5.050	84	178888	5.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	6.069	67	51513	4.721	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.317	98	169112	5.312	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19558	5.116	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.400%	
46) 2-Hexanone-d5	8.091	63	77230	54.566	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.140%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37868	5.026	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	63962	5.084	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	35021	4.498	ug/L	98
3) Chloromethane	1.240	50	34435	4.092	ug/L	99
5) Vinyl chloride	1.310	62	37750	4.343	ug/L	98
6) Bromomethane	1.519	94	24110	5.490	ug/L	99
8) Chloroethane	1.584	64	23794	5.235	ug/L	98
9) Trichlorofluoromethane	1.754	101	63092	5.379	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36223	5.416	ug/L	99
12) 1,1-Dichloroethene	2.117	96	32730	5.209	ug/L	98
13) Acetone	2.201	43	56930	67.453	ug/L	69
14) Carbon disulfide	2.294	76	93290	5.452	ug/L	100
15) Methyl Acetate	2.442	43	11602	3.614	ug/L	98
16) Methylene chloride	2.507	84	48753	7.065	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	79375	5.291	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	39742	5.924	ug/L	97
19) 1,1-Dichloroethane	3.188	63	74387	6.036	ug/L	97
21) 2-Butanone	3.992	43	66787	40.421	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	42102	5.536	ug/L	# 91
23) Bromochloromethane	4.249	128	18955	5.490	ug/L	# 84
25) Chloroform	4.375	83	78936	4.847	ug/L	99

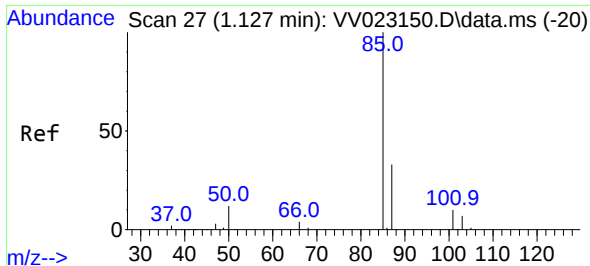
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	41405	4.821	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	69555	5.070	ug/L	98
30) Cyclohexane	4.677	56	53003	4.425	ug/L	96
31) Carbon tetrachloride	4.825	117	62105	5.261	ug/L	97
33) Benzene	5.098	78	158255	4.844	ug/L	100
34) Trichloroethene	5.915	95	42031	5.121	ug/L	97
35) Methylcyclohexane	6.130	83	58088	4.943	ug/L	96
37) 1,2-Dichloropropane	6.172	63	39245	4.766	ug/L	99
38) Bromodichloromethane	6.510	83	52227	5.142	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	54452	5.311	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	199280	51.407	ug/L	99
42) Toluene	7.387	91	177651	5.366	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	46416	5.472	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	28451	4.939	ug/L	97
47) Tetrachloroethene	7.976	164	35226	5.080	ug/L	99
48) 2-Hexanone	8.140	43	149205	51.850	ug/L	99
49) Dibromochloromethane	8.246	129	36135	5.272	ug/L	99
50) 1,2-Dibromoethane	8.355	107	26247	5.061	ug/L	99
51) Chlorobenzene	8.882	112	113077	5.199	ug/L	99
52) Ethylbenzene	9.011	91	180534	5.494	ug/L	96
53) m,p-xylene	9.140	106	71319	5.412	ug/L	99
54) o-xylene	9.545	106	66792	5.384	ug/L	95
55) Styrene	9.561	104	121641	5.678	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.243	83	31817	4.941	ug/L	98
59) Bromoform	9.735	173	19457	4.735	ug/L #	98
60) Isopropylbenzene	9.931	105	187649	5.262	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	23105	4.655	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	149765	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	151483	5.298	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	97252	5.182	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	98040	5.143	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87506	5.009	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4735	4.835	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	73354	5.132	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58073	5.430	ug/L	98
71) Naphthalene	13.503	128	82327	5.063	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	51921	5.230	ug/L	98

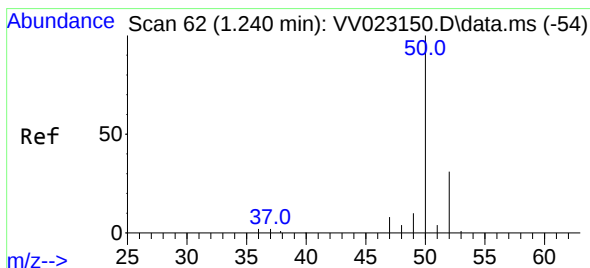
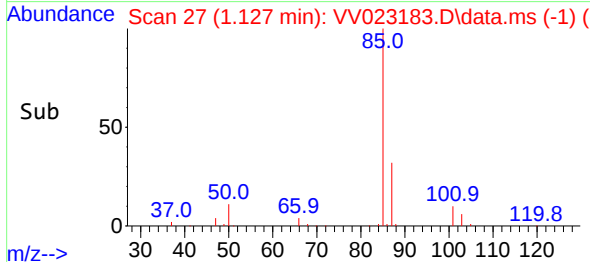
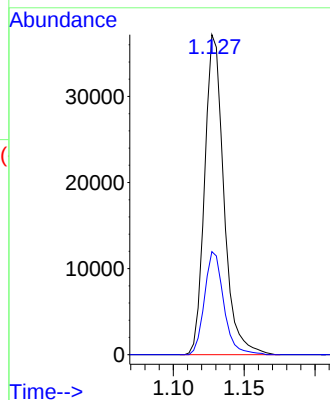
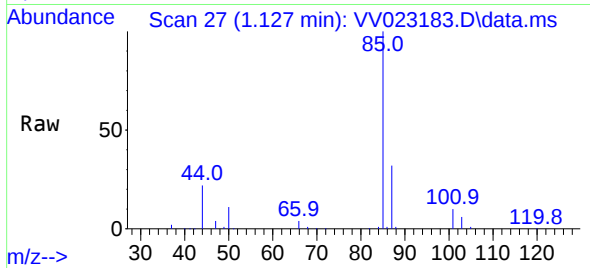
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#2
 Dichlorodifluoromethane
 Concen: 4.498 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

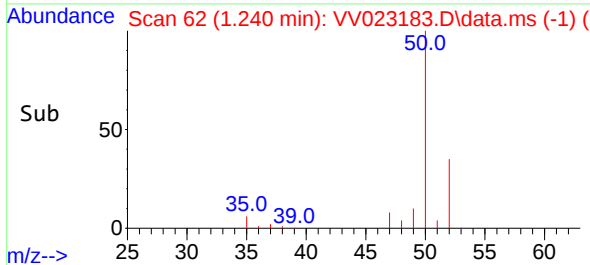
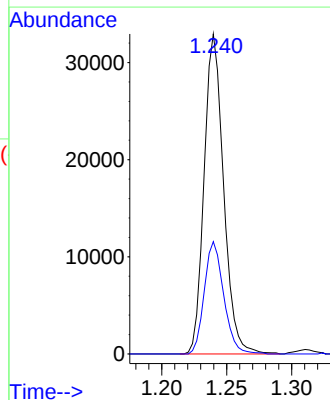
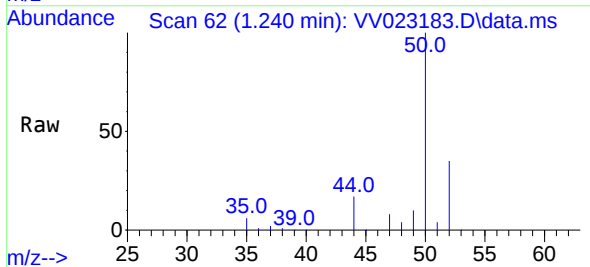
Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 85 Resp: 35021
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.6 39.8

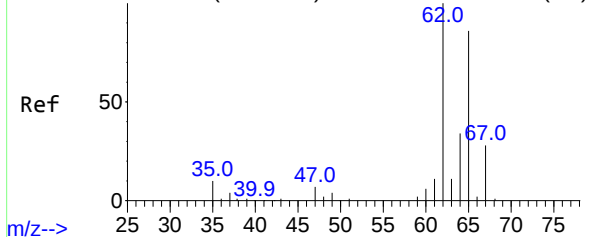


#3
 Chloromethane
 Concen: 4.092 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

Tgt Ion: 50 Resp: 34435
 Ion Ratio Lower Upper
 50 100
 52 35.1 24.3 45.1



Abundance Scan 84 (1.310 min): VV023150.D\data.ms (-76)



#5

Vinyl chloride

Concen: 4.343 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

ClientSampleId :

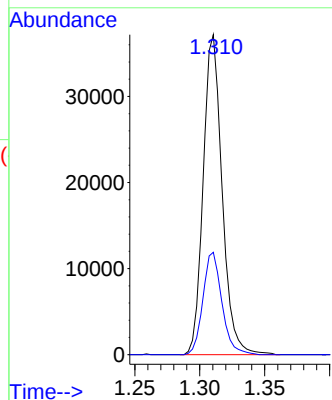
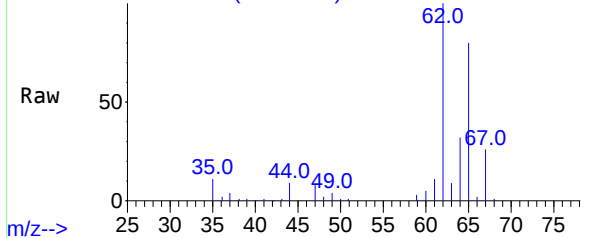
Tgt Ion: 62 Resp: 37750

Ion Ratio Lower Upper

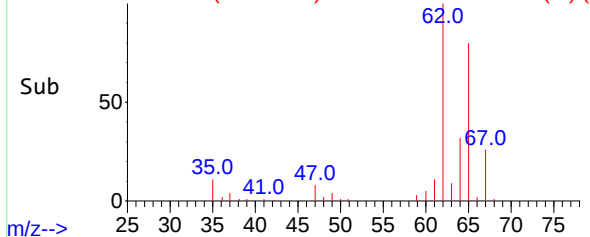
62 100

64 32.0 23.1 42.9

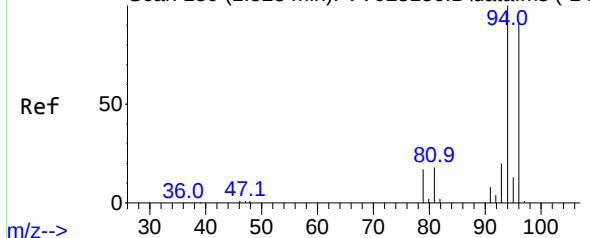
Abundance Scan 84 (1.310 min): VV023183.D\data.ms



Abundance Scan 84 (1.310 min): VV023183.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV023150.D\data.ms (-14)



#6

Bromomethane

Concen: 5.490 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

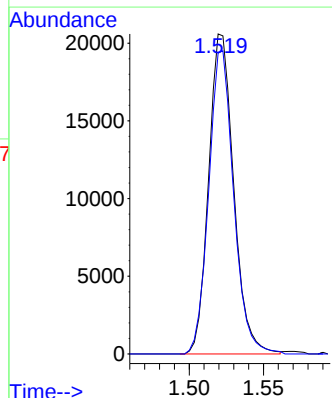
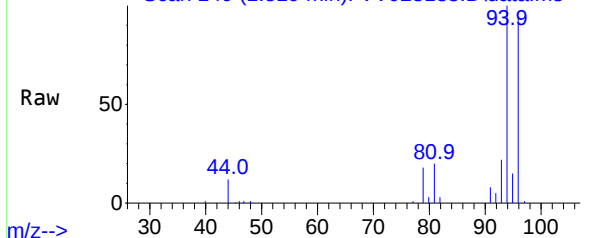
Tgt Ion: 94 Resp: 24110

Ion Ratio Lower Upper

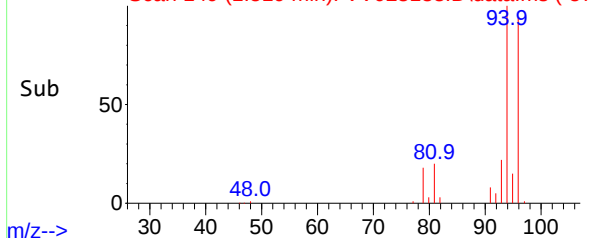
94 100

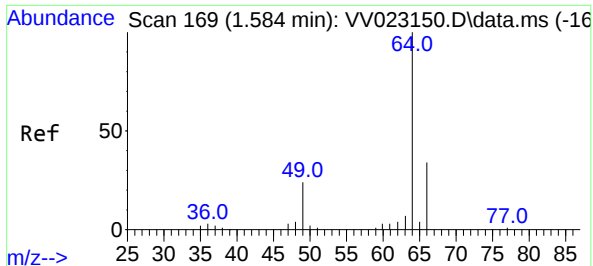
96 94.1 65.0 120.8

Abundance Scan 149 (1.519 min): VV023183.D\data.ms



Abundance Scan 149 (1.519 min): VV023183.D\data.ms (-57)

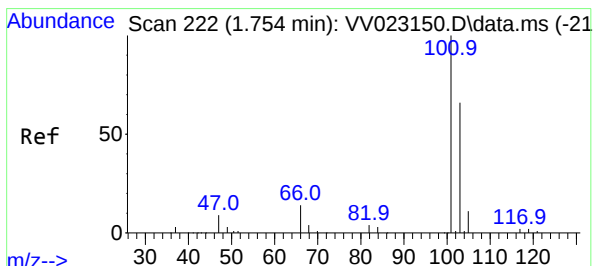
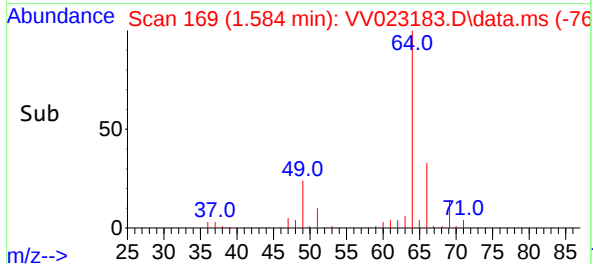
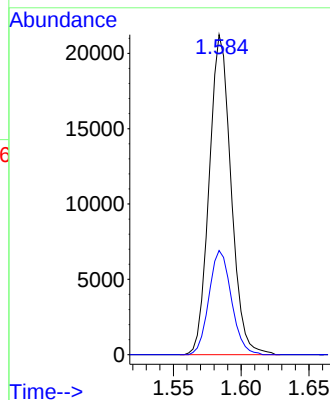
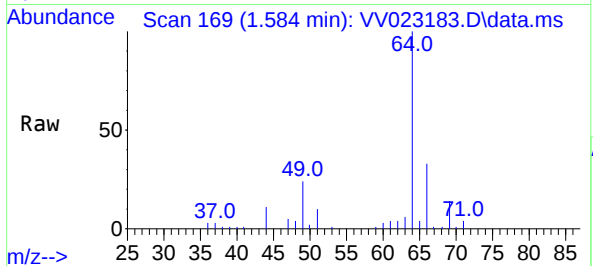




#8
Chloroethane
Concen: 5.235 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

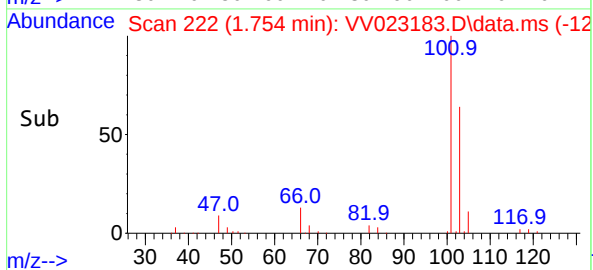
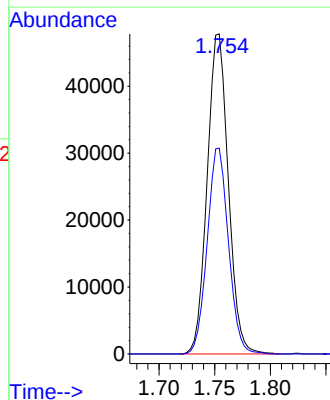
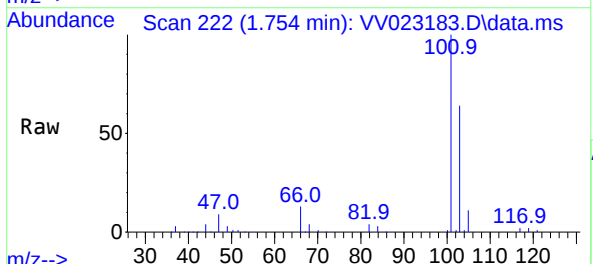
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ClientSampleId :

