

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023175.D
 Acq On : 03 Nov 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 07 01:55:55 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	122388	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124118	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44462	4.157	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.568	69	35269	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	2.108	63	78921	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	3.902	46	75851	44.214	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.420%
24) Chloroform-d	4.346	84	93631	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.031	65	42020	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.047	84	180892	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.066	67	51999	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.313	98	172231	5.291	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	7.622	79	19869	5.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.088	63	74647	51.587	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37432	4.860	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	61507	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	37615	4.845	ug/L	100
3) Chloromethane	1.240	50	36786	4.383	ug/L	97
5) Vinyl chloride	1.310	62	38464	4.438	ug/L	98
6) Bromomethane	1.523	94	26093	5.958	ug/L	98
8) Chloroethane	1.584	64	25551	5.637	ug/L	98
9) Trichlorofluoromethane	1.754	101	66535	5.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38469	5.768	ug/L	99
12) 1,1-Dichloroethene	2.118	96	33779	5.391	ug/L	98
13) Acetone	2.198	43	44457	52.819	ug/L	93
14) Carbon disulfide	2.294	76	99912	5.855	ug/L	99
15) Methyl Acetate	2.442	43	11628	3.632	ug/L	99
16) Methylene chloride	2.507	84	45997	6.683	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	79681	5.326	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	40575	6.065	ug/L	98
19) 1,1-Dichloroethane	3.188	63	77273	6.287	ug/L	97
21) 2-Butanone	3.982	43	73249	44.454	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	43020	5.672	ug/L	# 90
23) Bromochloromethane	4.249	128	20498	5.953	ug/L	# 84
25) Chloroform	4.375	83	82980	5.109	ug/L	99

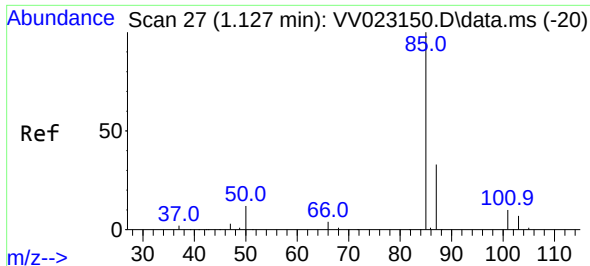
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
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Instrument :
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 ClientSampleId :

Quant Time: Nov 07 01:55:55 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)
27) 1,2-Dichloroethane	5.127	62	43980	5.135	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	73630	5.250	ug/L	99
30) Cyclohexane	4.677	56	55911	4.566	ug/L	98
31) Carbon tetrachloride	4.828	117	64271	5.325	ug/L	99
33) Benzene	5.098	78	167707	5.021	ug/L	100
34) Trichloroethene	5.915	95	43001	5.125	ug/L	94
35) Methylcyclohexane	6.127	83	61413	5.111	ug/L	97
37) 1,2-Dichloropropane	6.172	63	40973	4.867	ug/L	99
38) Bromodichloromethane	6.510	83	54369	5.235	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	54920	5.239	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	194234	49.008	ug/L	98
42) Toluene	7.387	91	184344	5.446	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	48786	5.625	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	30311	5.147	ug/L	97
47) Tetrachloroethene	7.976	164	38106	5.375	ug/L	96
48) 2-Hexanone	8.140	43	148631	50.519	ug/L	97
49) Dibromochloromethane	8.246	129	37956	5.416	ug/L	98
50) 1,2-Dibromoethane	8.352	107	27414	5.170	ug/L #	99
51) Chlorobenzene	8.883	112	118920	5.348	ug/L	99
52) Ethylbenzene	9.011	91	185148	5.511	ug/L	98
53) m,p-xylene	9.137	106	74800	5.552	ug/L	99
54) o-xylene	9.542	106	69669	5.493	ug/L	100
55) Styrene	9.561	104	124119	5.667	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	33438	5.079	ug/L	96
59) Bromoform	9.731	173	21298	5.047	ug/L #	99
60) Isopropylbenzene	9.931	105	191444	5.227	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23320	4.575	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	151585	5.153	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	155162	5.285	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	99751	5.176	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	100625	5.140	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	90628	5.052	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4908	4.880	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644	180	75924	5.173	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	58913	5.364	ug/L	99
71) Naphthalene	13.503	128	83298	4.989	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53401	5.238	ug/L	99

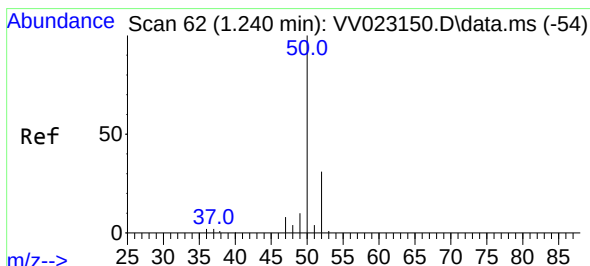
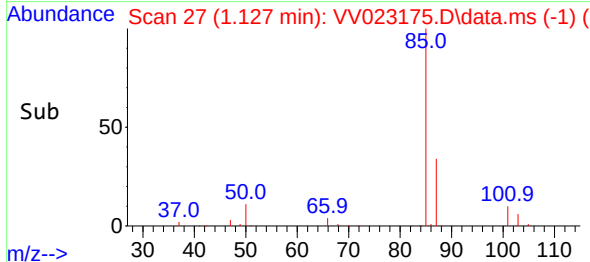
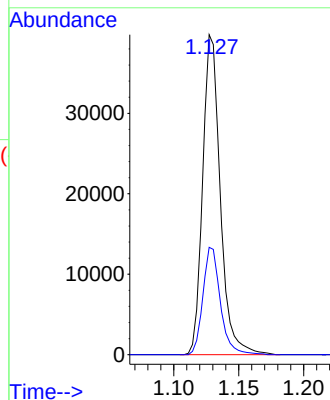
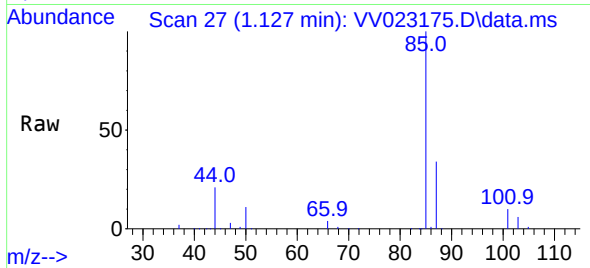
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.845 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

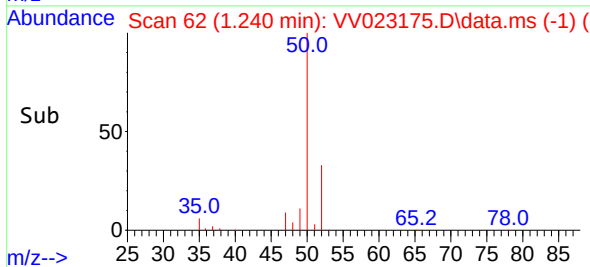
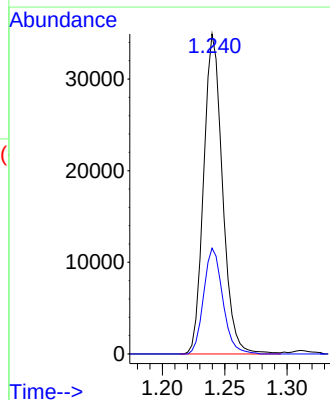
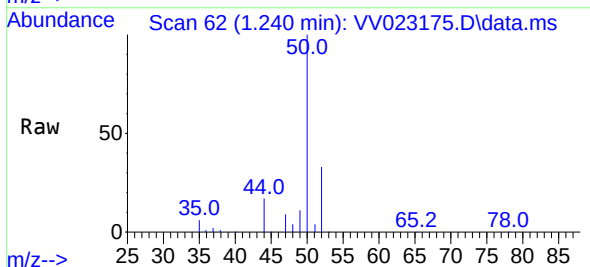
Instrument :
 MSVOA_V
 ClientSampleId :

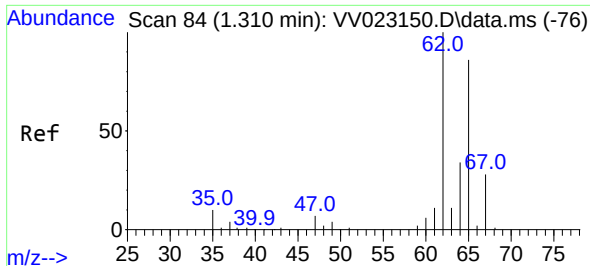
Tgt Ion: 85 Resp: 37615
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.6 39.8



#3
 Chloromethane
 Concen: 4.383 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

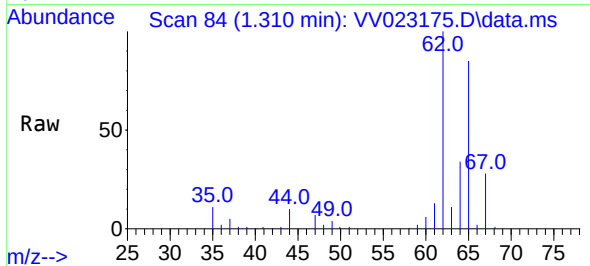
Tgt Ion: 50 Resp: 36786
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.3 45.1



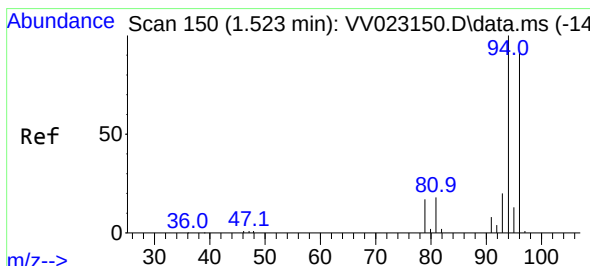
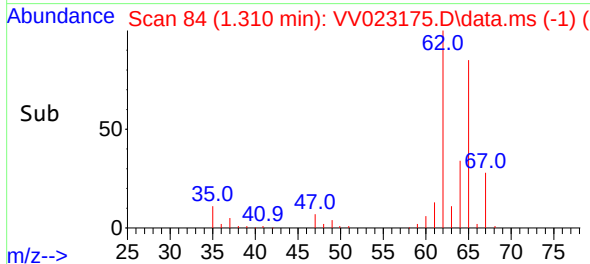
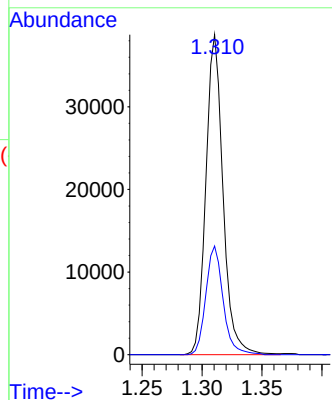


#5
 Vinyl chloride
 Concen: 4.438 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

Instrument :
 MSVOA_V
 ClientSampleId :

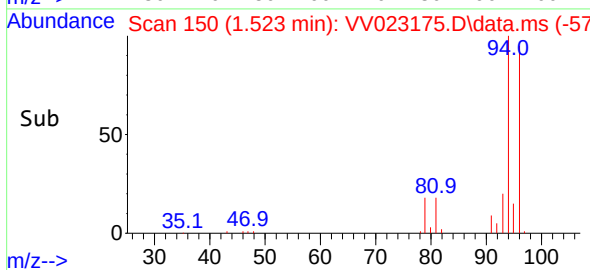
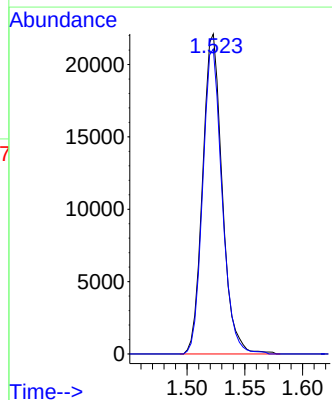
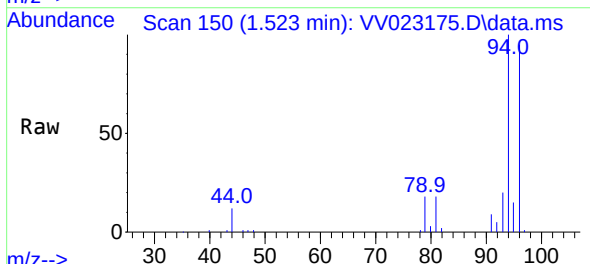