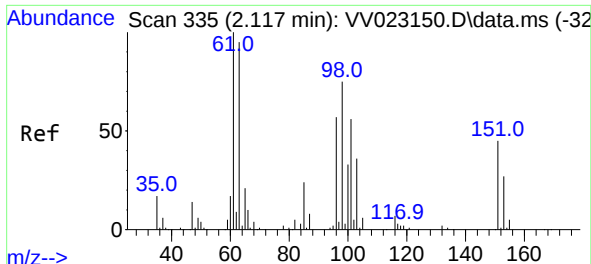
Tgt Ion: 64 Resp: 23794
Ion Ratio Lower Upper
64 100
66 32.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.379 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:101 Resp: 63092
Ion Ratio Lower Upper
101 100
103 64.6 52.6 79.0

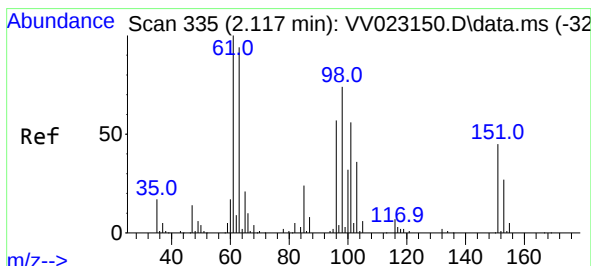
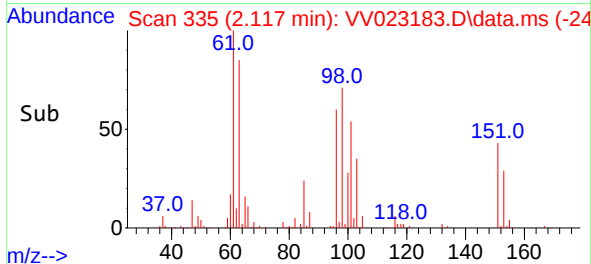
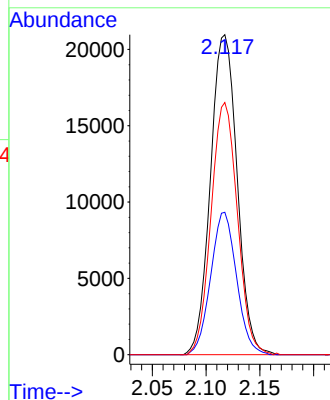
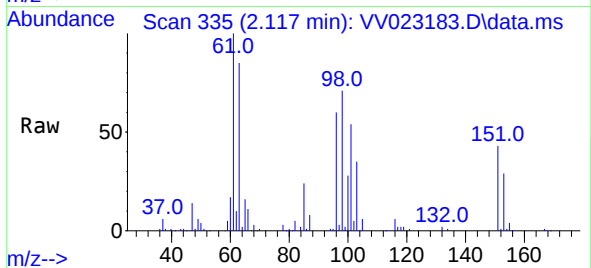




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.416 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

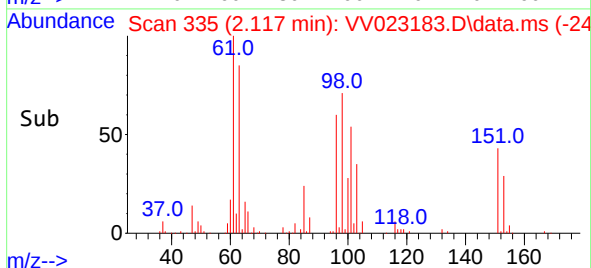
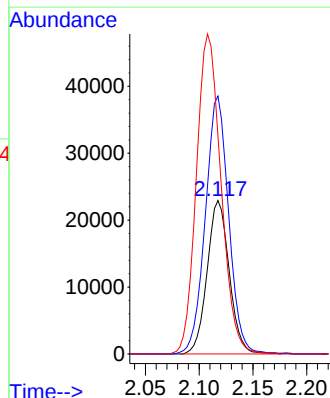
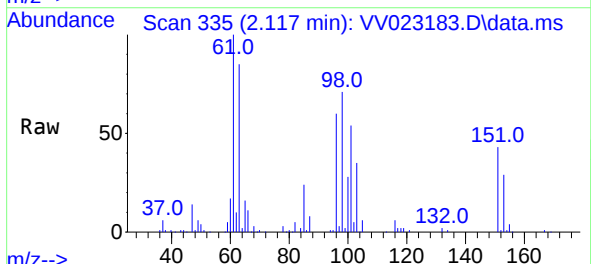
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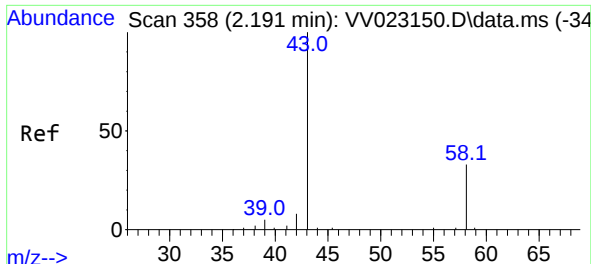
Tgt Ion:101 Resp: 36223
 Ion Ratio Lower Upper
 101 100
 85 43.1 35.3 52.9
 151 77.6 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.209 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

Tgt Ion: 96 Resp: 32730
 Ion Ratio Lower Upper
 96 100
 61 168.0 121.5 225.7
 63 142.0 99.6 185.0





#13

Acetone

Concen: 67.453 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

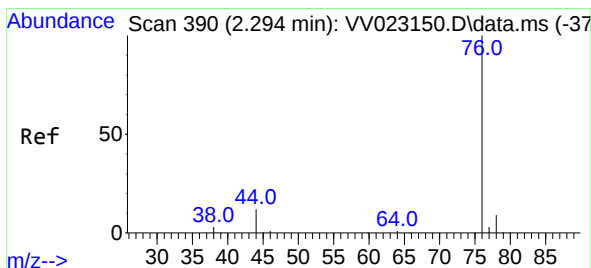
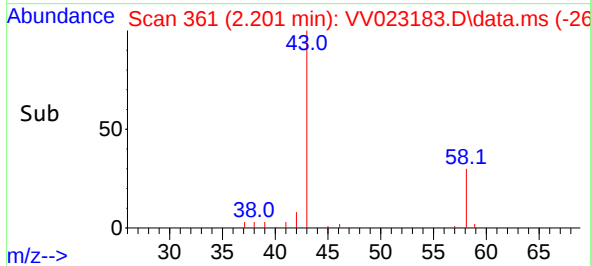
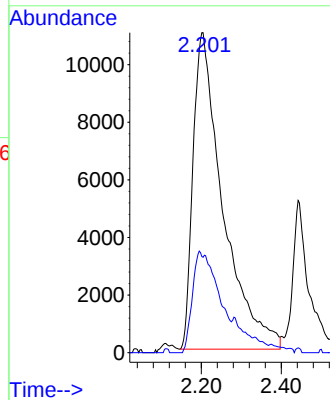
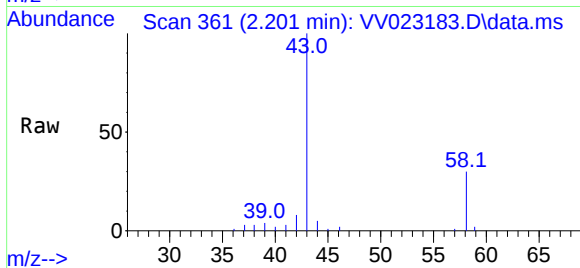
ClientSampleId :

Tgt Ion: 43 Resp: 56930

Ion Ratio Lower Upper

43 100

58 11.4 0.0 55.4



#14

Carbon disulfide

Concen: 5.452 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023183.D

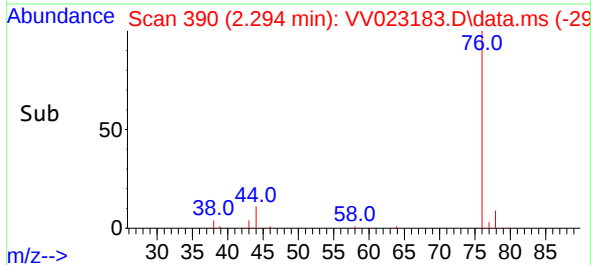
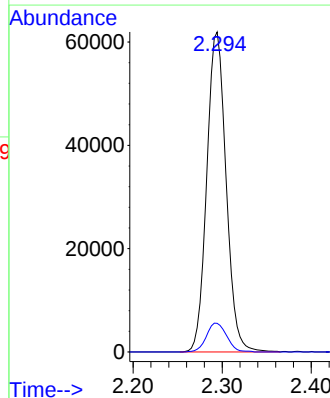
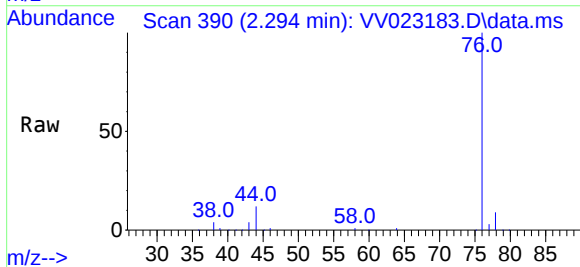
Acq: 03 Nov 2021 13:34

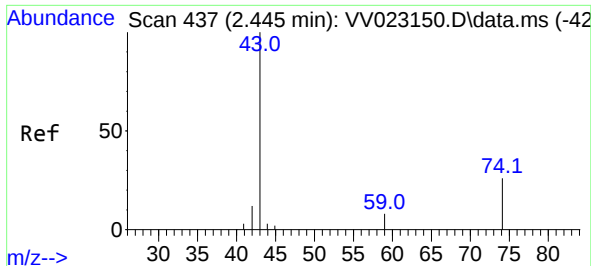
Tgt Ion: 76 Resp: 93290

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

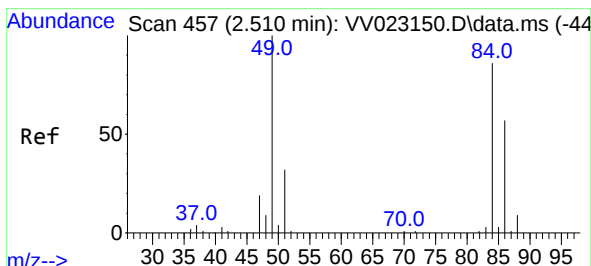
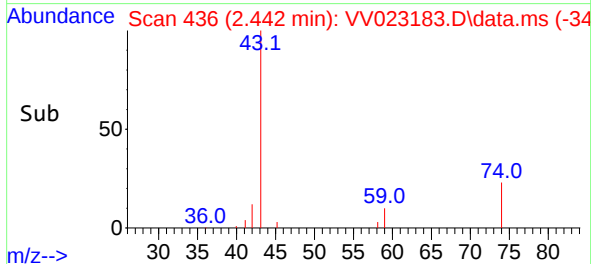
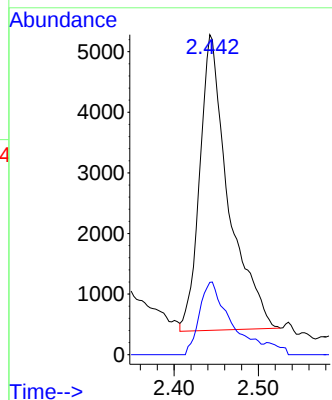
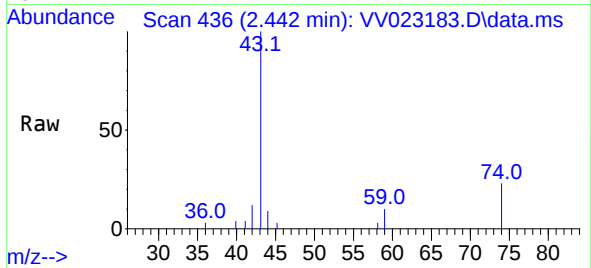




#15
Methyl Acetate
Concen: 3.614 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

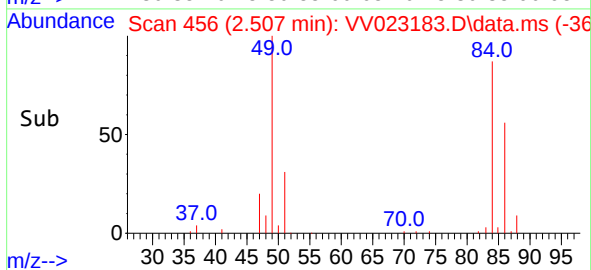
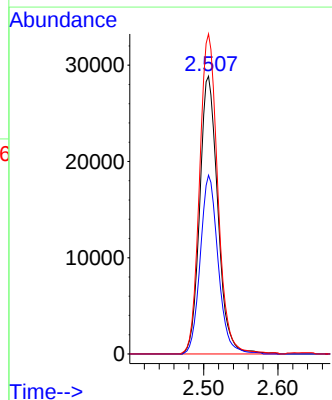
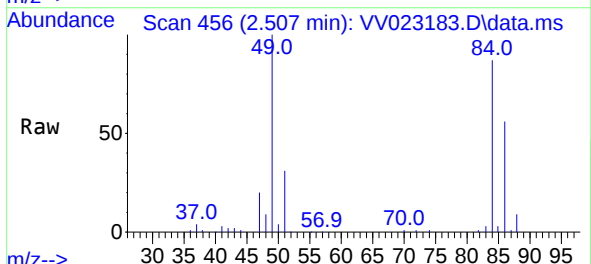
Instrument :
MSVOA_V
ClientSampleId :

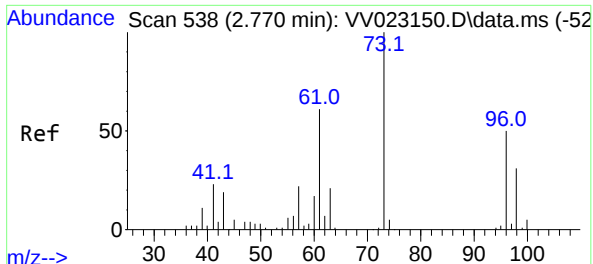
Tgt Ion: 43 Resp: 11602
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.2



#16
Methylene chloride
Concen: 7.065 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 84 Resp: 48753
Ion Ratio Lower Upper
84 100
86 64.3 42.3 78.5
49 115.2 79.7 148.1

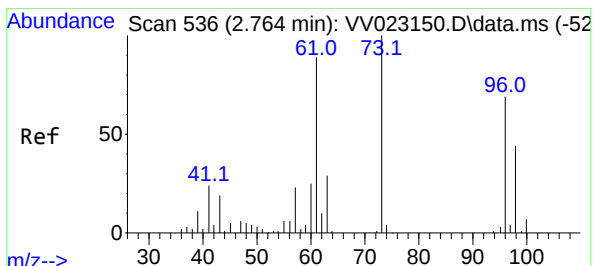
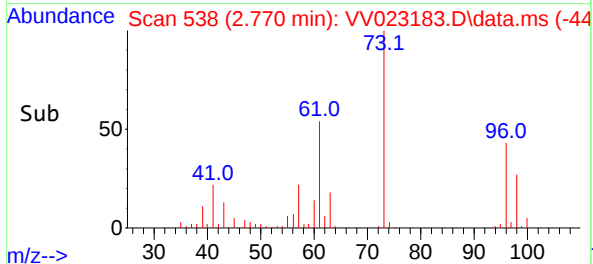
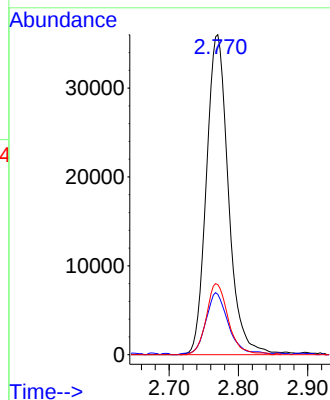
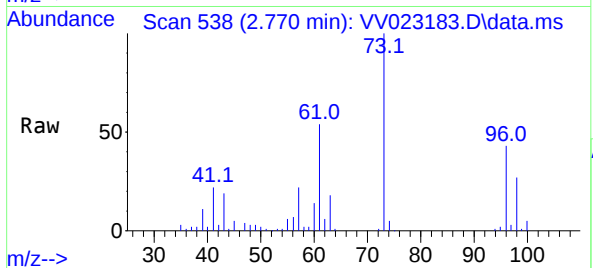