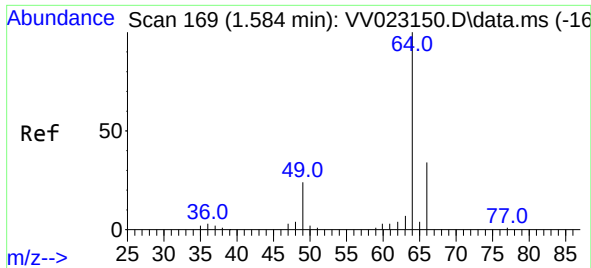
Tgt Ion: 62 Resp: 38464
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.1 42.9



#6
 Bromomethane
 Concen: 5.958 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

Tgt Ion: 94 Resp: 26093
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.0 120.8

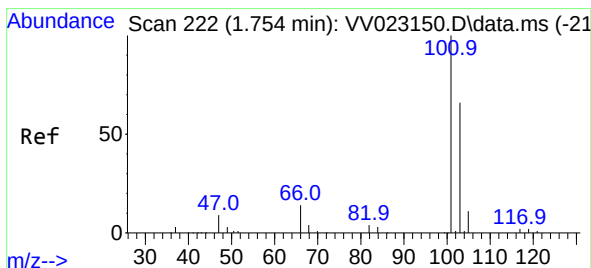
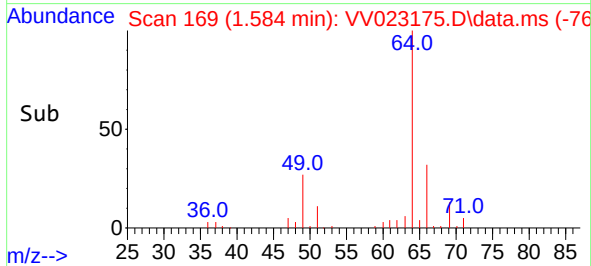
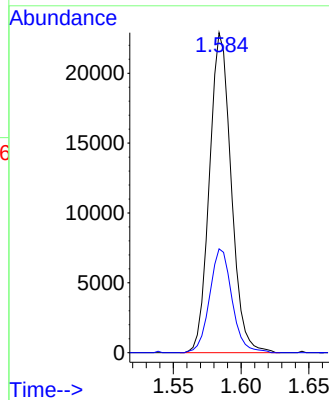
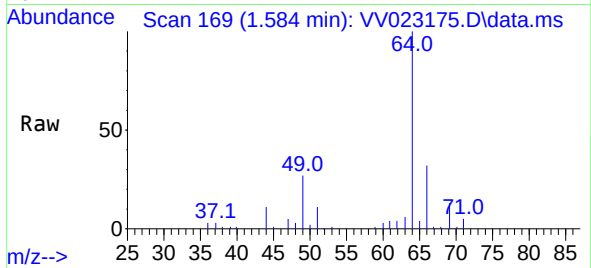




#8
Chloroethane
Concen: 5.637 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

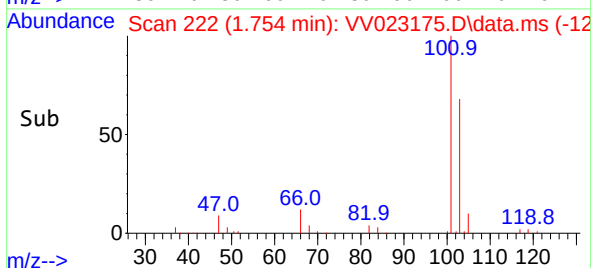
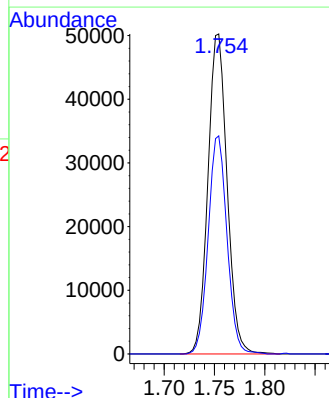
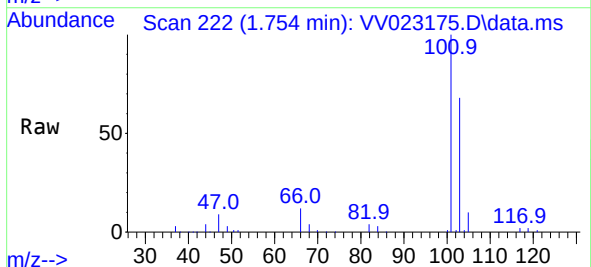
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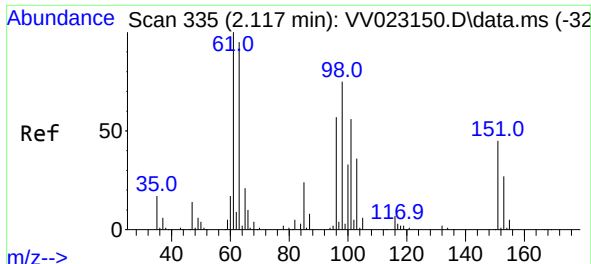
Tgt Ion: 64 Resp: 25551
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.688 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion:101 Resp: 66535
Ion Ratio Lower Upper
101 100
103 66.8 52.6 79.0

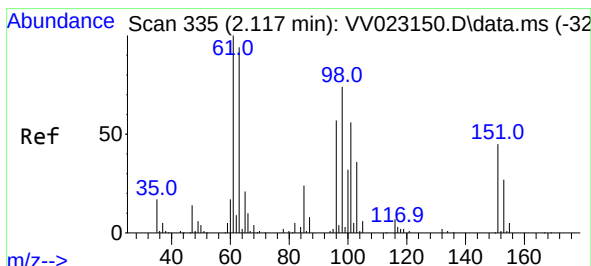
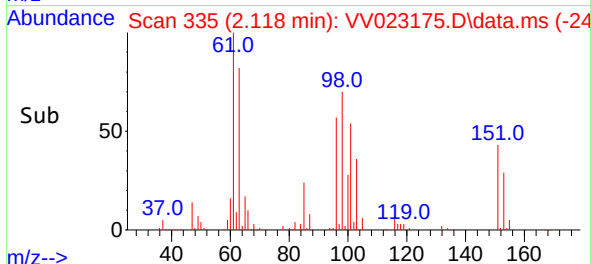
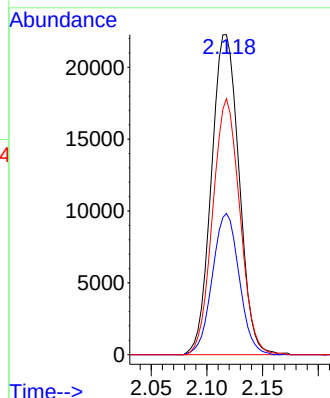
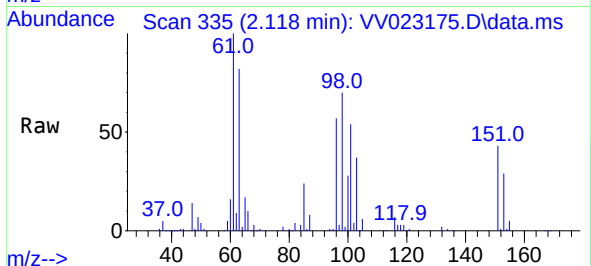




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.768 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

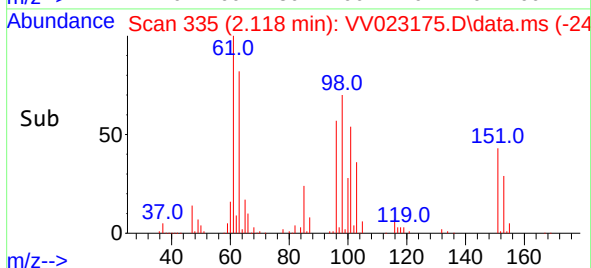
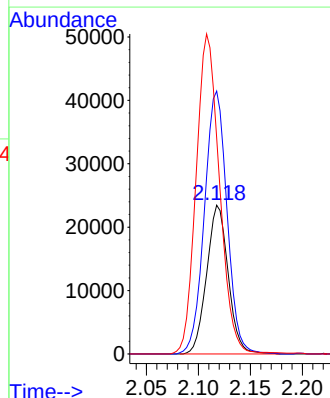
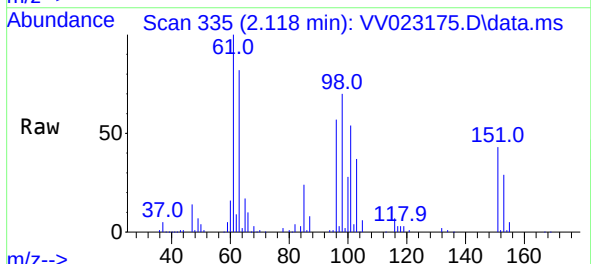
Instrument :
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 ClientSampleId :

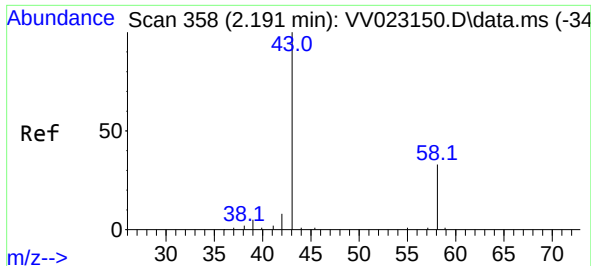
Tgt Ion:101 Resp: 38469
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.3 52.9
 151 78.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 5.391 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023175.D
 Acq: 03 Nov 2021 10:08

Tgt Ion: 96 Resp: 33779
 Ion Ratio Lower Upper
 96 100
 61 176.7 121.5 225.7
 63 145.2 99.6 185.0





#13

Acetone

Concen: 52.819 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

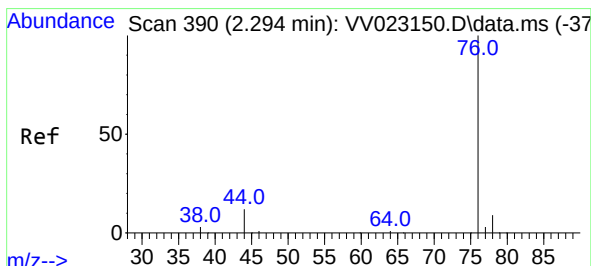
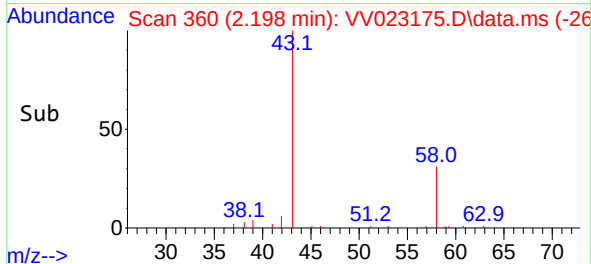
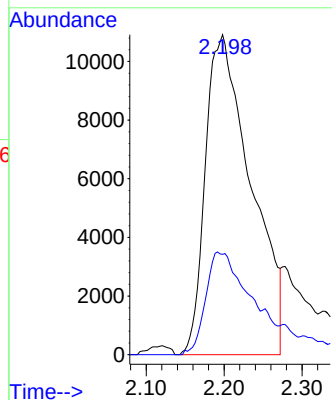
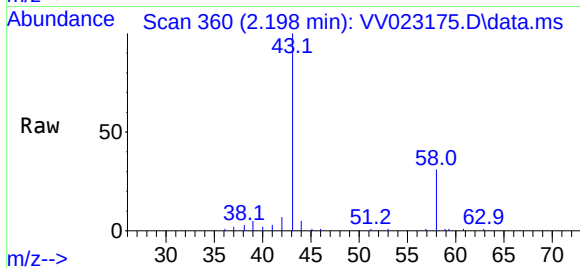
ClientSampleId :

Tgt Ion: 43 Resp: 44457

Ion Ratio Lower Upper

43 100

58 31.5 0.0 55.4



#14

Carbon disulfide

Concen: 5.855 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023175.D

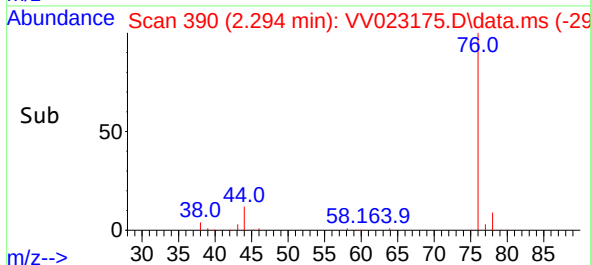
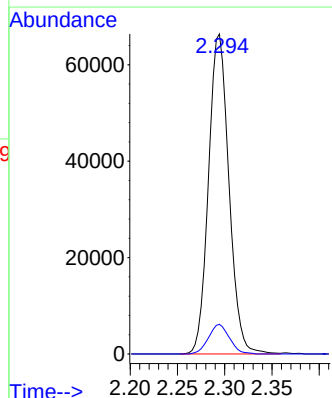
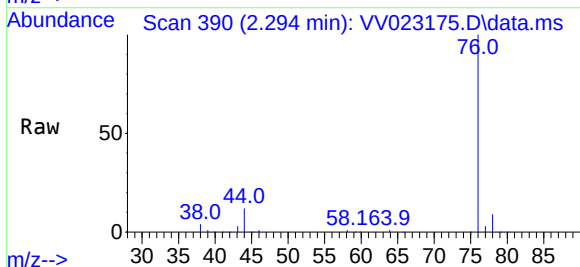
Acq: 03 Nov 2021 10:08

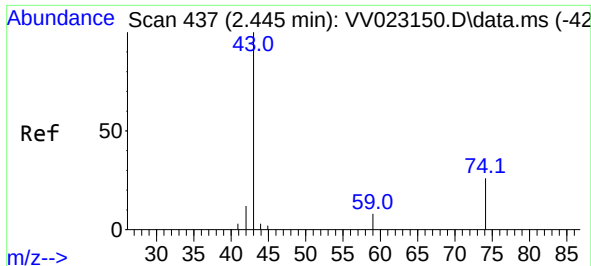
Tgt Ion: 76 Resp: 99912

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

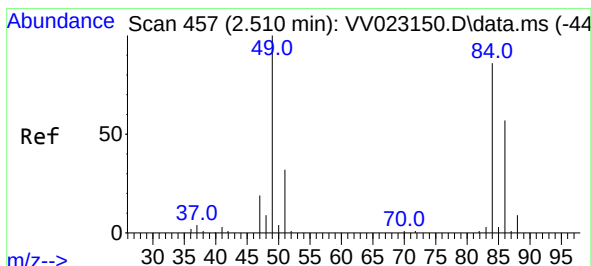
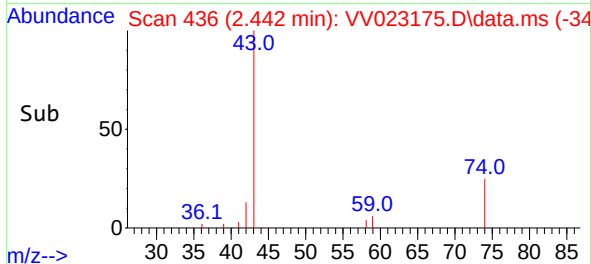
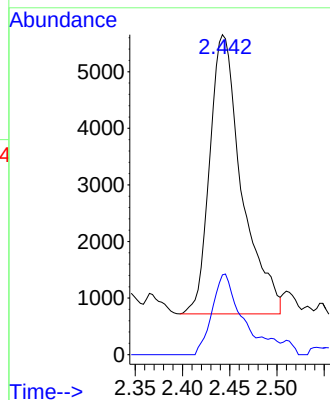
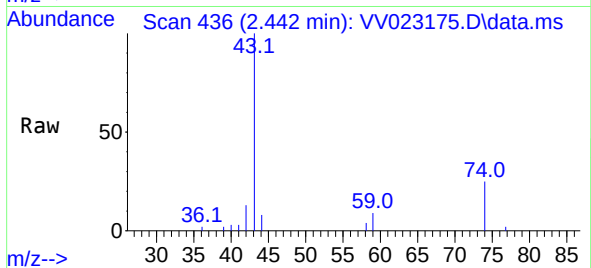




#15
Methyl Acetate
Concen: 3.632 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

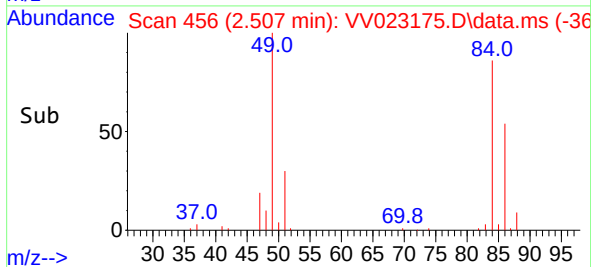
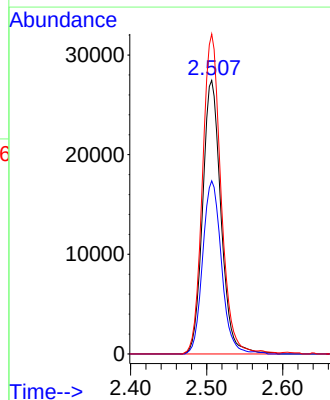
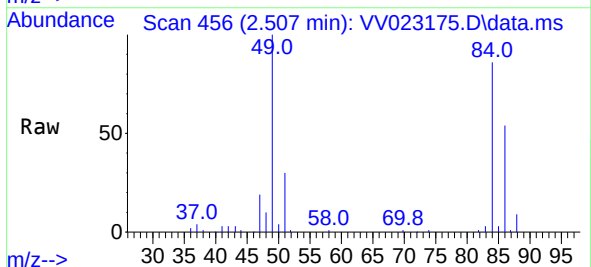
Instrument :
MSVOA_V
ClientSampleId :

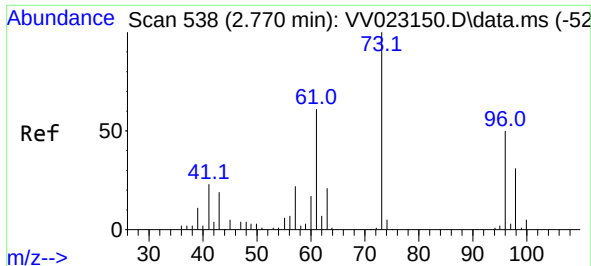
Tgt Ion: 43 Resp: 11628
Ion Ratio Lower Upper
43 100
74 28.2 22.2 33.2



#16
Methylene chloride
Concen: 6.683 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 84 Resp: 45997
Ion Ratio Lower Upper
84 100
86 63.3 42.3 78.5
49 117.0 79.7 148.1

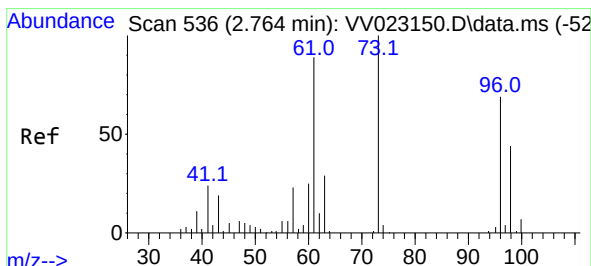
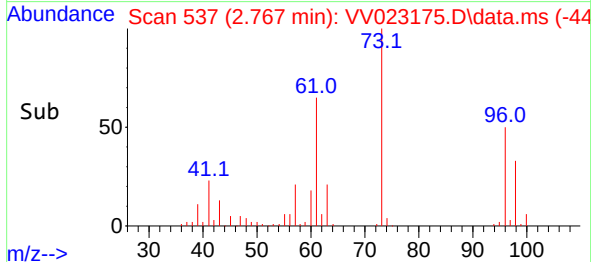
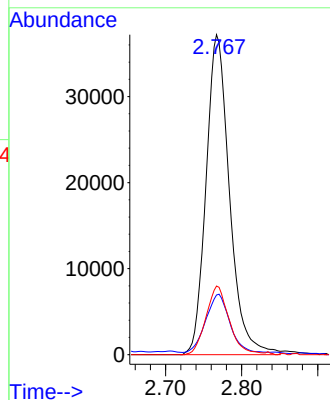
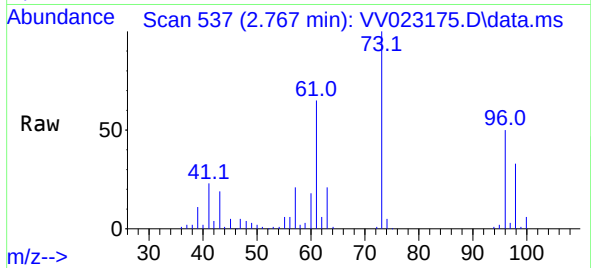




#17
Methyl tert-butyl Ether
Concen: 5.326 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

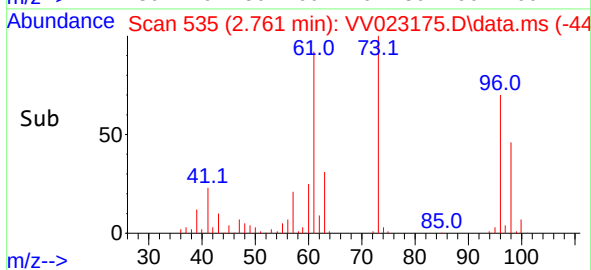
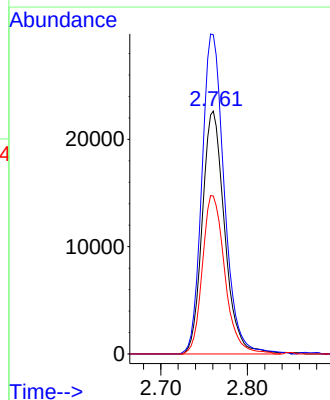
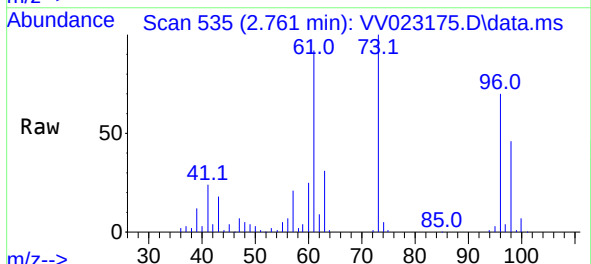
Instrument :
MSVOA_V
ClientSampleId :

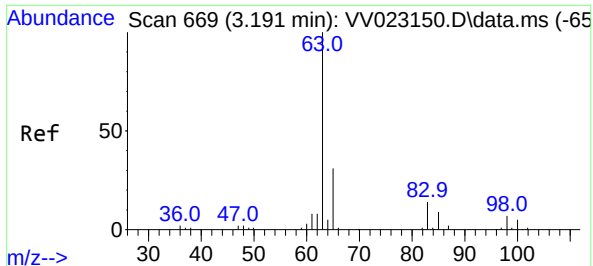
Tgt Ion: 73 Resp: 79681
Ion Ratio Lower Upper
73 100
43 18.4 17.4 26.0
57 21.2 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 6.065 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 96 Resp: 40575
Ion Ratio Lower Upper
96 100
61 131.4 93.2 173.2
98 65.0 47.0 87.2