#17
Methyl tert-butyl Ether
Concen: 5.291 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

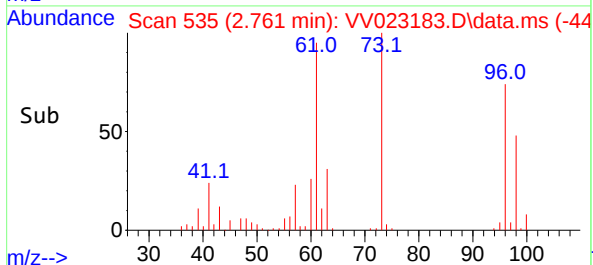
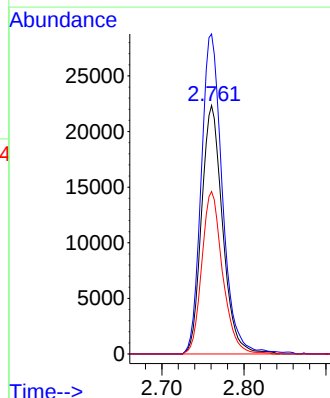
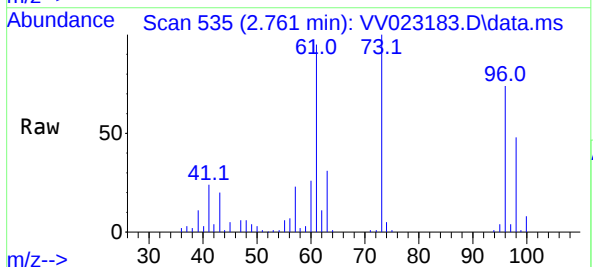
Instrument :
MSVOA_V
ClientSampleId :

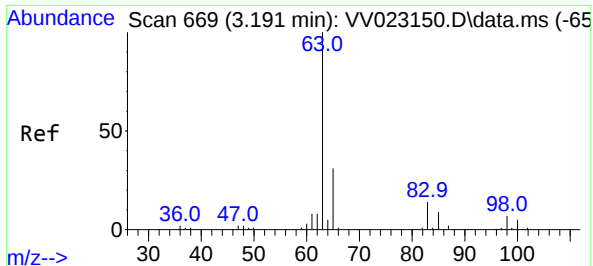
Tgt Ion: 73 Resp: 79375
Ion Ratio Lower Upper
73 100
43 20.0 17.4 26.0
57 21.9 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.924 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

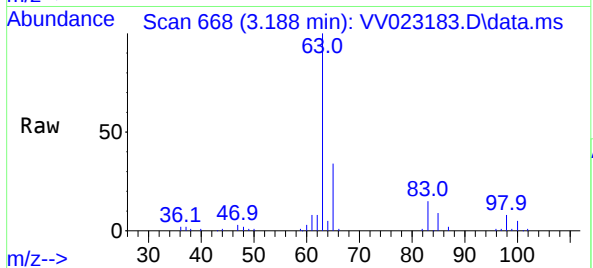
Tgt Ion: 96 Resp: 39742
Ion Ratio Lower Upper
96 100
61 128.8 93.2 173.2
98 65.3 47.0 87.2



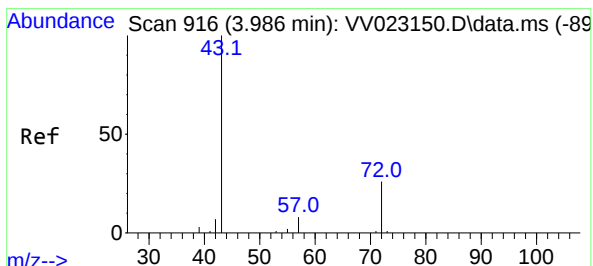
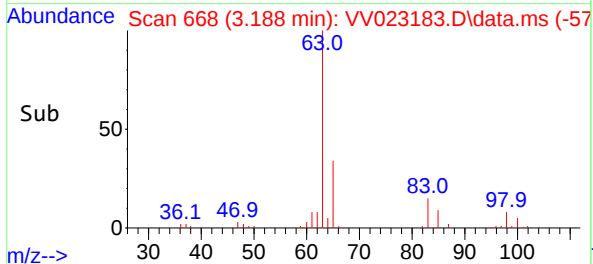
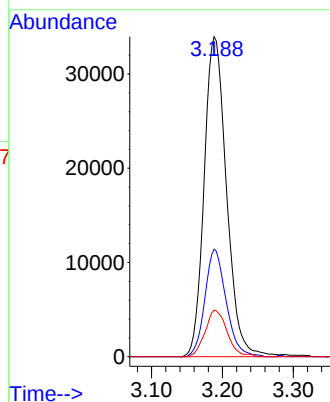


#19
1,1-Dichloroethane
Concen: 6.036 ug/L
RT: 3.188 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Instrument :
MSVOA_V
ClientSampleId :

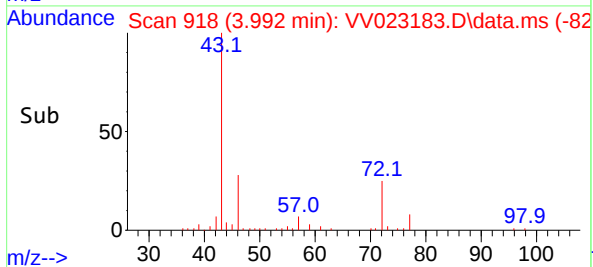
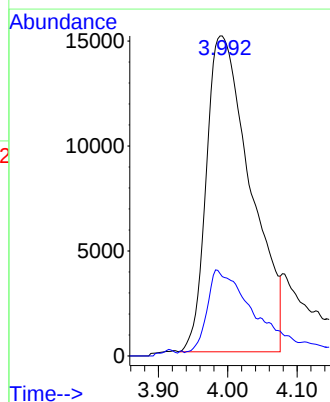
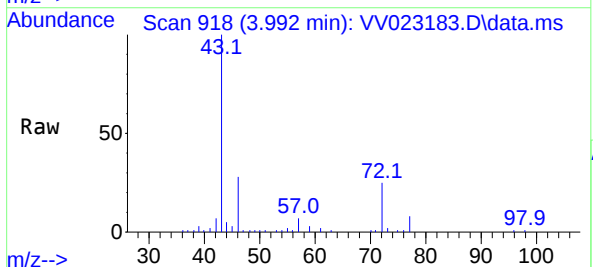


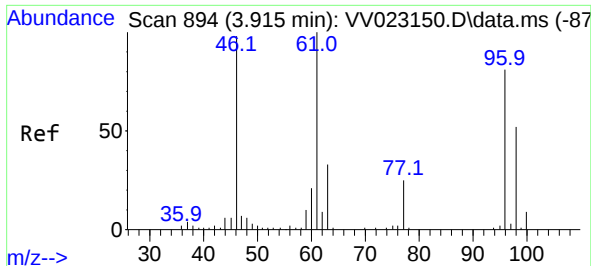
Tgt Ion: 63 Resp: 74387
Ion Ratio Lower Upper
63 100
65 33.6 22.6 42.0
83 14.6 11.1 20.7



#21
2-Butanone
Concen: 40.421 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.006 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

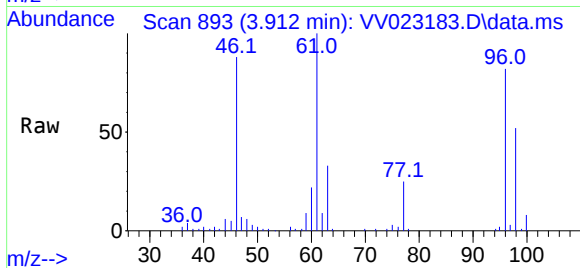
Tgt Ion: 43 Resp: 66787
Ion Ratio Lower Upper
43 100
72 27.2 11.9 35.9



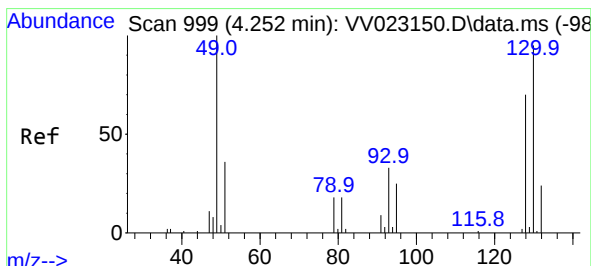
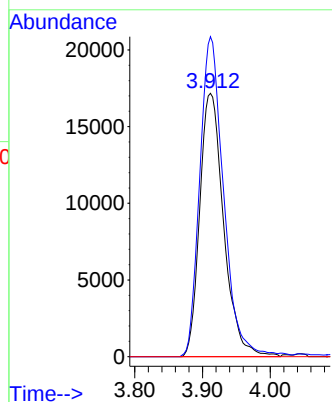
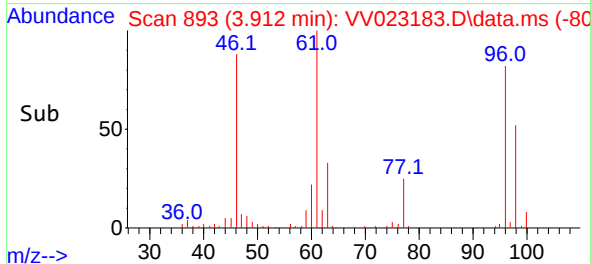


#22
cis-1,2-Dichloroethene
Concen: 5.536 ug/L
RT: 3.912 min Scan# 894
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

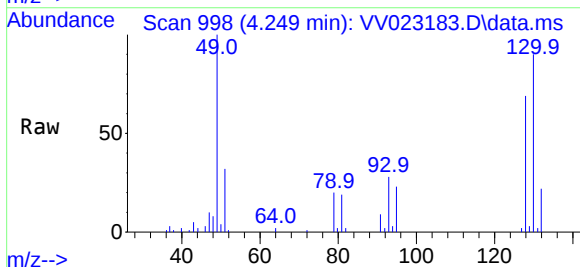
Instrument :
MSVOA_V
ClientSampleId :



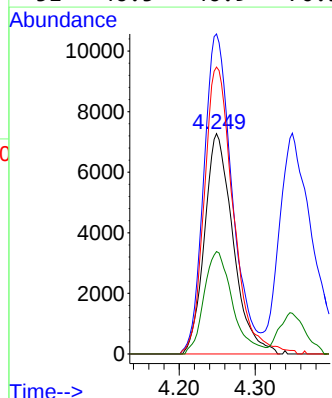
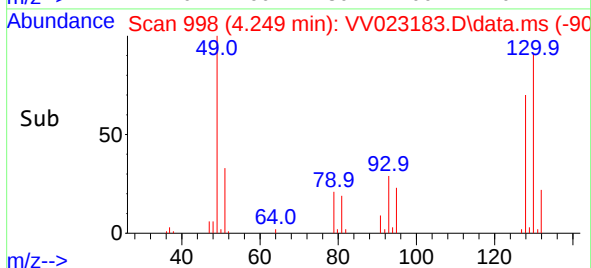
Tgt Ion: 96 Resp: 42102
Ion Ratio Lower Upper
96 100
61 121.5 92.3 171.3
68 0.0 0.4 0.8#

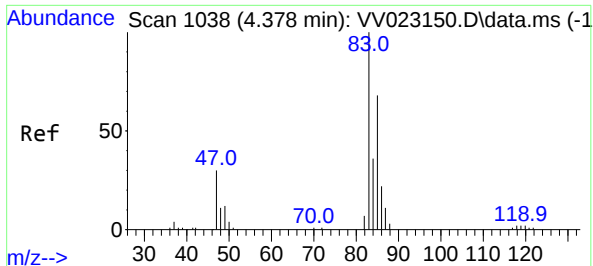


#23
Bromochloromethane
Concen: 5.490 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34



Tgt Ion: 128 Resp: 18955
Ion Ratio Lower Upper
128 100
49 145.2 126.1 234.3
130 130.2 95.2 176.8
51 46.5 46.9 70.3#





#25

Chloroform

Concen: 4.847 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. -0.003 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

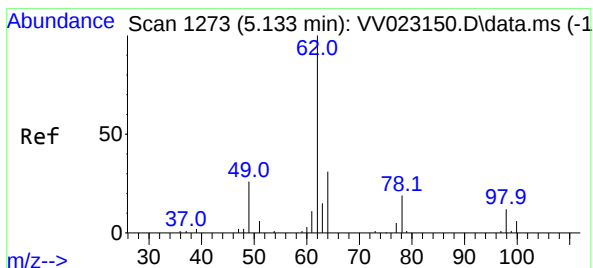
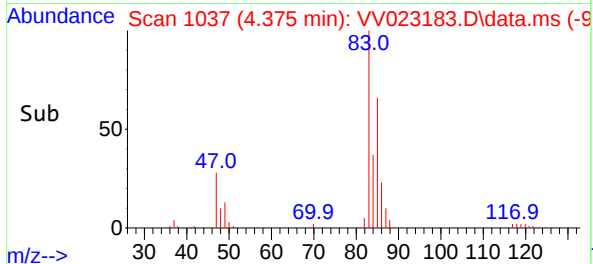
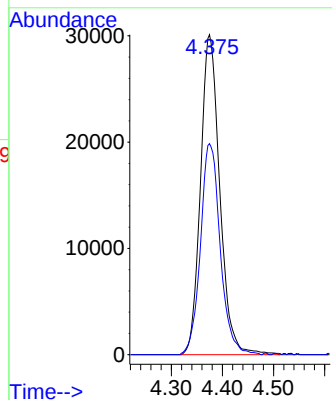
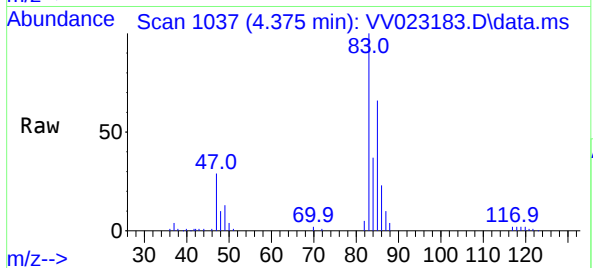
ClientSampleId :

Tgt Ion: 83 Resp: 78936

Ion Ratio Lower Upper

83 100

85 65.9 46.8 86.8



#27

1,2-Dichloroethane

Concen: 4.821 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023183.D

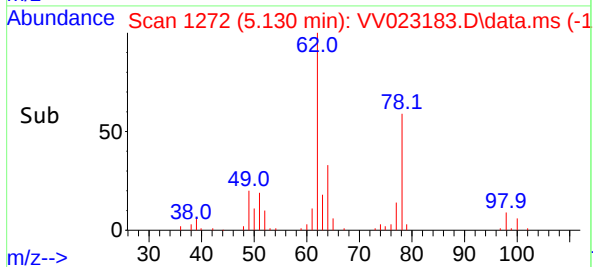
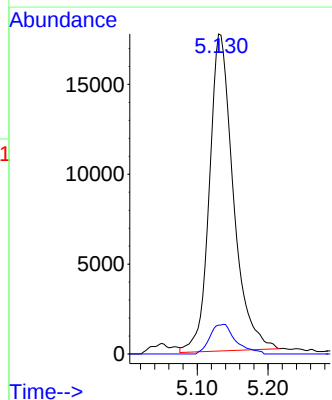
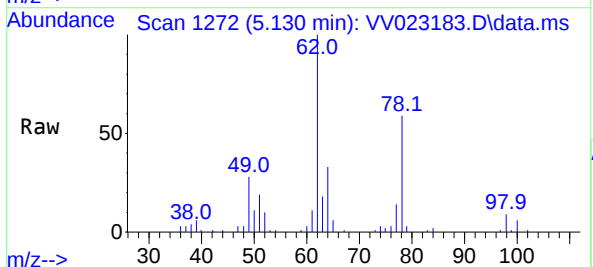
Acq: 03 Nov 2021 13:34