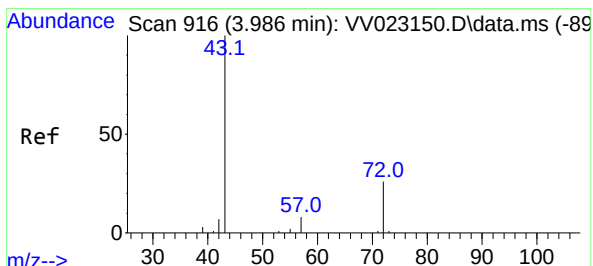
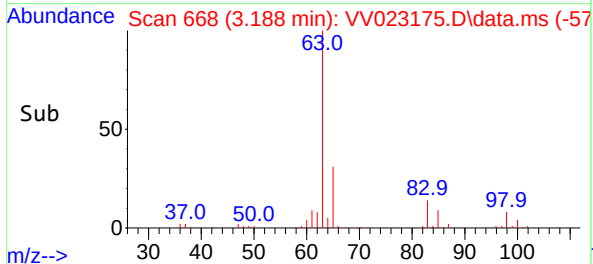
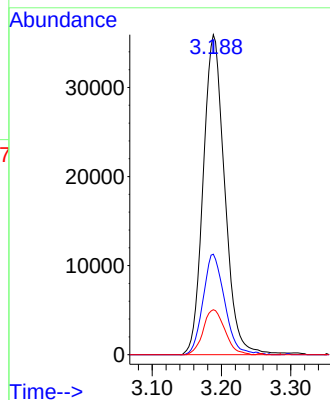
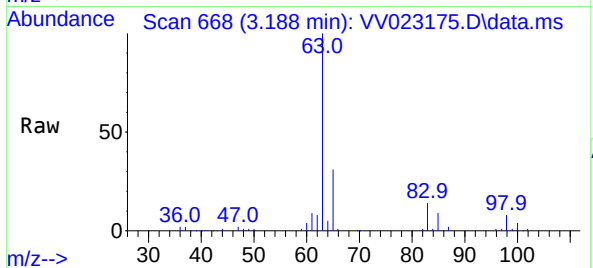




#19
1,1-Dichloroethane
Concen: 6.287 ug/L
RT: 3.188 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

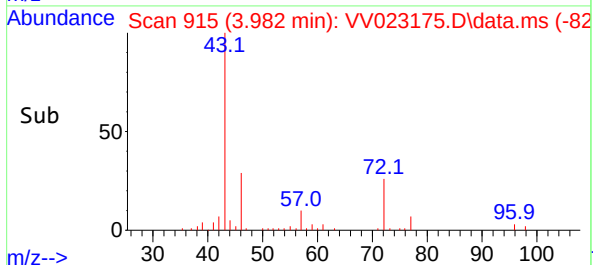
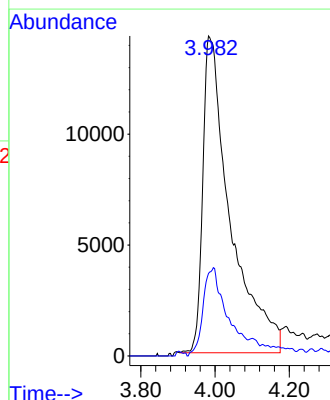
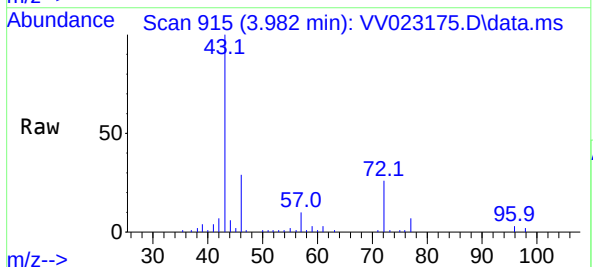
Instrument :
MSVOA_V
ClientSampleId :

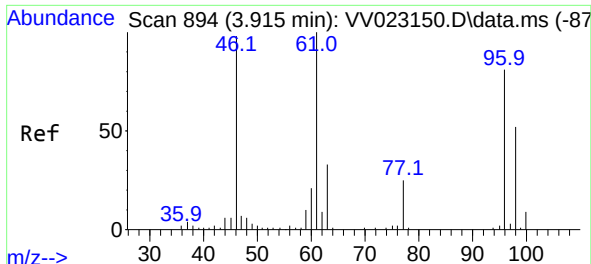
Tgt Ion: 63 Resp: 77273
Ion Ratio Lower Upper
63 100
65 31.4 22.6 42.0
83 14.0 11.1 20.7



#21
2-Butanone
Concen: 44.454 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

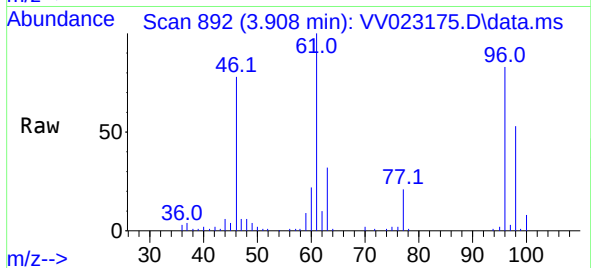
Tgt Ion: 43 Resp: 73249
Ion Ratio Lower Upper
43 100
72 24.0 11.9 35.9



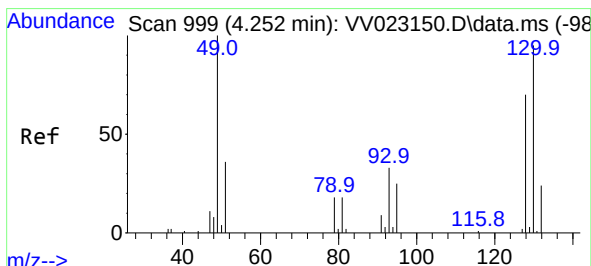
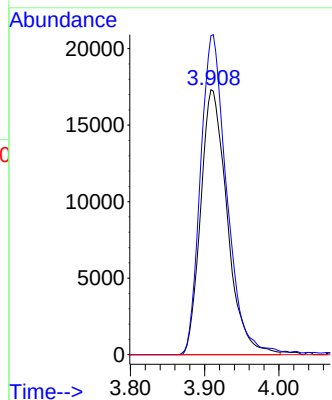
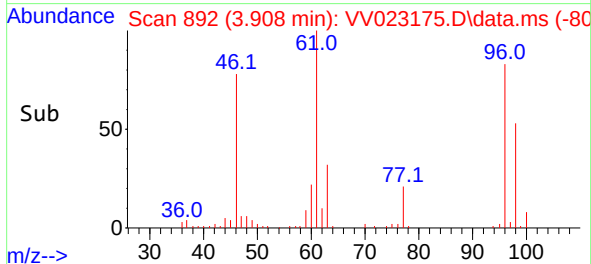


#22
cis-1,2-Dichloroethene
Concen: 5.672 ug/L
RT: 3.908 min Scan# 894
Delta R.T. -0.006 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

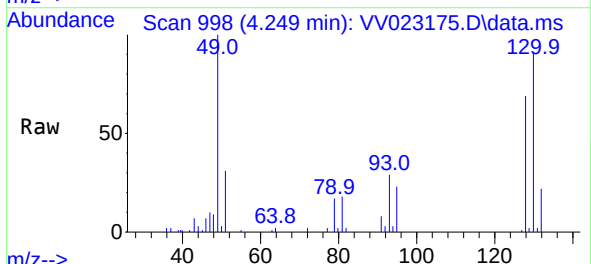
Instrument :
MSVOA_V
ClientSampleId :



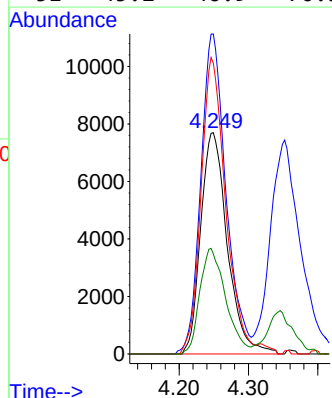
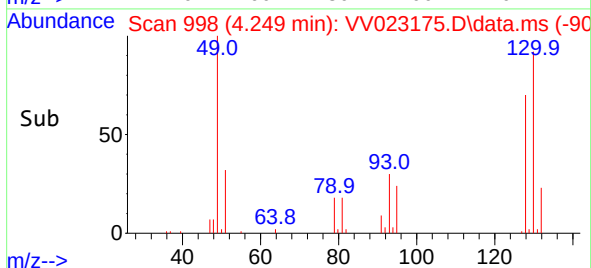
Tgt Ion: 96 Resp: 43020
Ion Ratio Lower Upper
96 100
61 120.4 92.3 171.3
68 0.0 0.4 0.8#

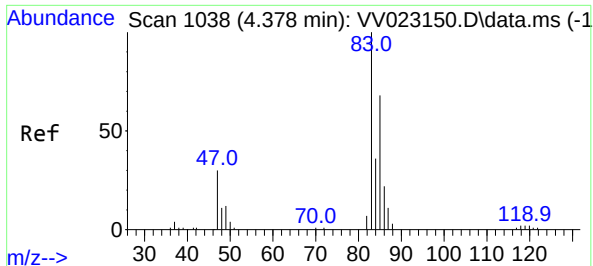


#23
Bromochloromethane
Concen: 5.953 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08



Tgt Ion: 128 Resp: 20498
Ion Ratio Lower Upper
128 100
49 144.6 126.1 234.3
130 131.4 95.2 176.8
51 45.2 46.9 70.3#





#25

Chloroform

Concen: 5.109 ug/L

RT: 4.375 min Scan# 1038

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

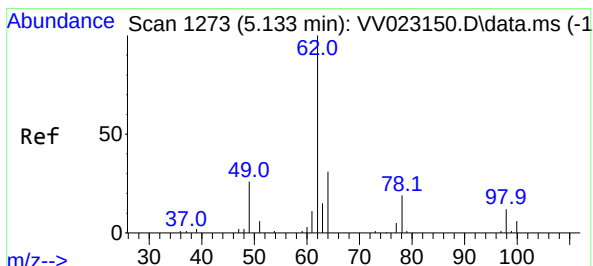
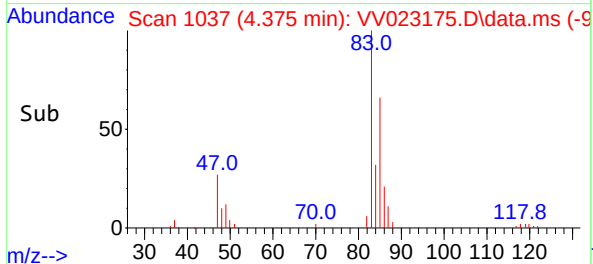
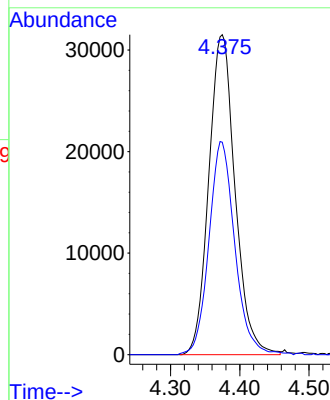
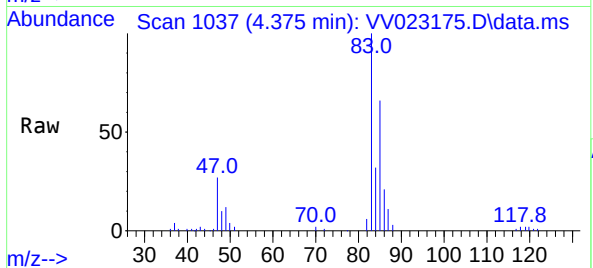
ClientSampleId :

Tgt Ion: 83 Resp: 82980

Ion Ratio Lower Upper

83 100

85 66.4 46.8 86.8



#27

1,2-Dichloroethane

Concen: 5.135 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV023175.D

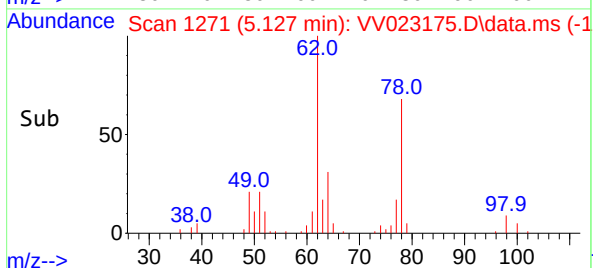
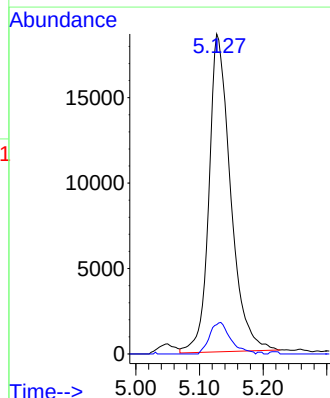
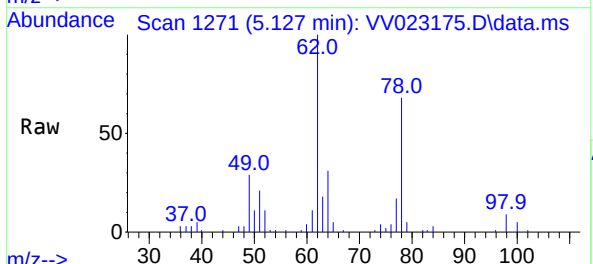
Acq: 03 Nov 2021 10:08

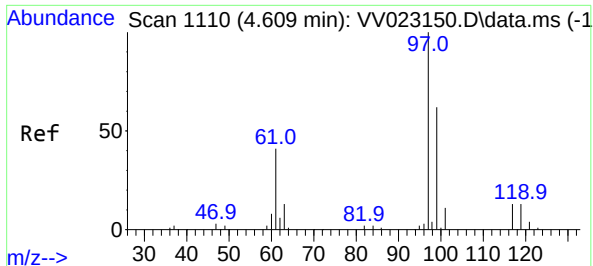
Tgt Ion: 62 Resp: 43980

Ion Ratio Lower Upper

62 100

98 9.1 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.250 ug/L

RT: 4.606 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

ClientSampleId :

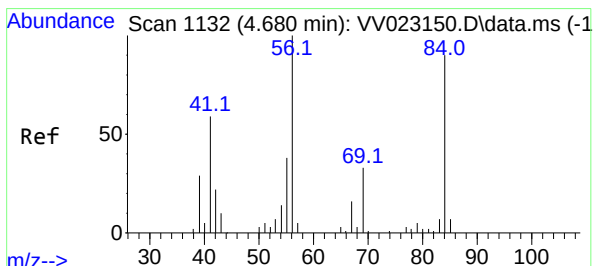
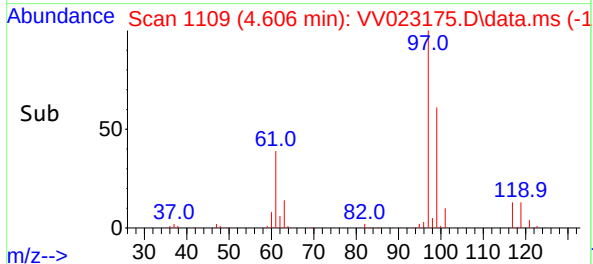
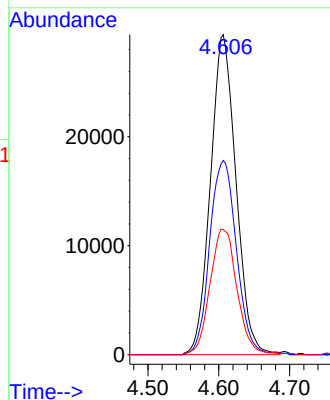
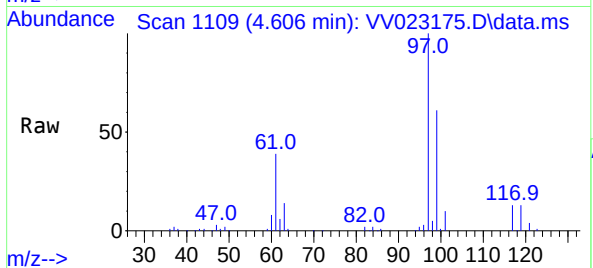
Tgt Ion: 97 Resp: 73630

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 41.5 34.1 51.1



#30

Cyclohexane

Concen: 4.566 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

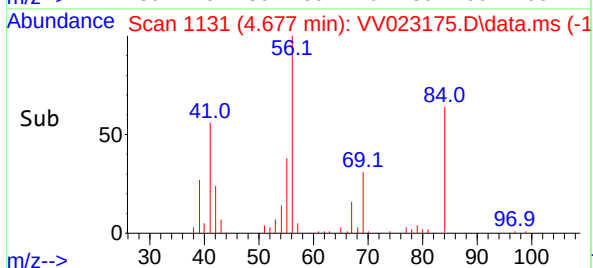
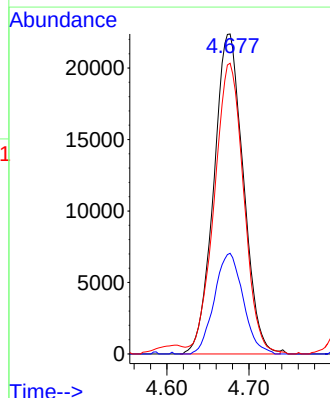
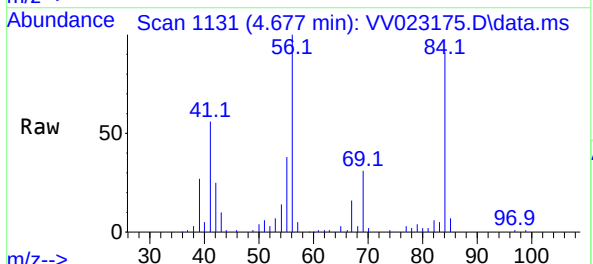
Tgt Ion: 56 Resp: 55911

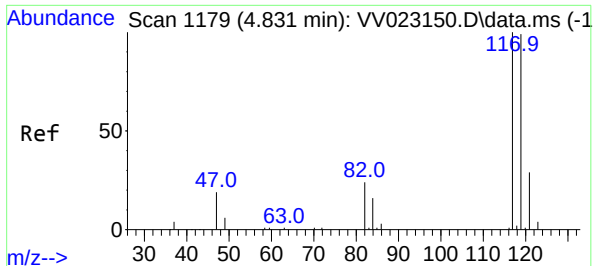
Ion Ratio Lower Upper

56 100

69 30.6 23.5 35.3

84 90.8 71.6 107.4

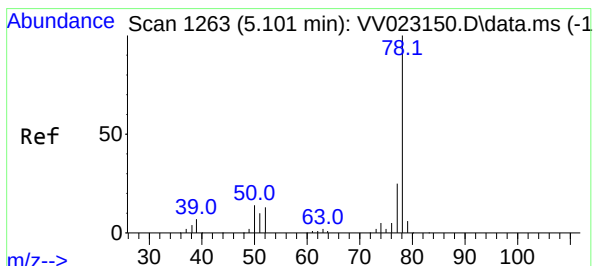
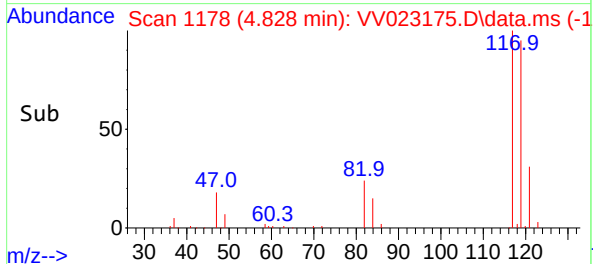
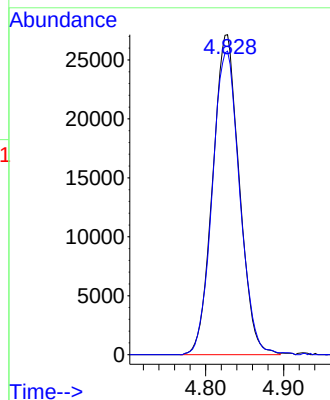
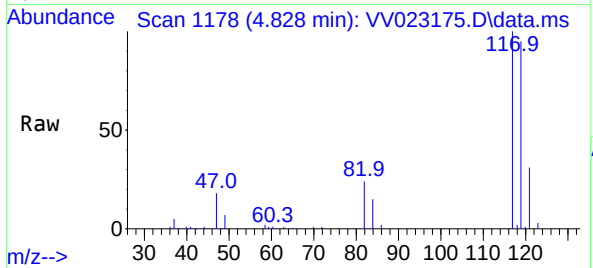




#31
Carbon tetrachloride
Concen: 5.325 ug/L
RT: 4.828 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

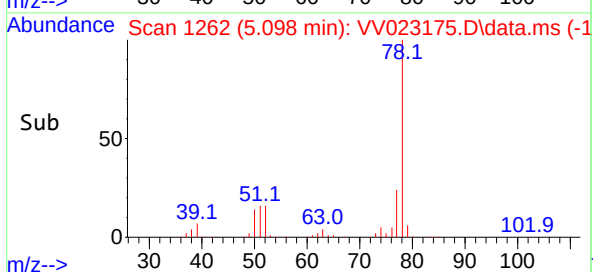
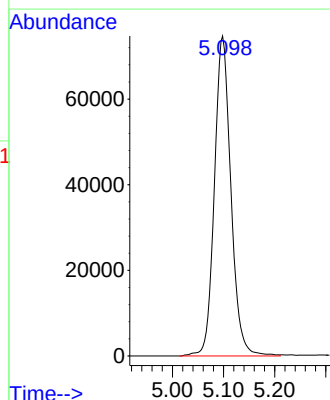
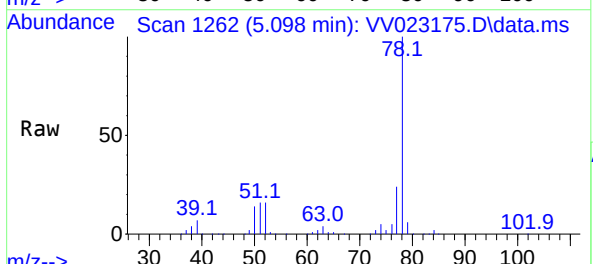
Instrument :
MSVOA_V
ClientSampleId :

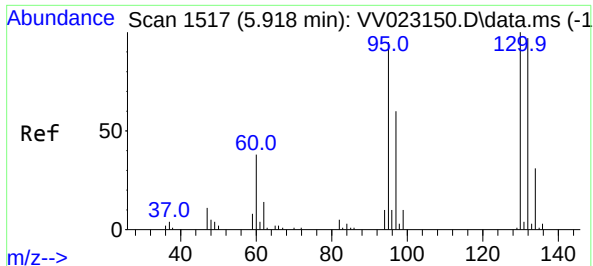
Tgt Ion:117 Resp: 64271
Ion Ratio Lower Upper
117 100
119 97.8 78.8 118.2



#33
Benzene
Concen: 5.021 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 78 Resp: 167707

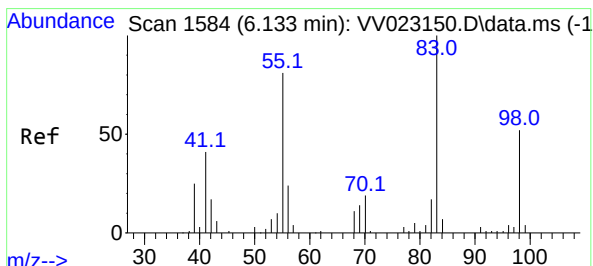
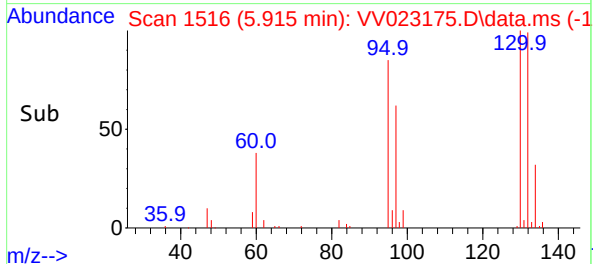
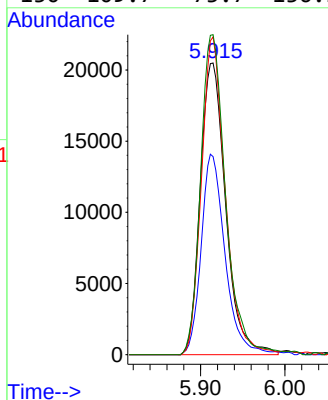
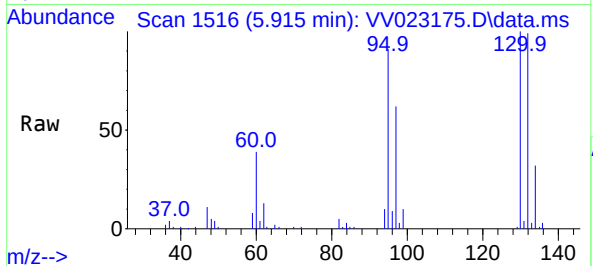