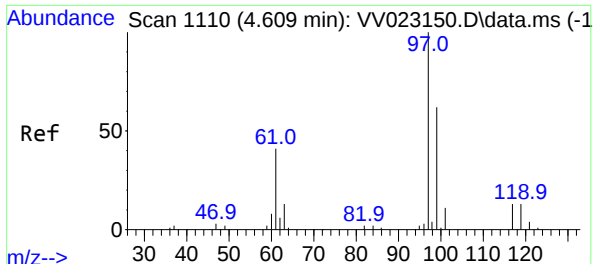
Tgt Ion: 62 Resp: 41405

Ion Ratio Lower Upper

62 100

98 9.0 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.070 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

ClientSampleId :

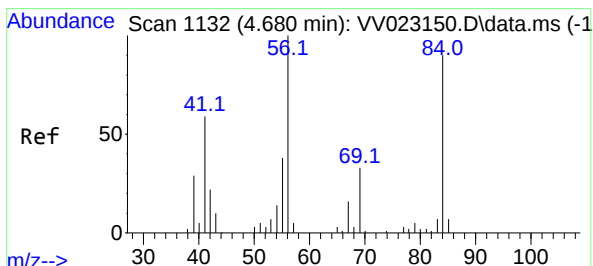
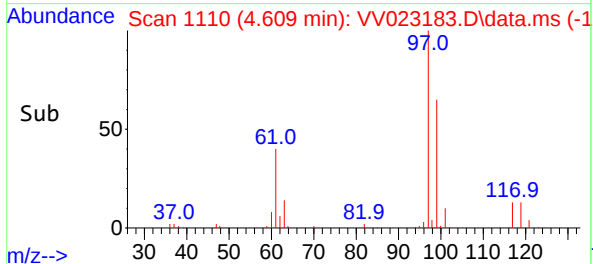
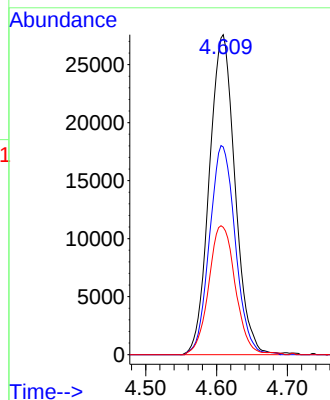
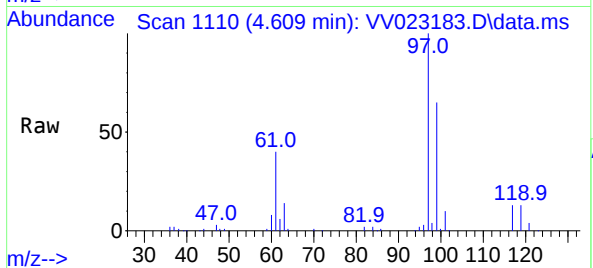
Tgt Ion: 97 Resp: 69555

Ion Ratio Lower Upper

97 100

99 65.6 51.0 76.4

61 41.6 34.1 51.1



#30

Cyclohexane

Concen: 4.425 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

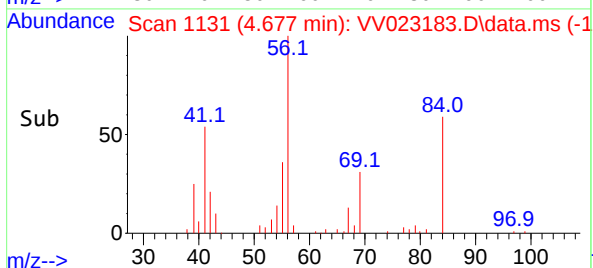
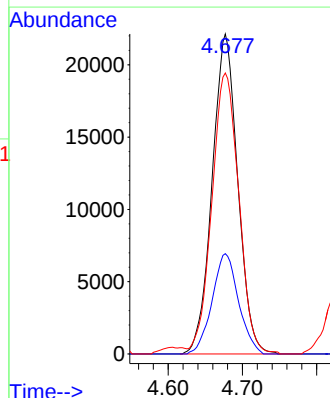
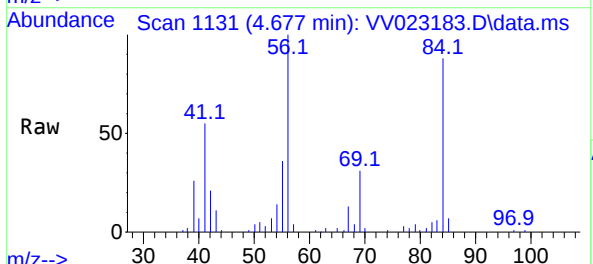
Tgt Ion: 56 Resp: 53003

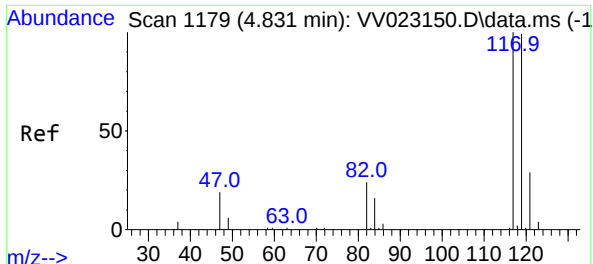
Ion Ratio Lower Upper

56 100

69 32.4 23.5 35.3

84 92.5 71.6 107.4

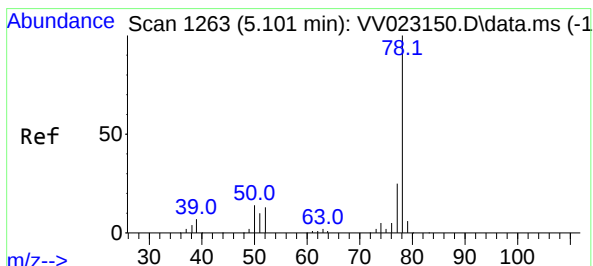
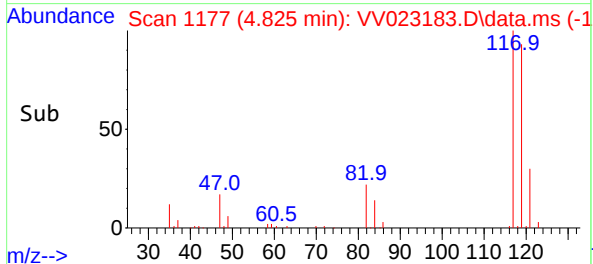
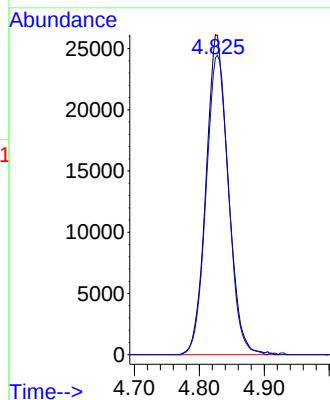
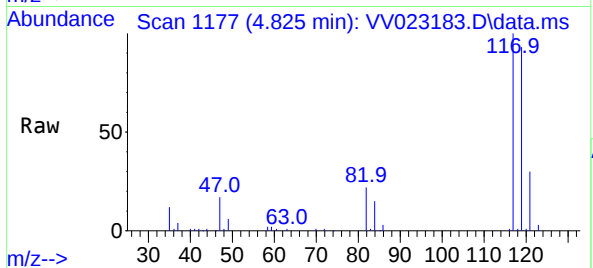




#31
Carbon tetrachloride
Concen: 5.261 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

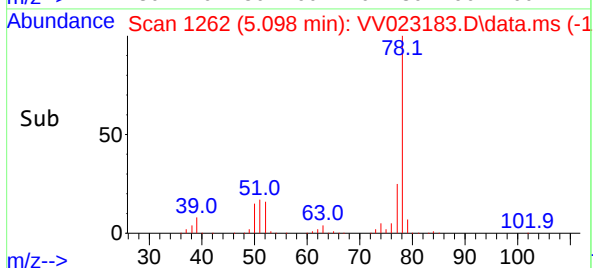
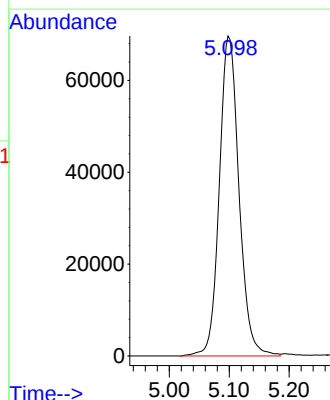
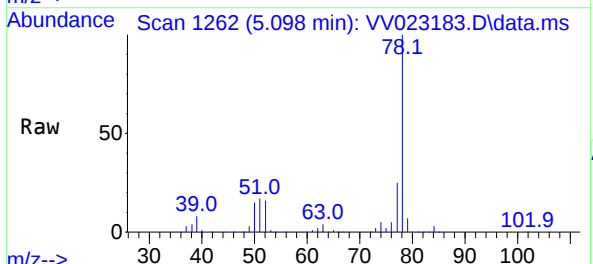
Instrument :
MSVOA_V
ClientSampleId :

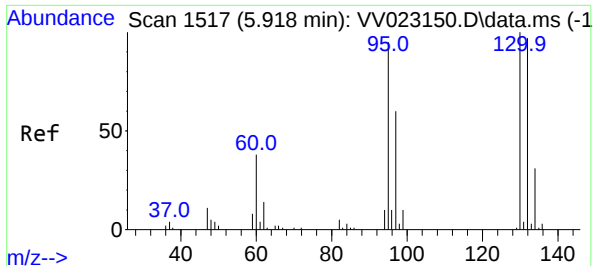
Tgt Ion:117 Resp: 62105
Ion Ratio Lower Upper
117 100
119 95.0 78.8 118.2



#33
Benzene
Concen: 4.844 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 78 Resp: 158255

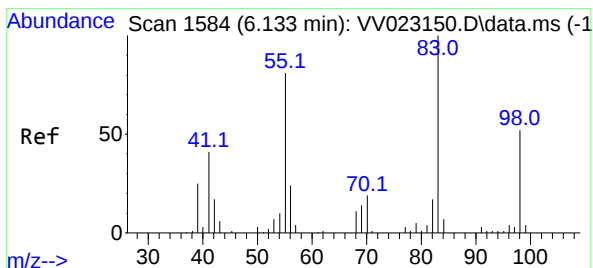
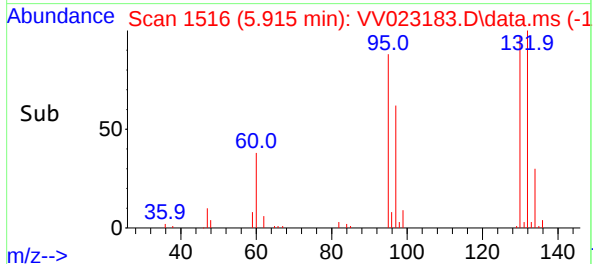
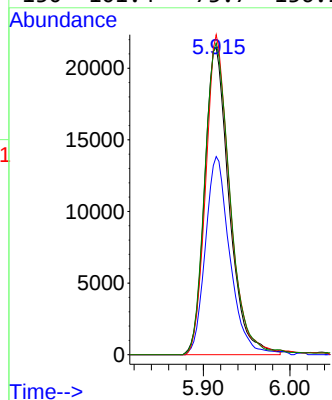
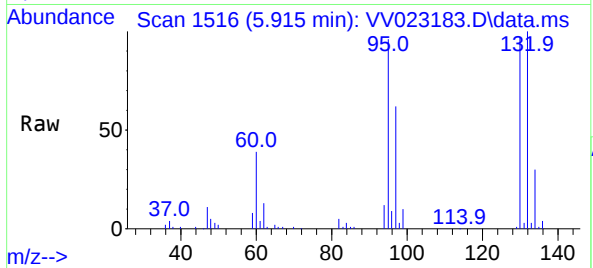




#34
Trichloroethene
Concen: 5.121 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

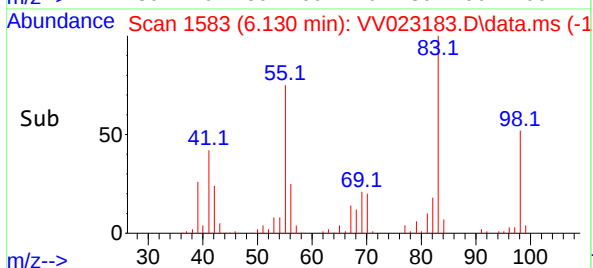
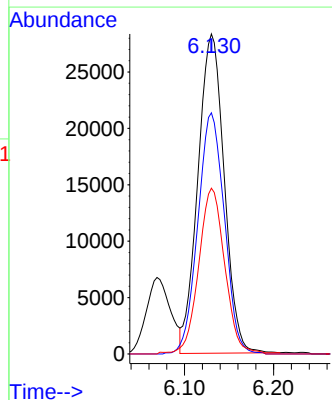
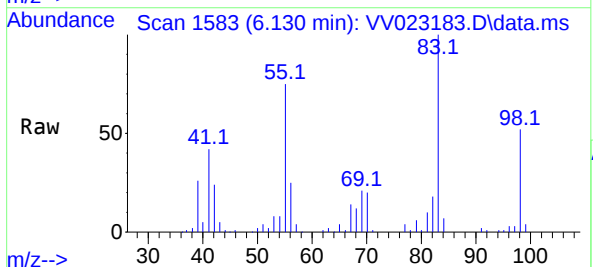
Instrument :
MSVOA_V
ClientSampleId :

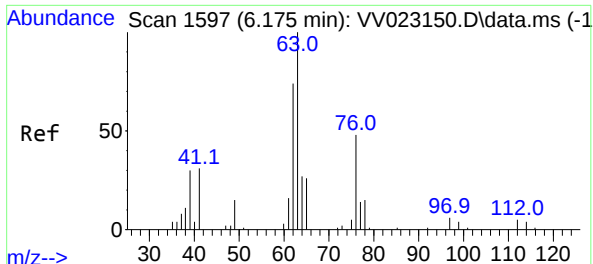
Tgt Ion: 95 Resp: 42031
Ion Ratio Lower Upper
95 100
97 64.4 45.0 83.6
132 104.1 69.7 129.4
130 101.4 73.7 136.9



#35
Methylcyclohexane
Concen: 4.943 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 83 Resp: 58088
Ion Ratio Lower Upper
83 100
55 76.3 62.8 94.2
98 51.5 37.9 56.9

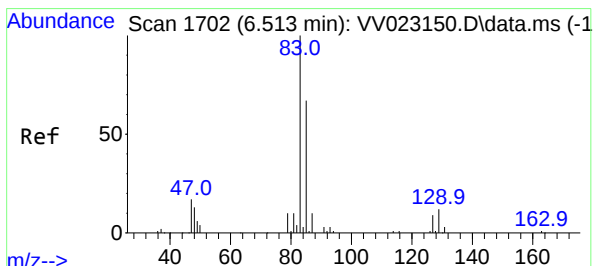
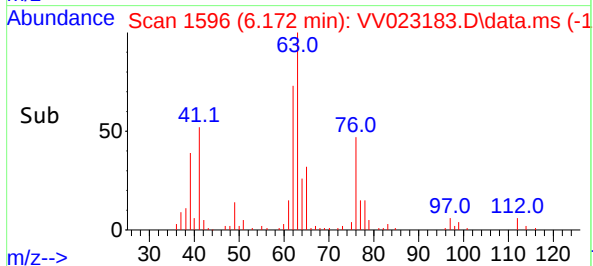
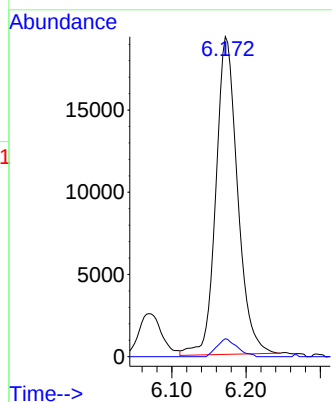
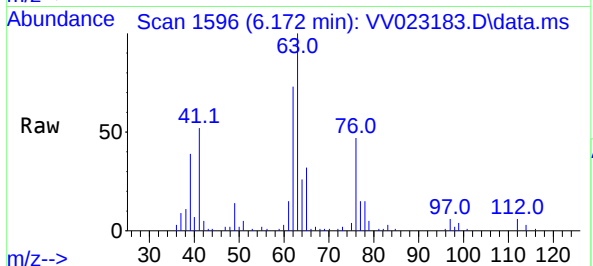