#34
Trichloroethene
Concen: 5.125 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

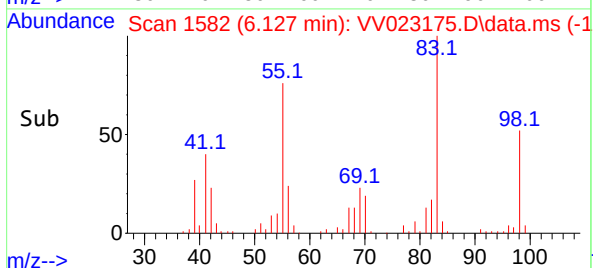
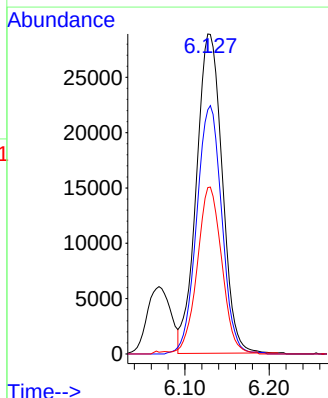
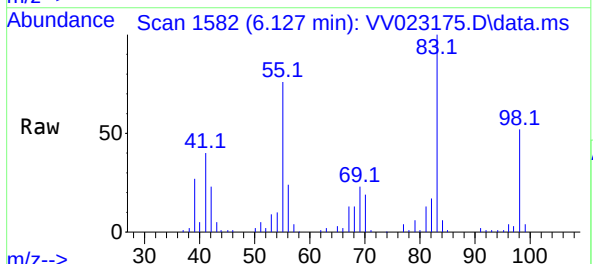
Instrument :
MSVOA_V
ClientSampleId :

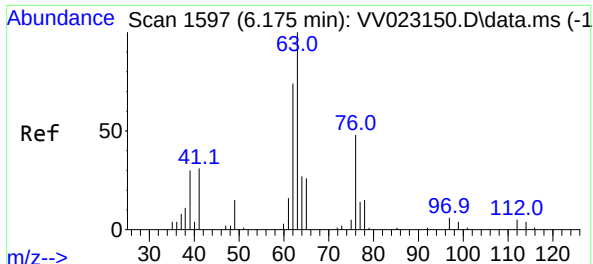
Tgt Ion: 95 Resp: 43001
Ion Ratio Lower Upper
95 100
97 67.9 45.0 83.6
132 108.9 69.7 129.4
130 109.7 73.7 136.9



#35
Methylcyclohexane
Concen: 5.111 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.006 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 83 Resp: 61413
Ion Ratio Lower Upper
83 100
55 75.9 62.8 94.2
98 50.0 37.9 56.9

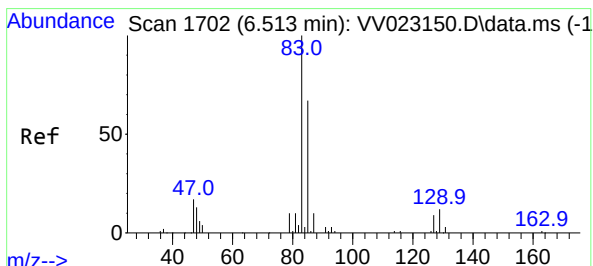
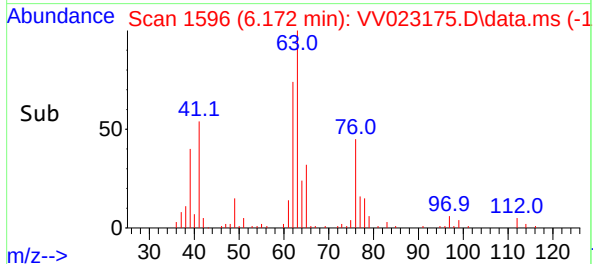
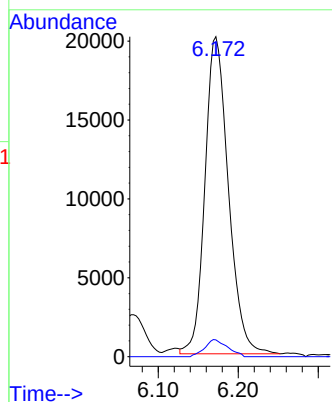
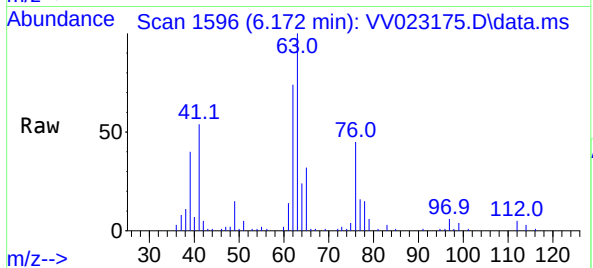




#37
1,2-Dichloropropane
Concen: 4.867 ug/L
RT: 6.172 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

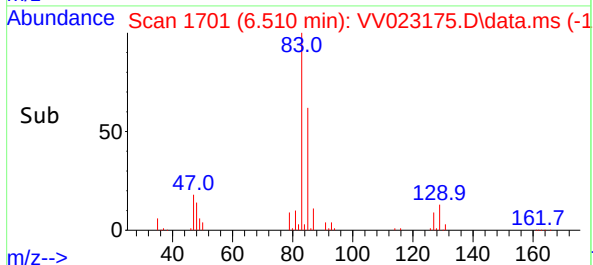
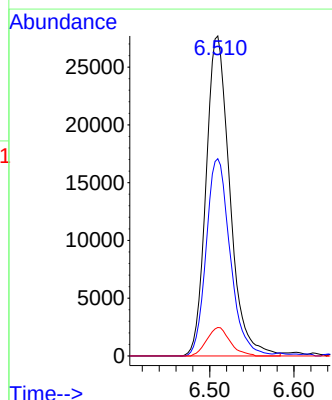
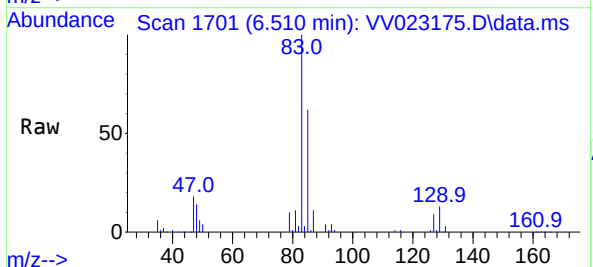
Instrument :
MSVOA_V
ClientSampleId :

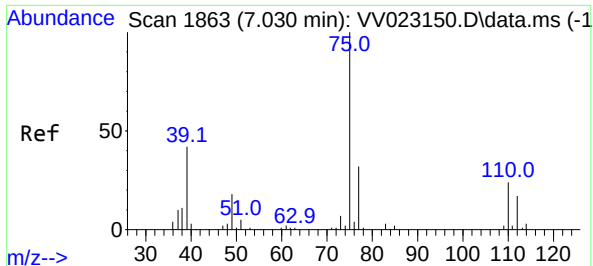
Tgt Ion: 63 Resp: 40973
Ion Ratio Lower Upper
63 100
112 5.2 4.6 6.8



#38
Bromodichloromethane
Concen: 5.235 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 83 Resp: 54369
Ion Ratio Lower Upper
83 100
85 61.7 46.1 85.7
127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.239 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

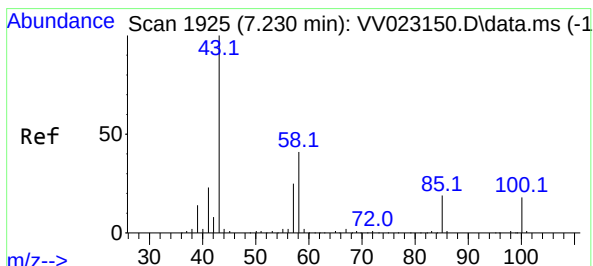
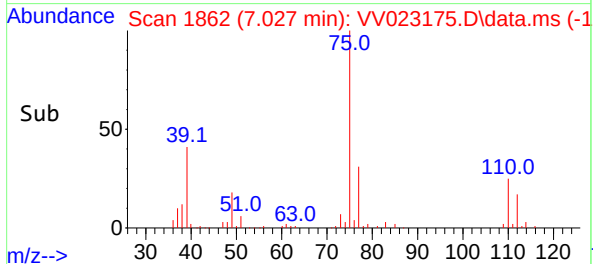
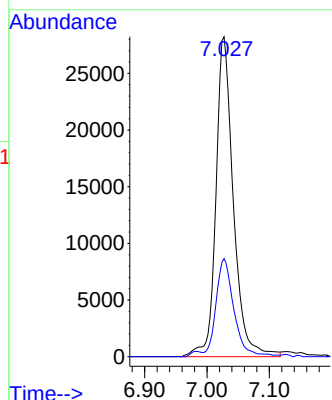
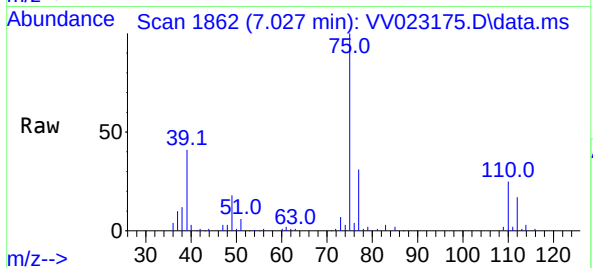
ClientSampleId :

Tgt Ion: 75 Resp: 54920

Ion Ratio Lower Upper

75 100

77 30.7 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 49.008 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

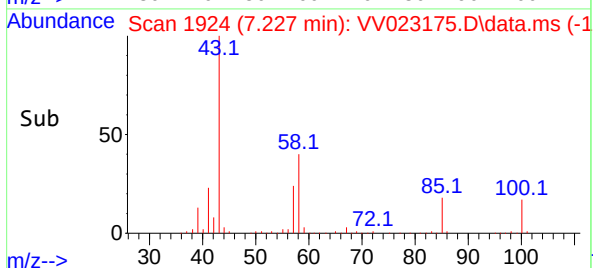
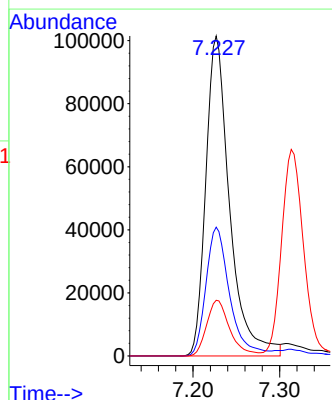
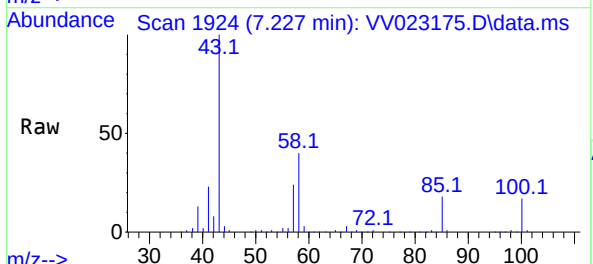
Tgt Ion: 43 Resp: 194234