#37
1,2-Dichloropropane
Concen: 4.766 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

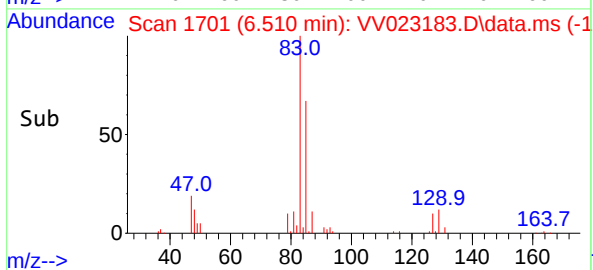
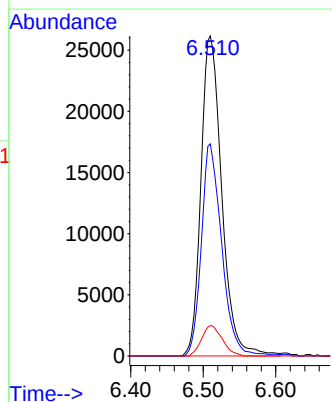
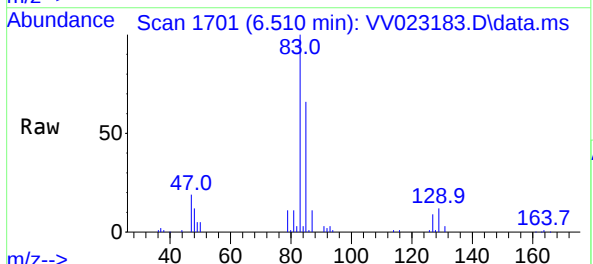
Instrument :
MSVOA_V
ClientSampleId :

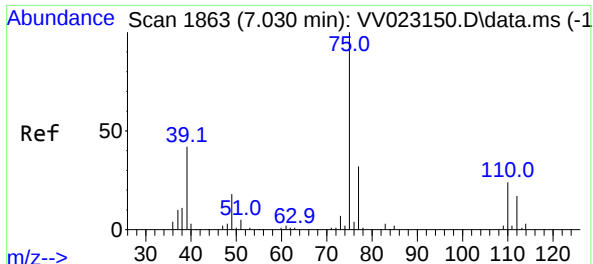
Tgt Ion: 63 Resp: 39245
Ion Ratio Lower Upper
63 100
112 5.3 4.6 6.8



#38
Bromodichloromethane
Concen: 5.142 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 83 Resp: 52227
Ion Ratio Lower Upper
83 100
85 66.3 46.1 85.7
127 9.5 7.2 10.8

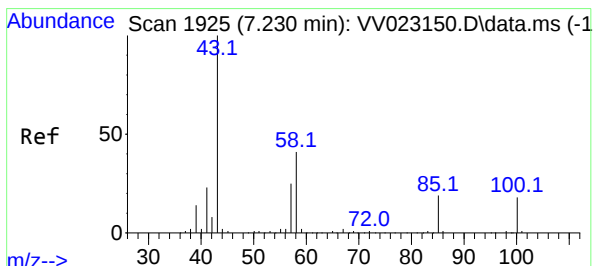
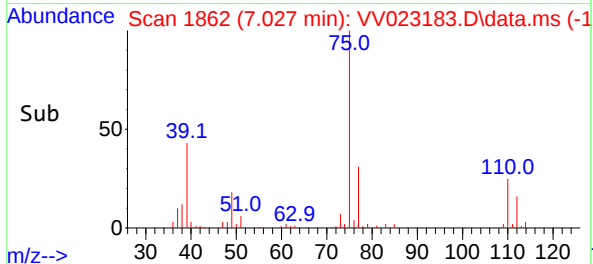
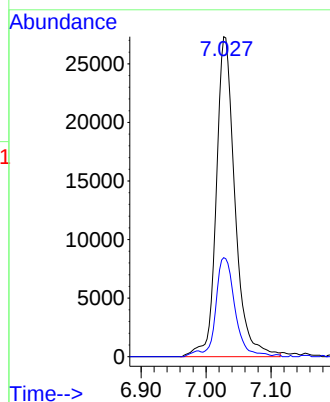
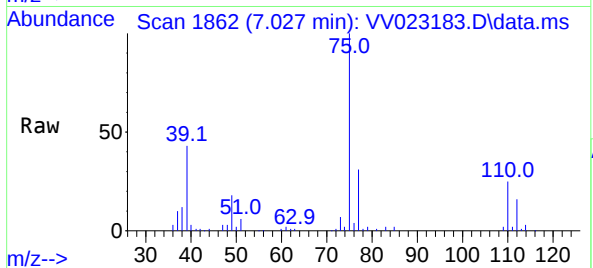




#39
 cis-1,3-Dichloropropene
 Concen: 5.311 ug/L
 RT: 7.027 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

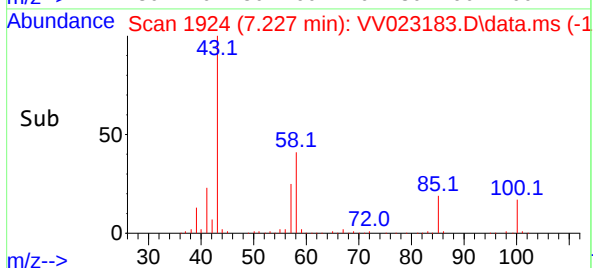
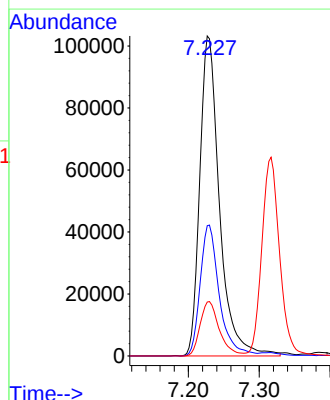
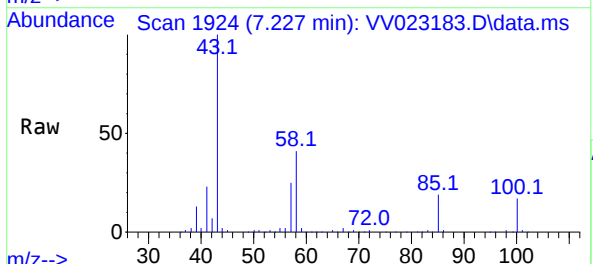
Instrument :
 MSVOA_V
 ClientSampleId :

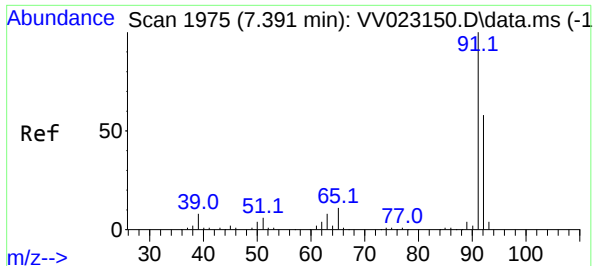
Tgt Ion: 75 Resp: 54452
 Ion Ratio Lower Upper
 75 100
 77 30.9 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 51.407 ug/L
 RT: 7.227 min Scan# 1924
 Delta R.T. -0.003 min
 Lab File: VV023183.D
 Acq: 03 Nov 2021 13:34

Tgt Ion: 43 Resp: 199280
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7
 100 16.6 12.6 19.0





#42

Toluene

Concen: 5.366 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

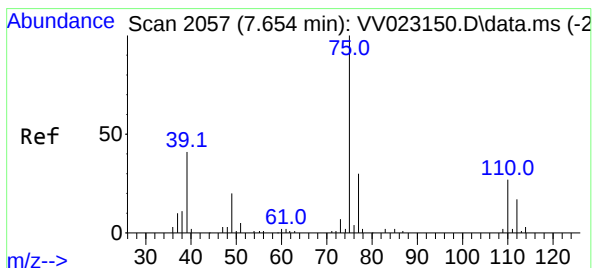
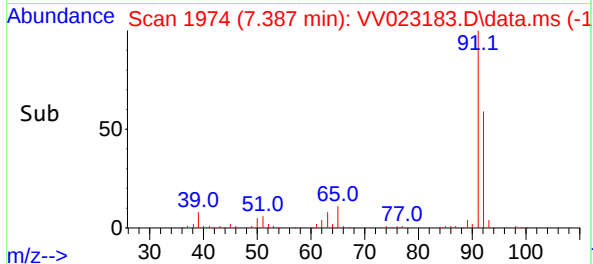
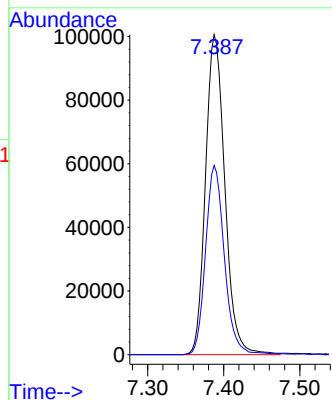
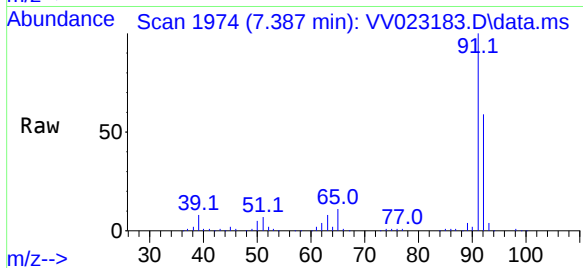
ClientSampleId :

Tgt Ion: 91 Resp: 177651

Ion Ratio Lower Upper

91 100

92 59.1 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.472 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023183.D

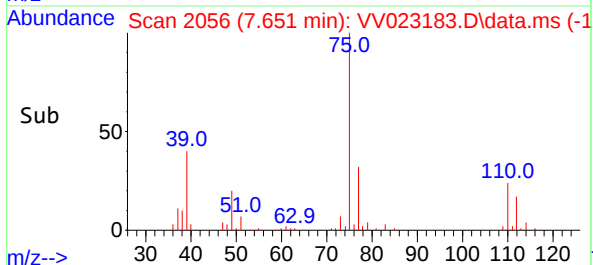
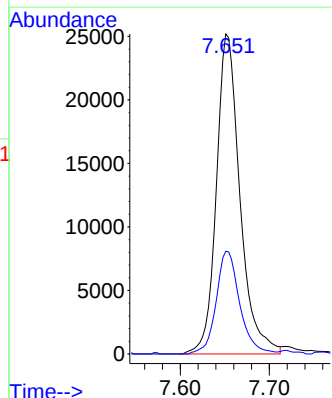
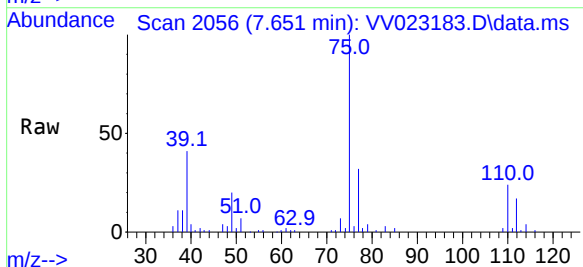
Acq: 03 Nov 2021 13:34

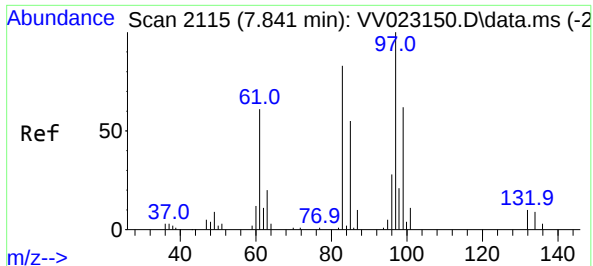
Tgt Ion: 75 Resp: 46416

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.7

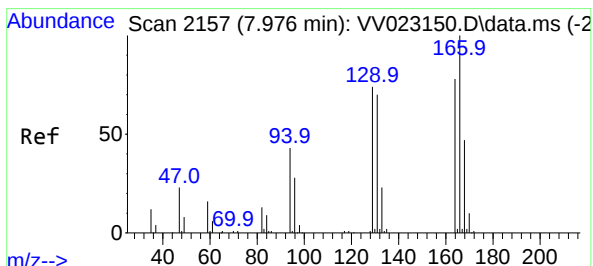
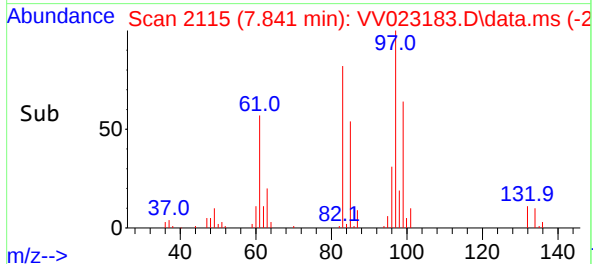
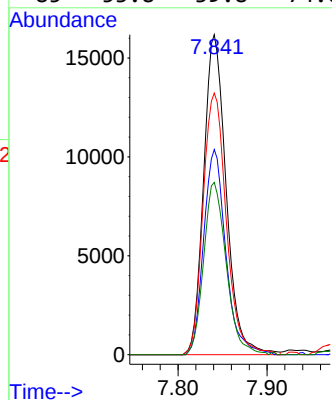
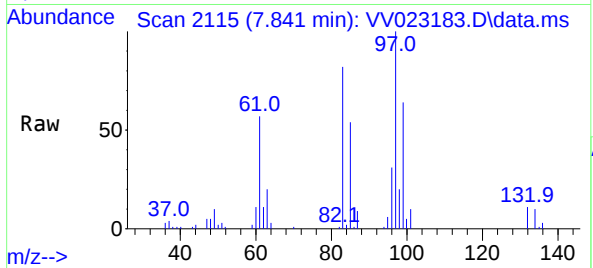




#45
1,1,2-Trichloroethane
Concen: 4.939 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

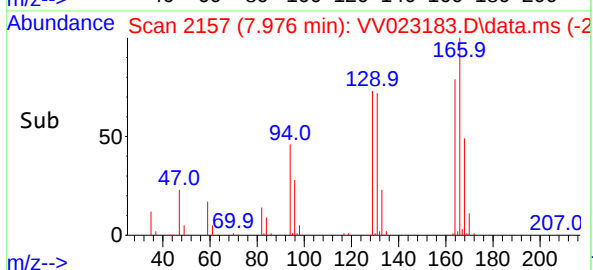
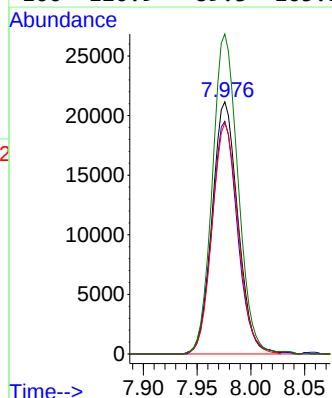
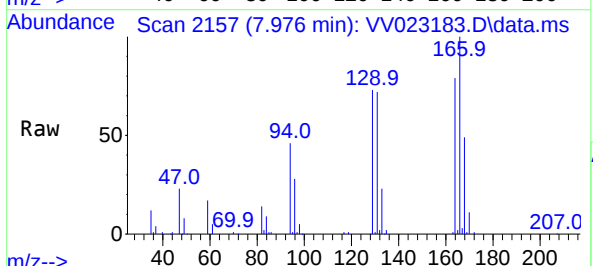
Instrument :
MSVOA_V
ClientSampleId :

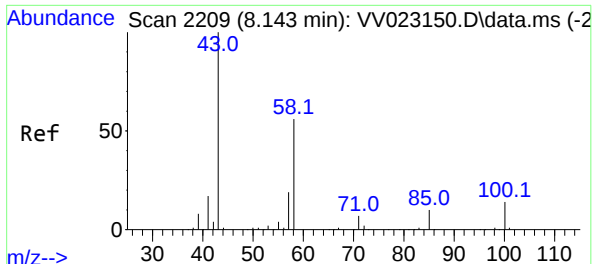
Tgt Ion: 97	Resp: 28451
Ion Ratio	Lower Upper
97 100	
99 64.1	43.6 81.0
83 81.8	58.4 108.4
85 53.8	39.8 74.0



#47
Tetrachloroethene
Concen: 5.080 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt	Ion:164	Resp:	35226
Ion	Ratio	Lower	Upper
164	100		
129	92.2	64.0	119.0
131	91.6	63.4	117.8
166	126.9	89.3	165.9





#48

2-Hexanone

Concen: 51.850 ug/L

RT: 8.140 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 149205

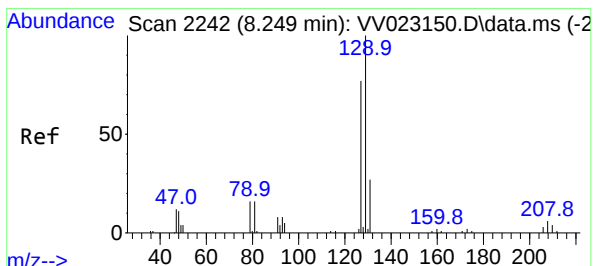
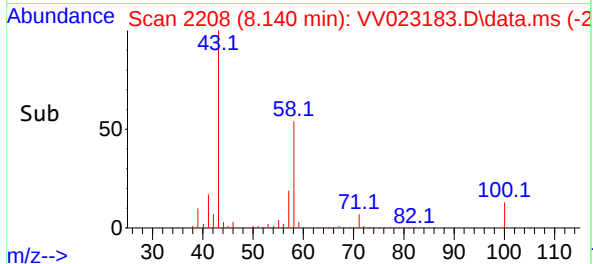
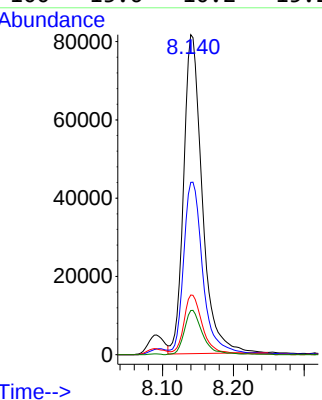
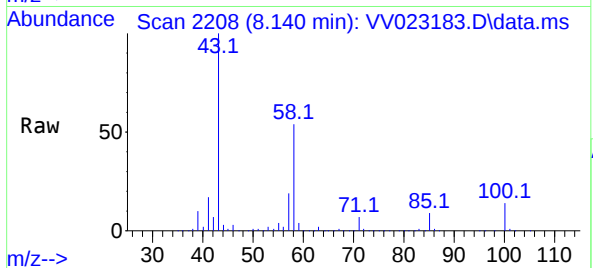
Ion Ratio Lower Upper

43 100

58 54.6 43.7 65.5

57 18.5 14.1 21.1

100 13.6 10.2 15.2



#49

Dibromochloromethane

Concen: 5.272 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. -0.003 min

Lab File: VV023183.D

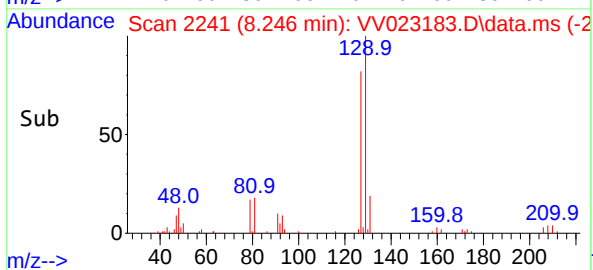
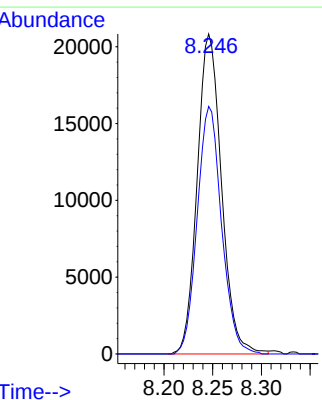
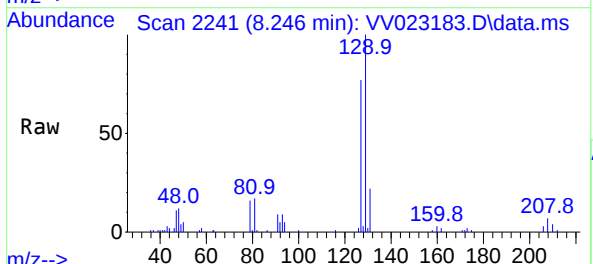
Acq: 03 Nov 2021 13:34

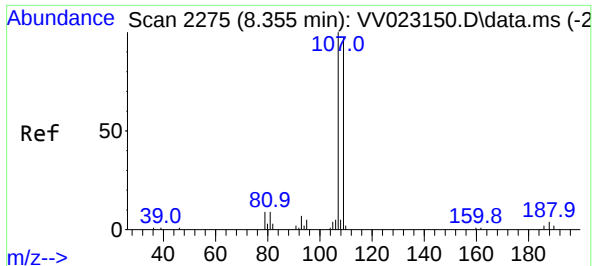
Tgt Ion: 129 Resp: 36135

Ion Ratio Lower Upper

129 100

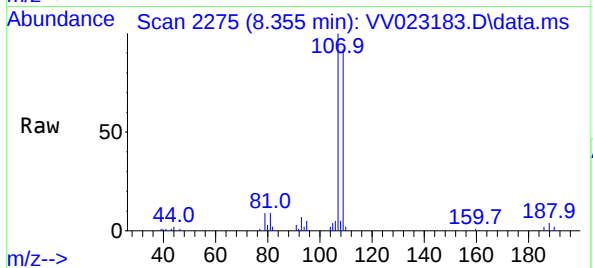
127 77.3 54.7 101.7



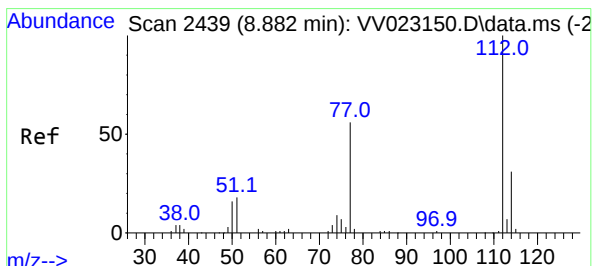
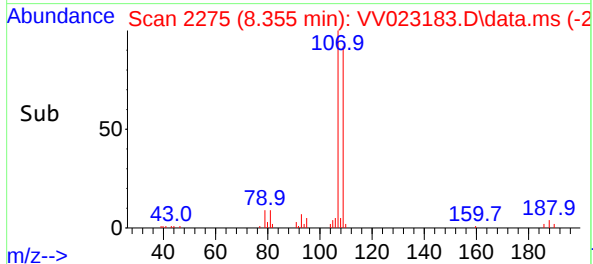
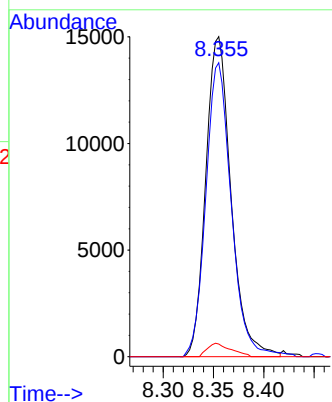


#50
1,2-Dibromoethane
Concen: 5.061 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Instrument :
MSVOA_V
ClientSampleId :

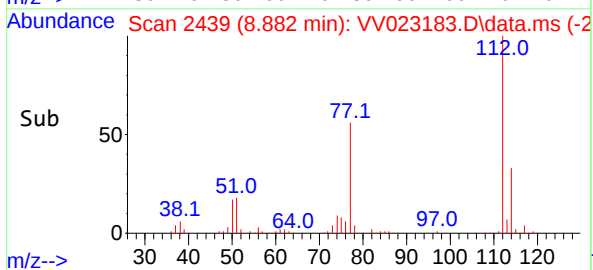
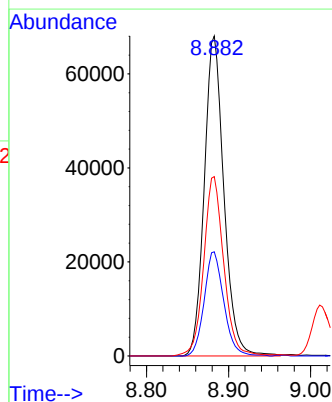
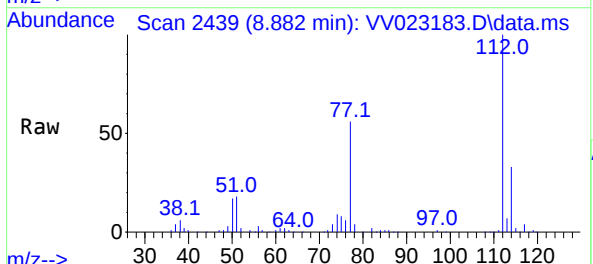


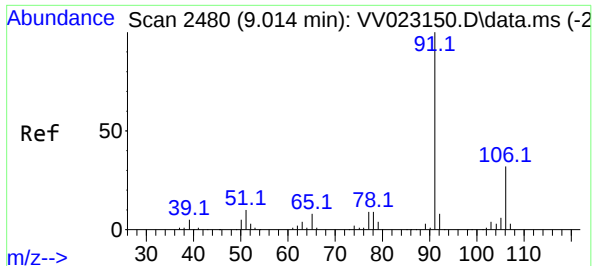
Tgt Ion:107 Resp: 26247
Ion Ratio Lower Upper
107 100
109 91.9 64.7 120.1
188 3.9 3.6 5.4



#51
Chlorobenzene
Concen: 5.199 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:112 Resp: 113077
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 56.1 44.4 66.6

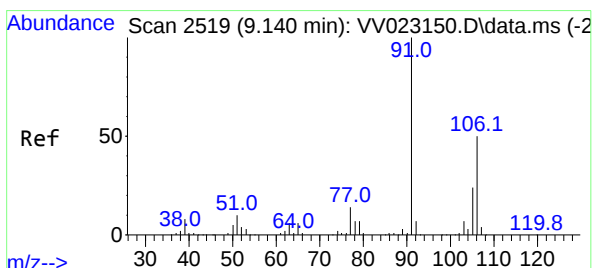
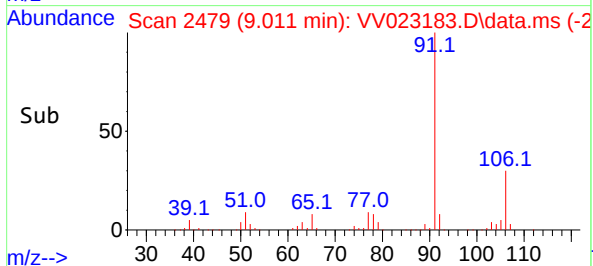
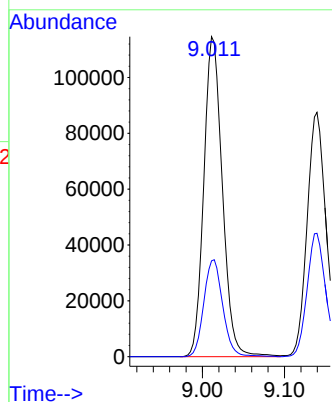
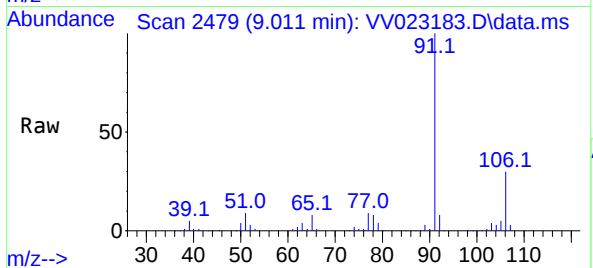




#52
Ethylbenzene
Concen: 5.494 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

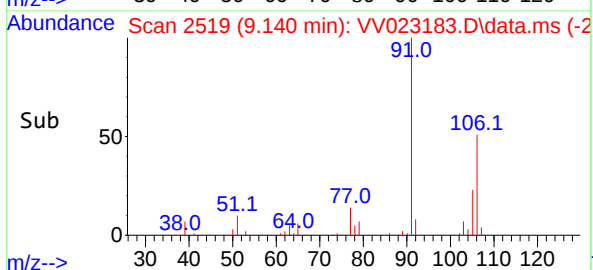
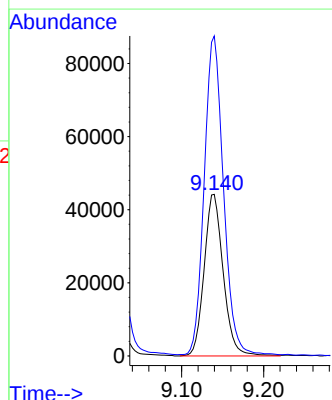
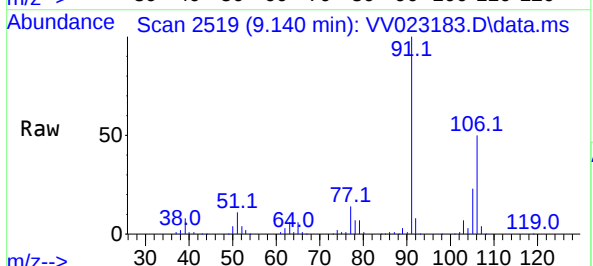
Instrument :
MSVOA_V
ClientSampleId :

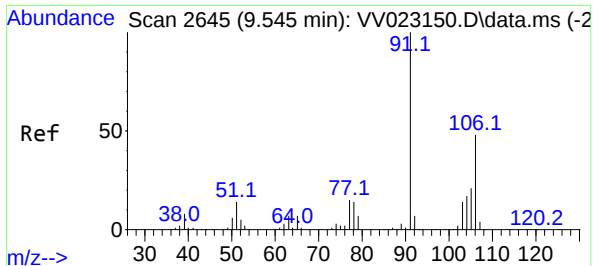
Tgt Ion: 91 Resp: 180534
Ion Ratio Lower Upper
91 100
106 30.0 22.5 41.9



#53
m,p-xylene
Concen: 5.412 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 106 Resp: 71319
Ion Ratio Lower Upper
106 100
91 198.0 137.2 254.8

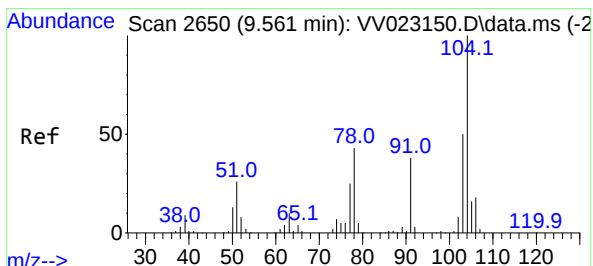
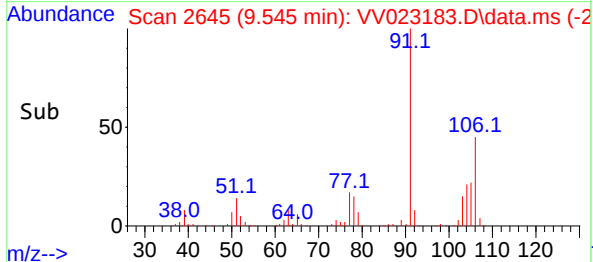
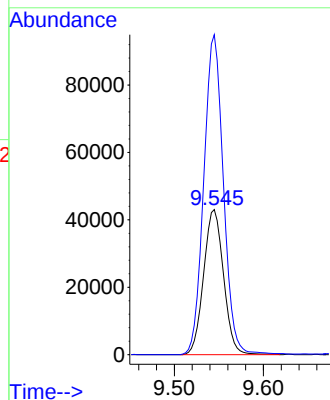
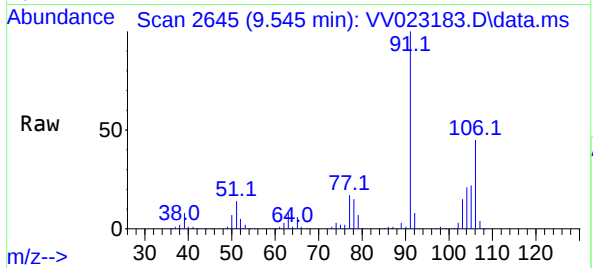