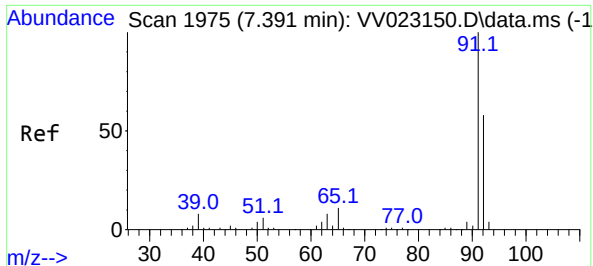
Ion Ratio Lower Upper

43 100

58 39.9 31.1 46.7

100 16.9 12.6 19.0





#42

Toluene

Concen: 5.446 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

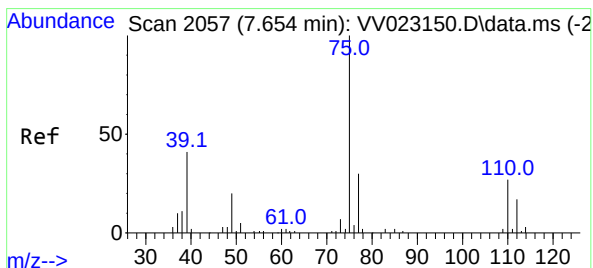
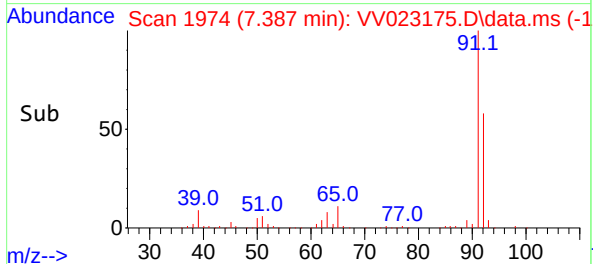
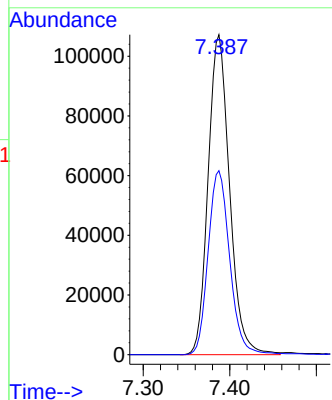
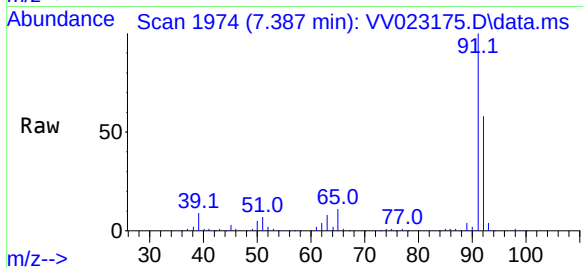
ClientSampleId :

Tgt Ion: 91 Resp: 184344

Ion Ratio Lower Upper

91 100

92 57.5 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 5.625 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV023175.D

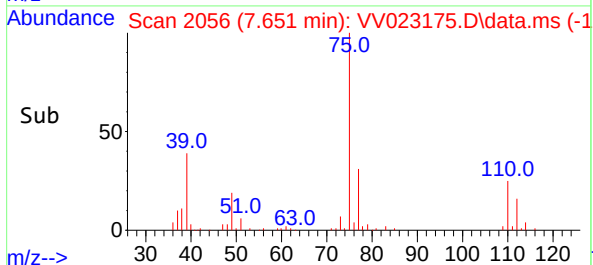
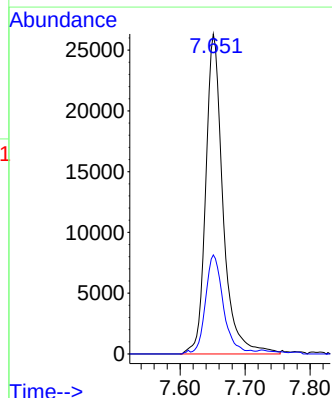
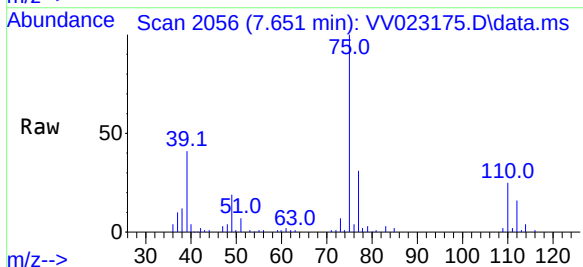
Acq: 03 Nov 2021 10:08

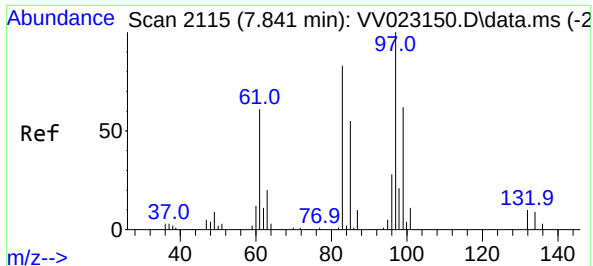
Tgt Ion: 75 Resp: 48786

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 5.147 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 30311

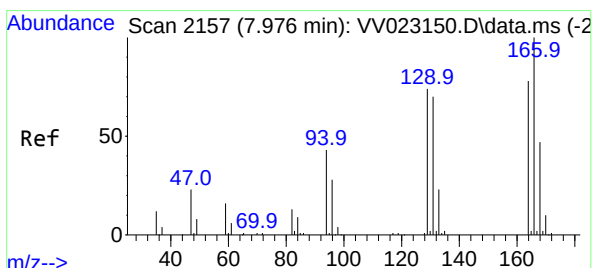
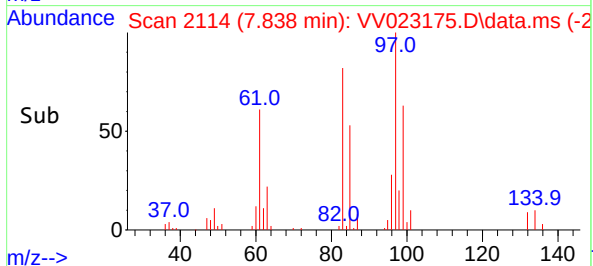
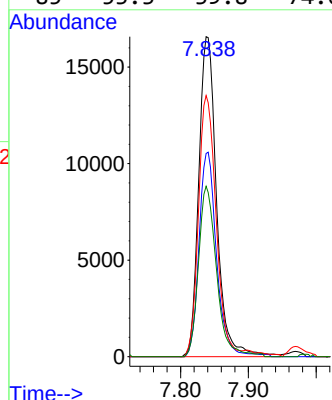
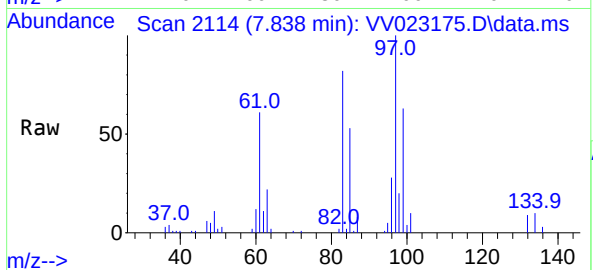
Ion Ratio Lower Upper

97 100

99 63.5 43.6 81.0

83 81.6 58.4 108.4

85 53.3 39.8 74.0



#47

Tetrachloroethene

Concen: 5.375 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Tgt Ion:164 Resp: 38106

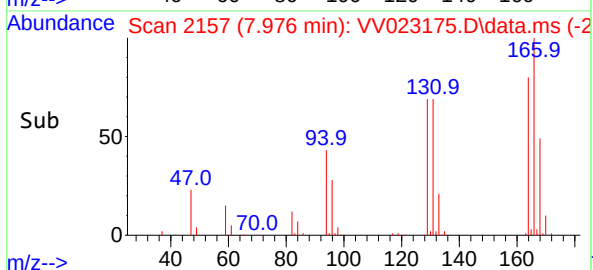
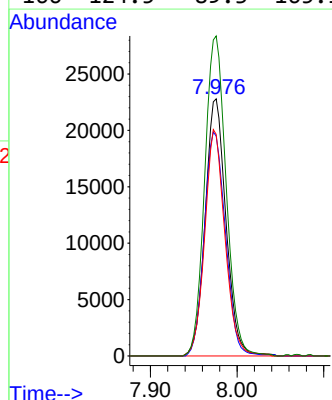
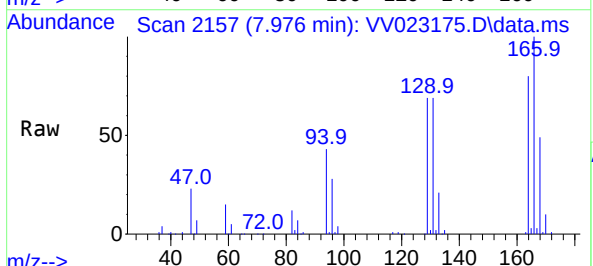
Ion Ratio Lower Upper

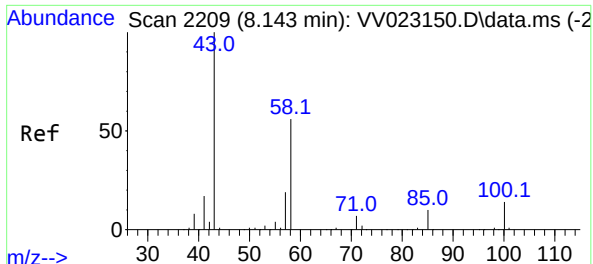
164 100

129 85.5 64.0 119.0

131 86.2 63.4 117.8

166 124.5 89.3 165.9

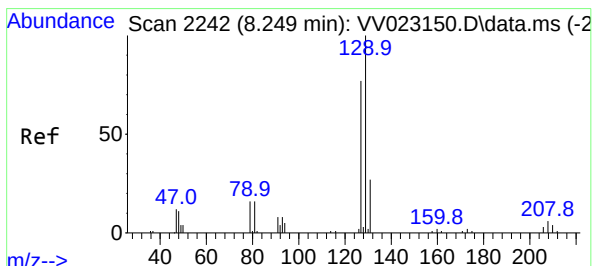
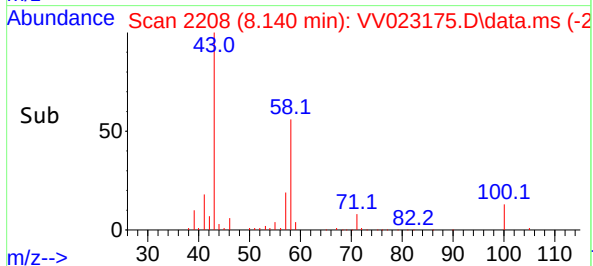
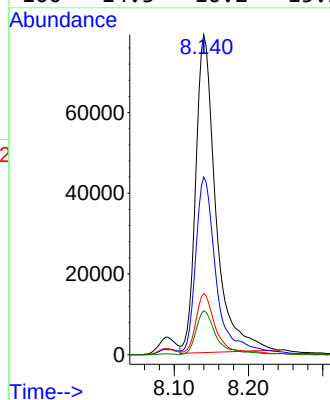
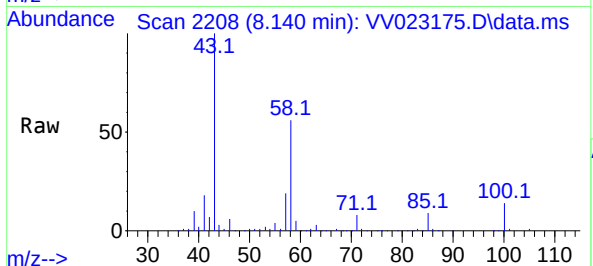




#48
2-Hexanone
Concen: 50.519 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

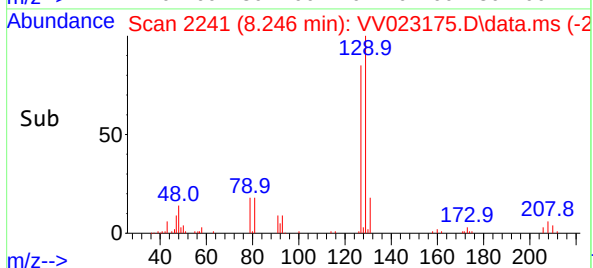
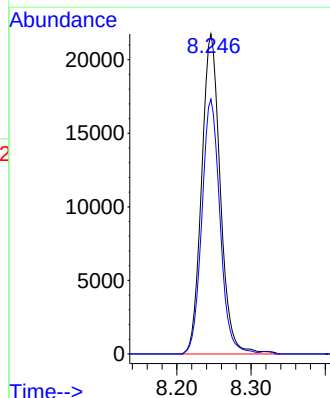
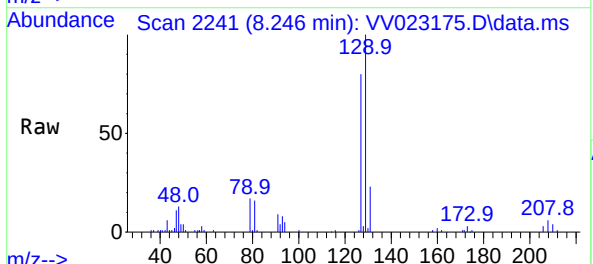
Instrument :
MSVOA_V
ClientSampleId :