#54
o-xylene
Concen: 5.384 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

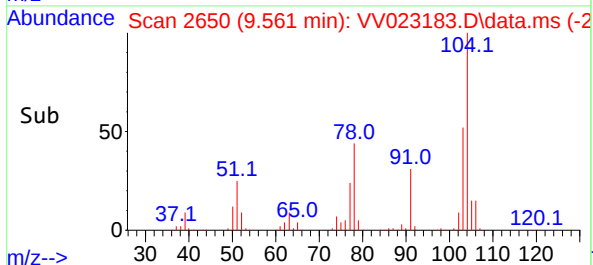
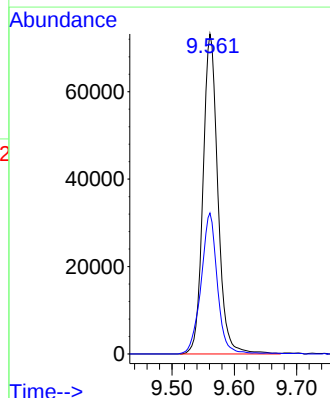
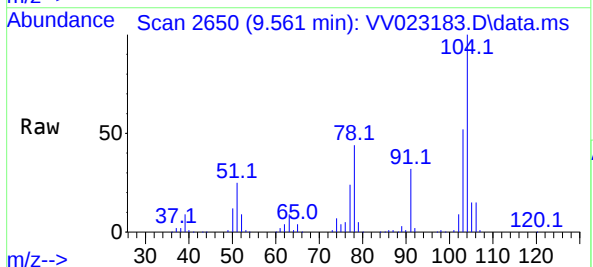
Instrument :
MSVOA_V
ClientSampleId :

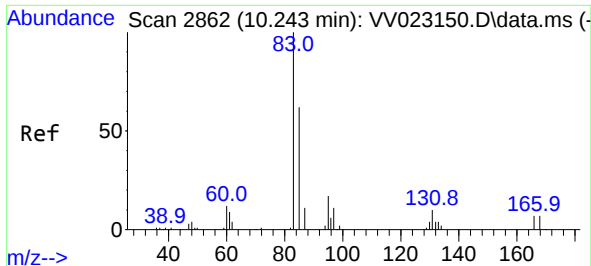
Tgt Ion:106 Resp: 66792
Ion Ratio Lower Upper
106 100
91 220.5 148.3 275.5



#55
Styrene
Concen: 5.678 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:104 Resp: 121641
Ion Ratio Lower Upper
104 100
78 44.1 29.3 54.3





#57

1,1,2,2-Tetrachloroethane

Concen: 4.941 ug/L

RT: 10.243 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VV023183.D

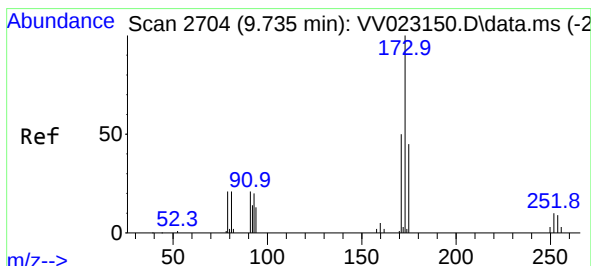
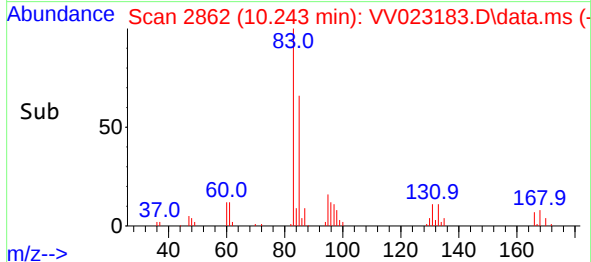
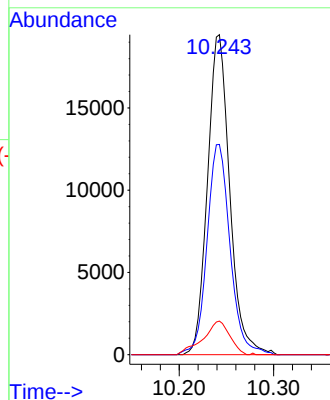
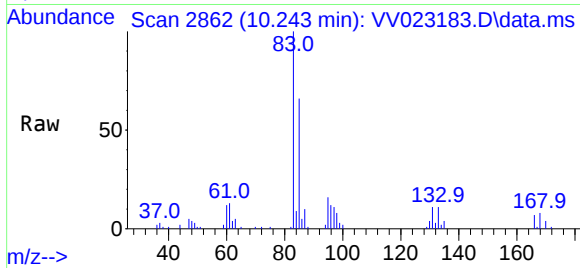
Acq: 03 Nov 2021 13:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	31817
Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.1	83.9
131	10.5	7.8	11.6



#59

Bromoform

Concen: 4.735 ug/L

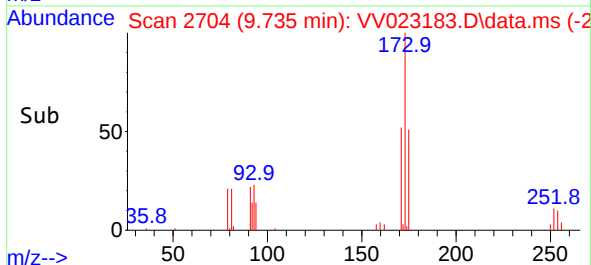
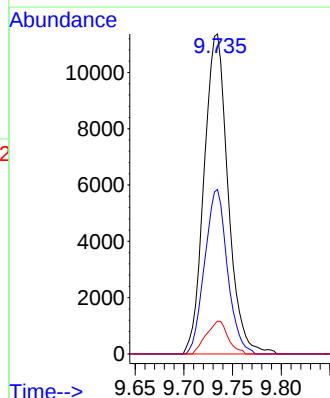
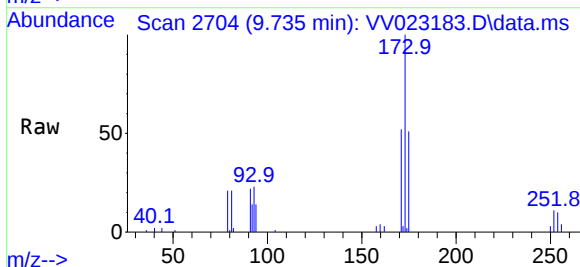
RT: 9.735 min Scan# 2704

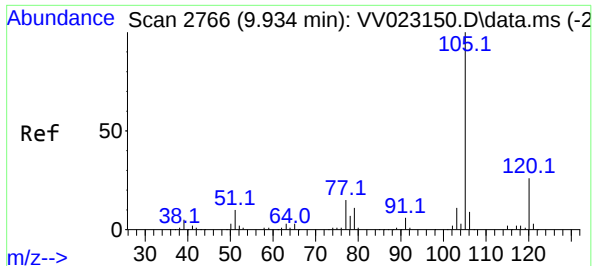
Delta R.T. 0.000 min

Lab File: VV023183.D

Acq: 03 Nov 2021 13:34

Tgt Ion:	173	Resp:	19457
Ion	Ratio	Lower	Upper
173	100		
175	48.7	38.2	57.2
254	9.3	6.2	9.2#

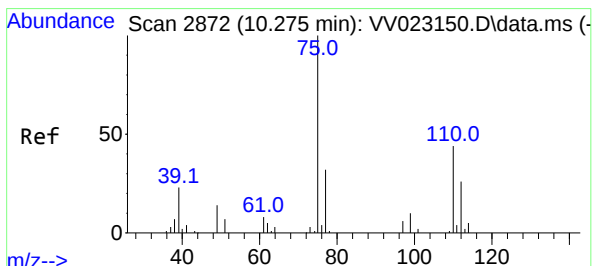
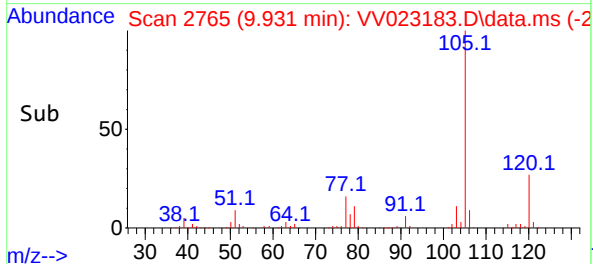
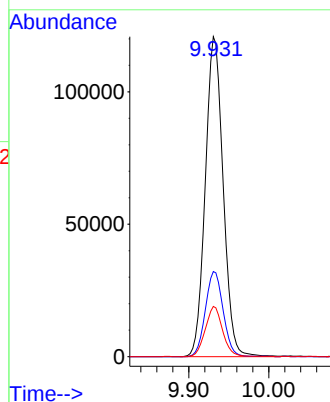
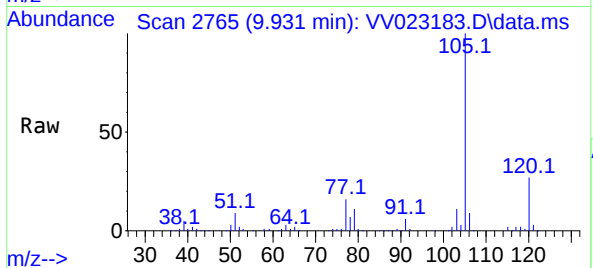




#60
Isopropylbenzene
Concen: 5.262 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

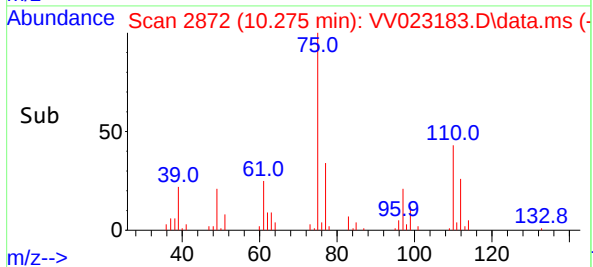
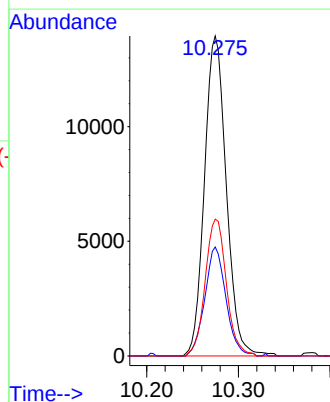
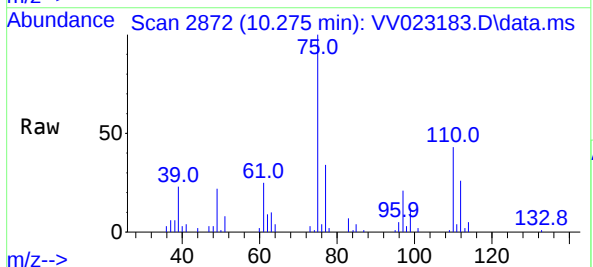
Instrument :
MSVOA_V
ClientSampleId :

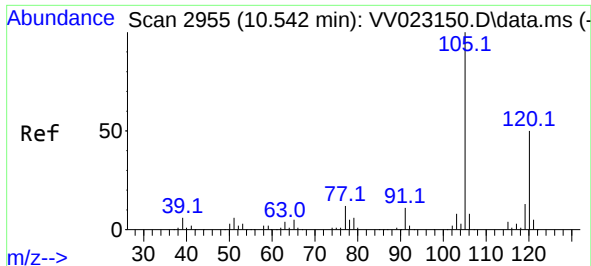
Tgt Ion:105 Resp: 187649
Ion Ratio Lower Upper
105 100
120 26.5 21.7 32.5
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.655 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion: 75 Resp: 23105
Ion Ratio Lower Upper
75 100
77 33.0 26.6 39.8
110 41.5 31.8 47.6

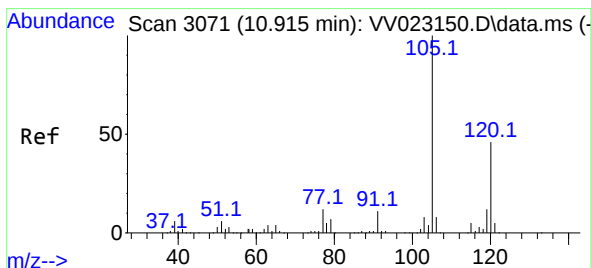
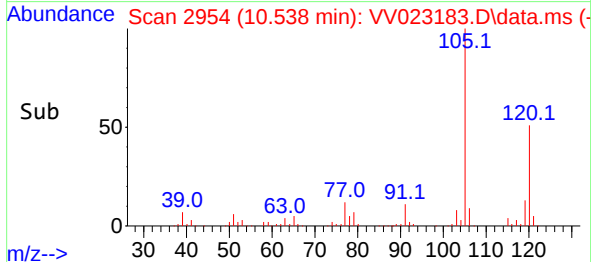
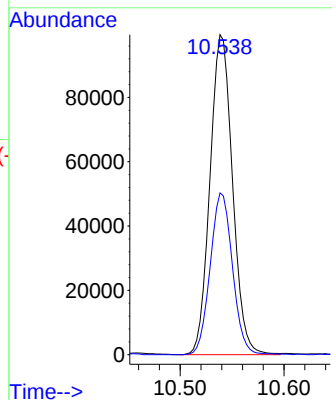
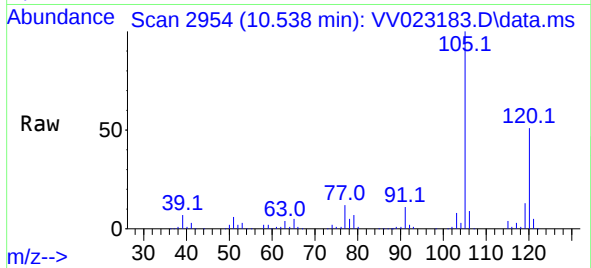




#62
1,3,5-Trimethylbenzene
Concen: 5.228 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

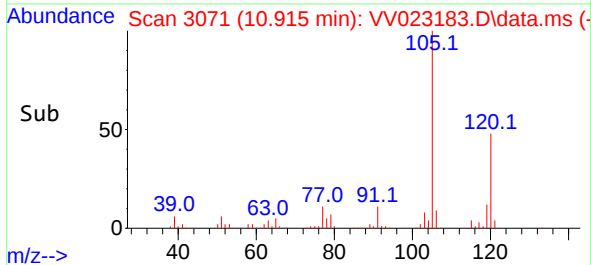
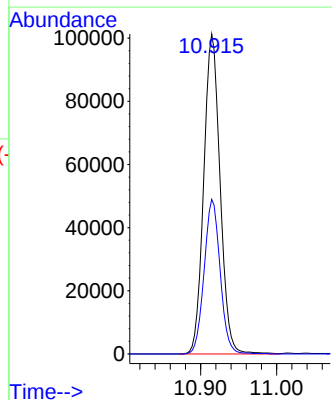
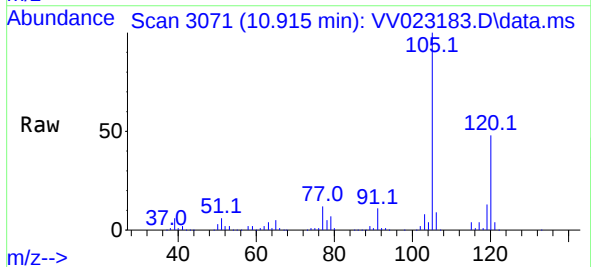
Instrument :
MSVOA_V
ClientSampleId :

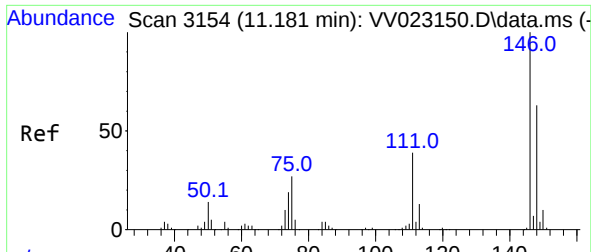
Tgt Ion:105 Resp: 149765
Ion Ratio Lower Upper
105 100
120 50.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.298 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:105 Resp: 151483
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2

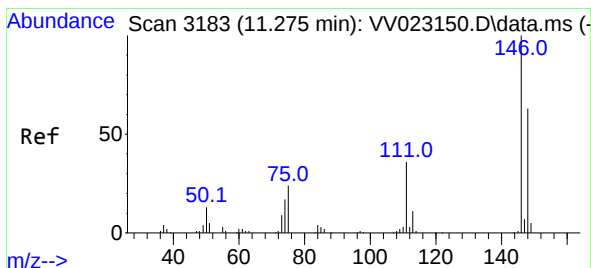
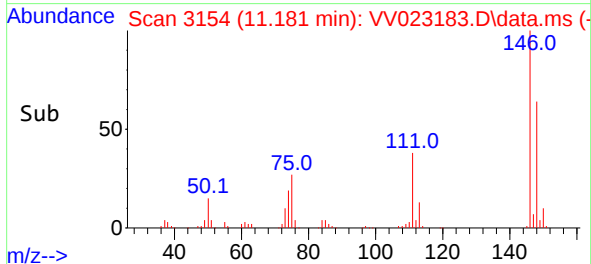
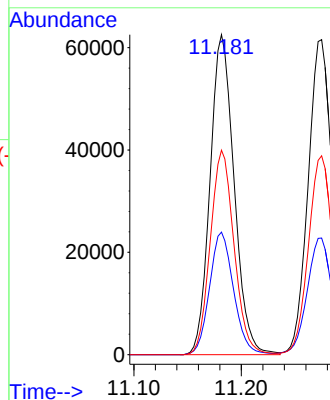
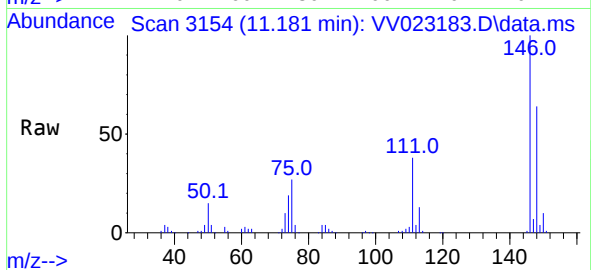




#64
1,3-Dichlorobenzene
Concen: 5.182 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

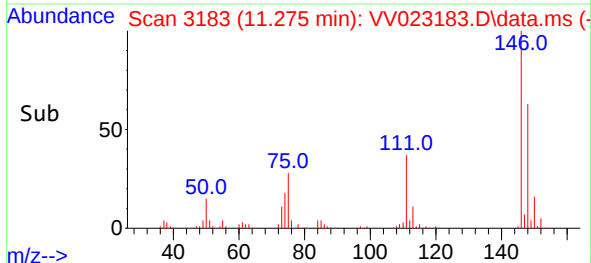
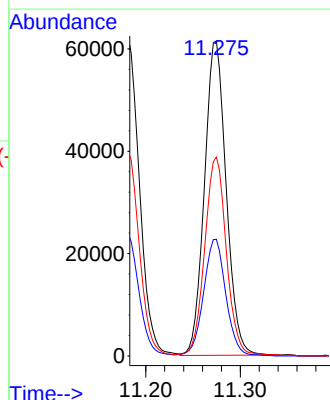
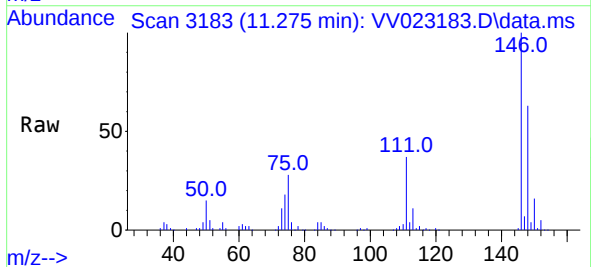
Instrument :
MSVOA_V
ClientSampleId :

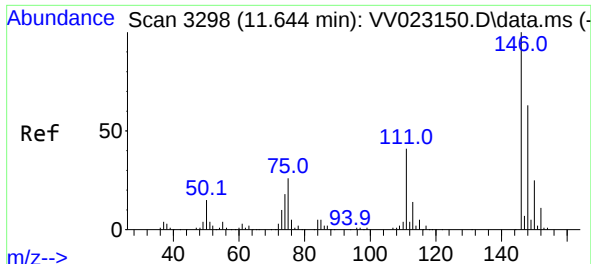
Tgt Ion:146 Resp: 97252
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.9 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.143 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

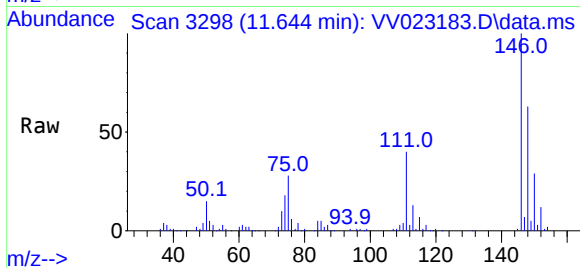
Tgt Ion:146 Resp: 98040
Ion Ratio Lower Upper
146 100
111 37.0 26.2 48.8
148 63.1 44.4 82.5



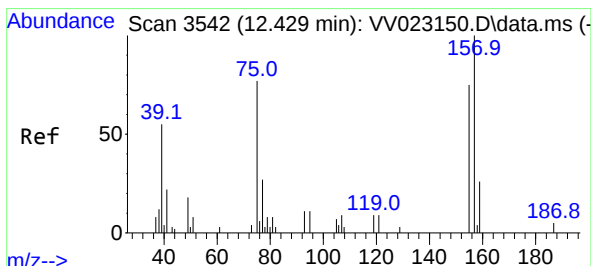
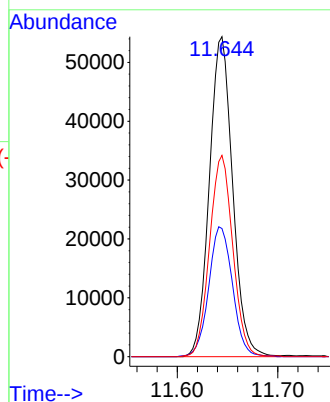
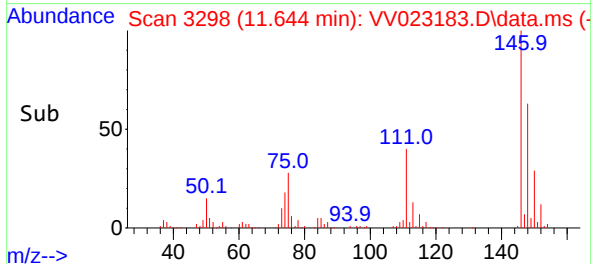


#67
1,2-Dichlorobenzene
Concen: 5.009 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

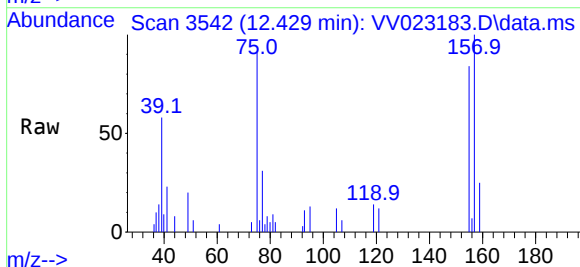
Instrument :
MSVOA_V
ClientSampleId :



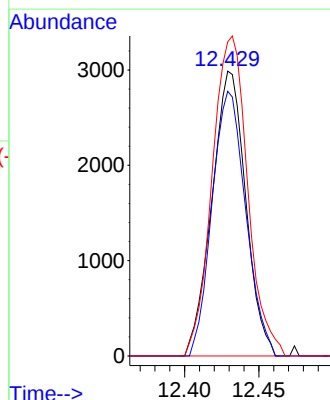
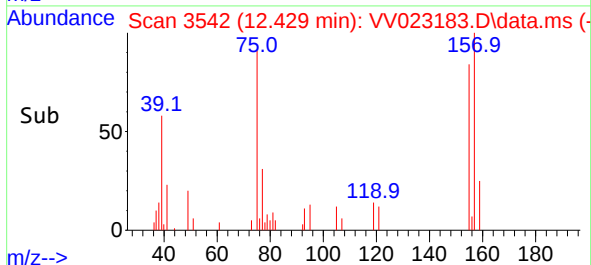
Tgt Ion:146 Resp: 87506
Ion Ratio Lower Upper
146 100
111 40.1 31.6 47.4
148 62.9 51.0 76.6

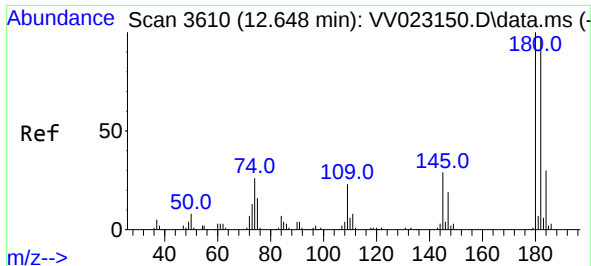


#68
1,2-Dibromo-3-chloropropane
Concen: 4.835 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34



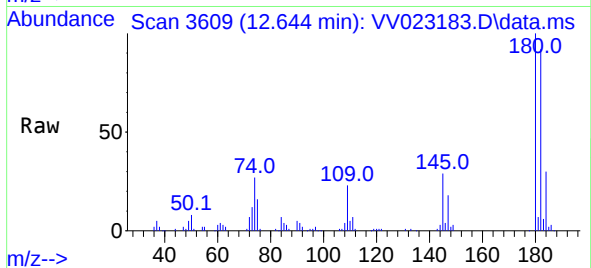
Tgt Ion: 75 Resp: 4735
Ion Ratio Lower Upper
75 100
155 93.0 67.7 101.5
157 110.3 87.9 131.9



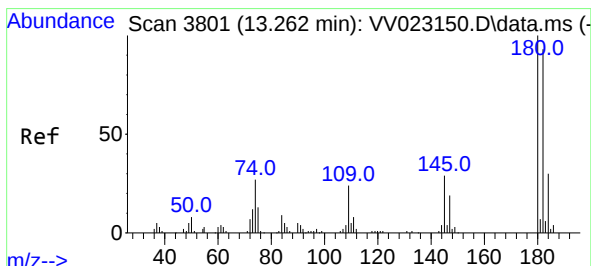
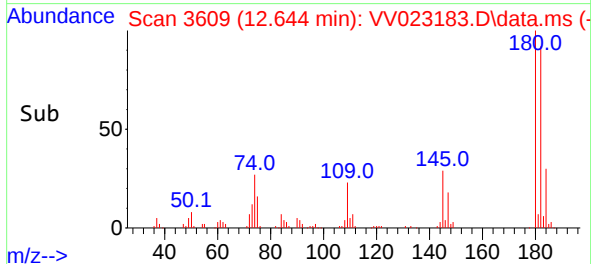
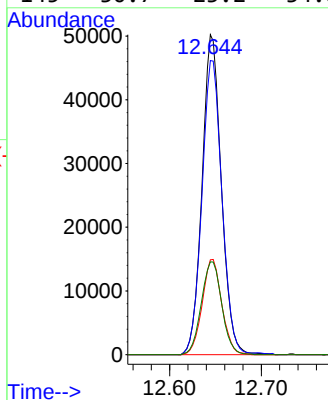


#69
1,3,5-Trichlorobenzene
Concen: 5.132 ug/L
RT: 12.644 min Scan# 3610
Delta R.T. -0.003 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Instrument :
MSVOA_V
ClientSampleId :

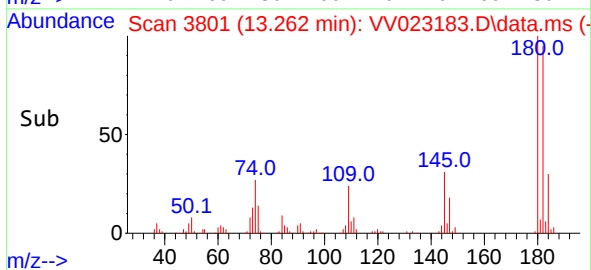
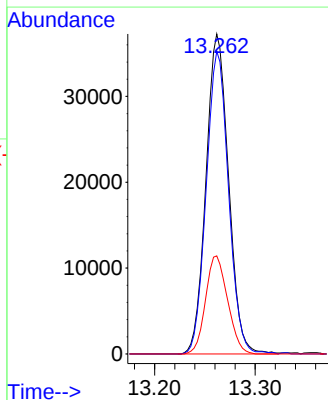
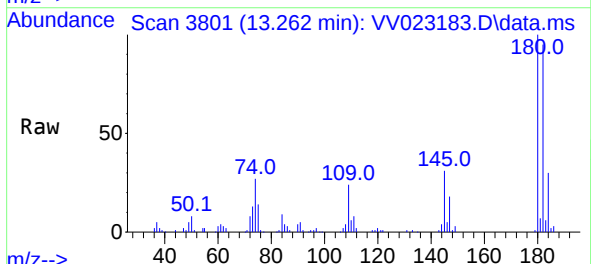


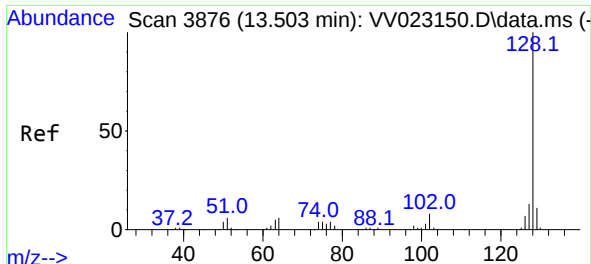
Tgt Ion:180 Resp: 73354
Ion Ratio Lower Upper
180 100
182 95.4 74.9 112.3
184 30.2 23.8 35.8
145 30.7 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.430 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:180 Resp: 58073
Ion Ratio Lower Upper
180 100
182 93.4 76.9 115.3
145 29.9 24.4 36.6

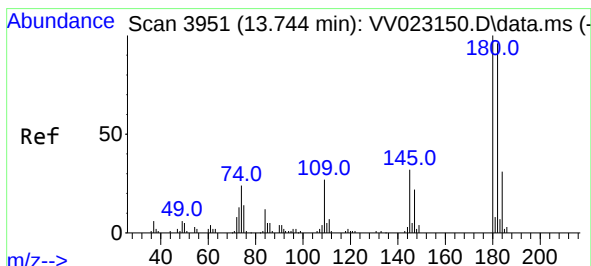
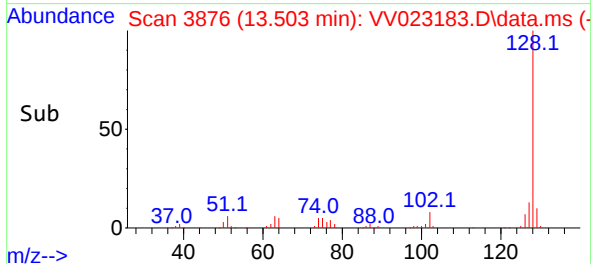
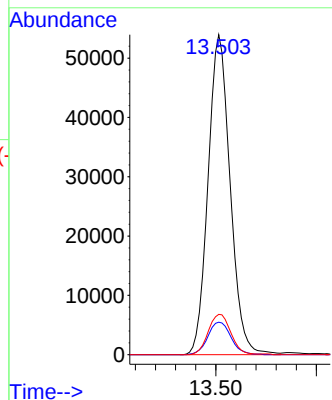
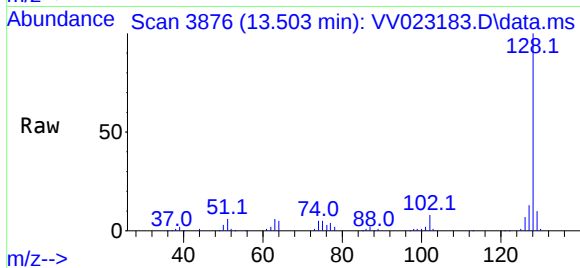




#71
Naphthalene
Concen: 5.063 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	82327
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.6	13.0
127	12.9	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.230 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023183.D
Acq: 03 Nov 2021 13:34

Tgt Ion:	180	Resp:	51921
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.7	115.1
145	30.9	25.7	38.5