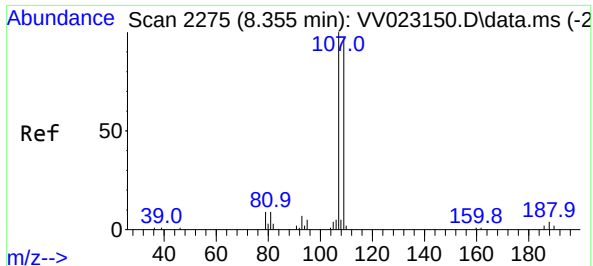
Tgt Ion: 43 Resp: 148631
Ion Ratio Lower Upper
43 100
58 57.4 43.7 65.5
57 17.1 14.1 21.1
100 14.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.416 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 129 Resp: 37956
Ion Ratio Lower Upper
129 100
127 79.6 54.7 101.7





#50

1,2-Dibromoethane

Concen: 5.170 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023175.D

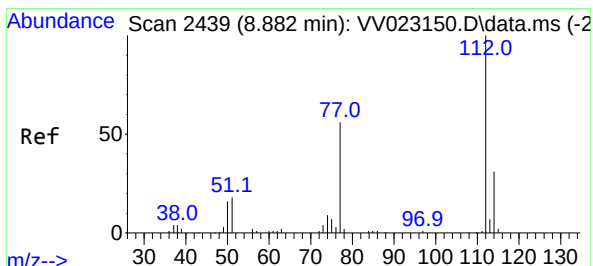
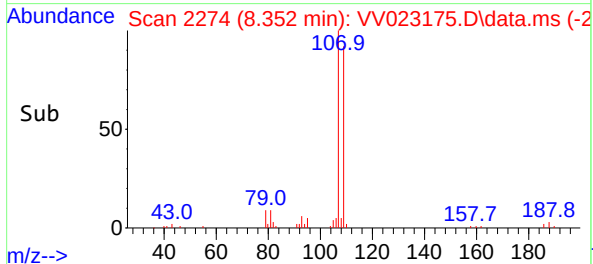
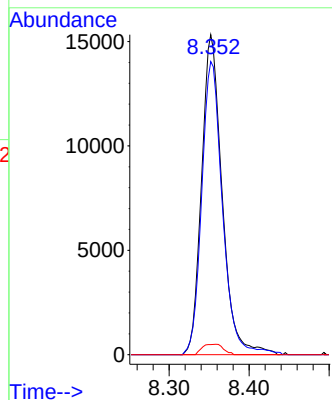
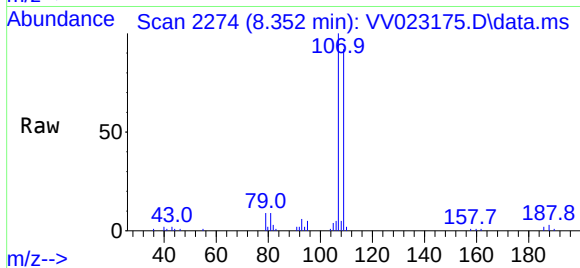
Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	27414
Ion	Ratio	Lower	Upper
107	100		
109	91.6	64.7	120.1
188	3.2	3.6	5.4#



#51

Chlorobenzene

Concen: 5.348 ug/L

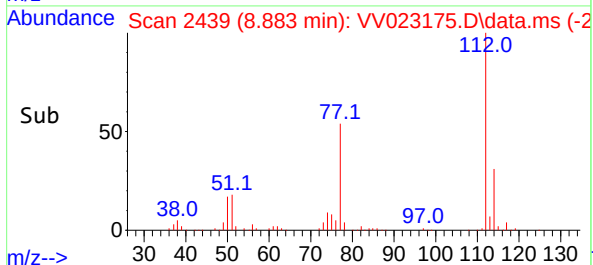
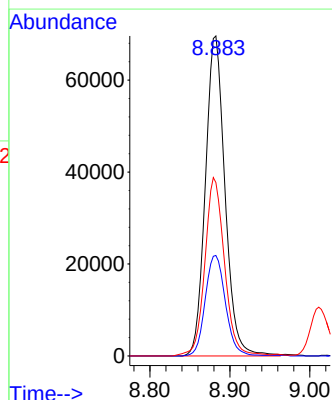
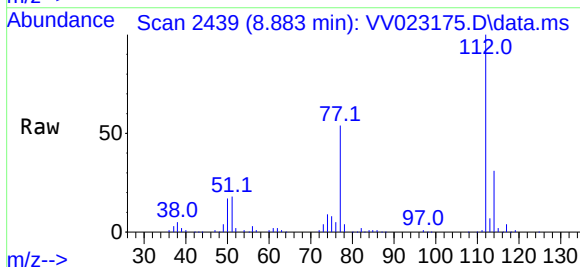
RT: 8.883 min Scan# 2439

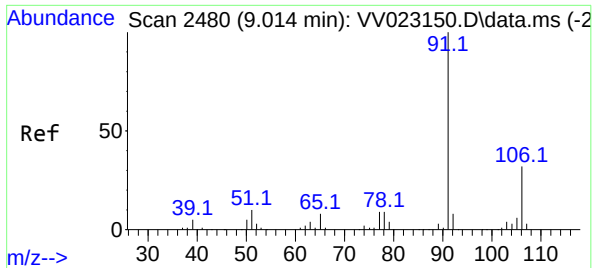
Delta R.T. 0.000 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Tgt Ion:	112	Resp:	118920
Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.0	40.8
77	54.2	44.4	66.6

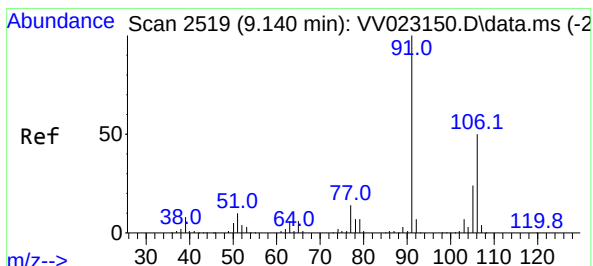
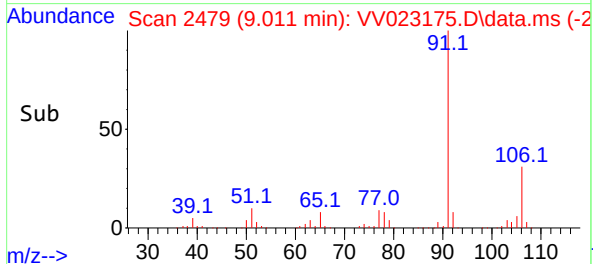
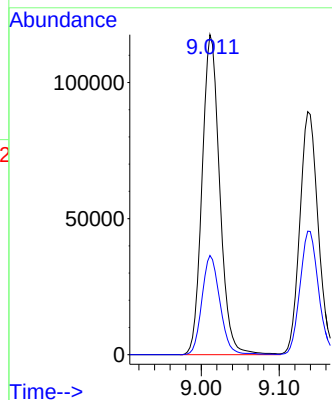
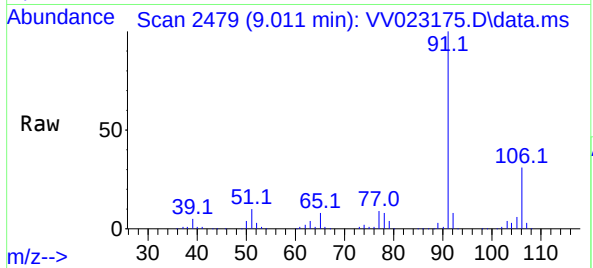




#52
Ethylbenzene
Concen: 5.511 ug/L
RT: 9.011 min Scan# 2480
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

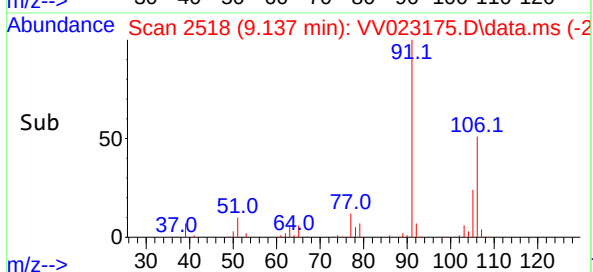
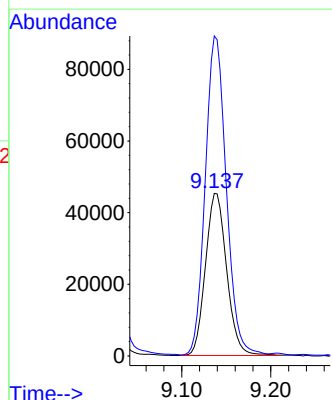
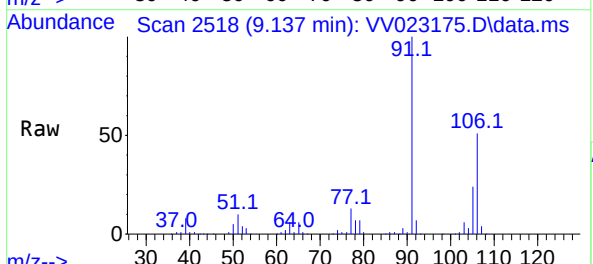
Instrument :
MSVOA_V
ClientSampleId :

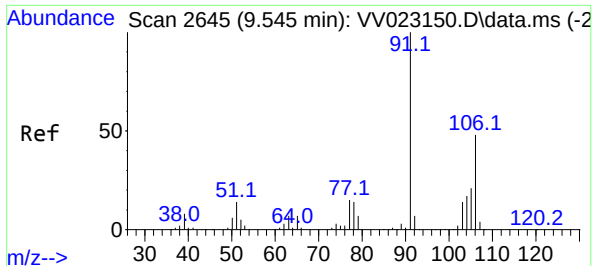
Tgt Ion: 91 Resp: 185148
Ion Ratio Lower Upper
91 100
106 31.0 22.5 41.9



#53
m,p-xylene
Concen: 5.552 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 106 Resp: 74800
Ion Ratio Lower Upper
106 100
91 196.8 137.2 254.8

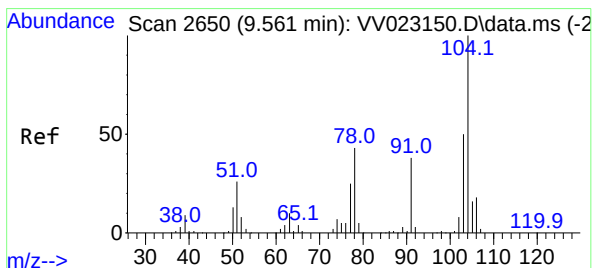
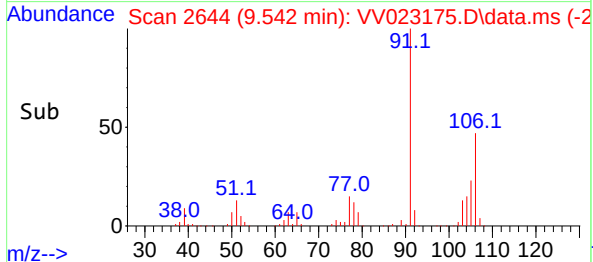
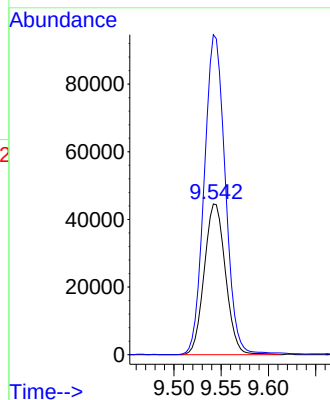
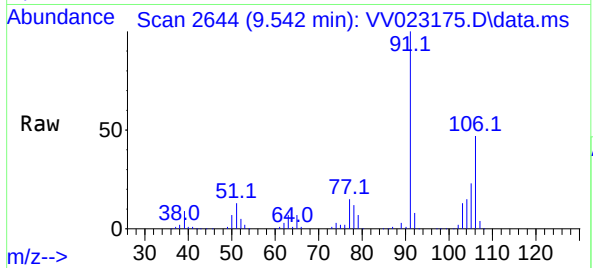




#54
o-xylene
Concen: 5.493 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

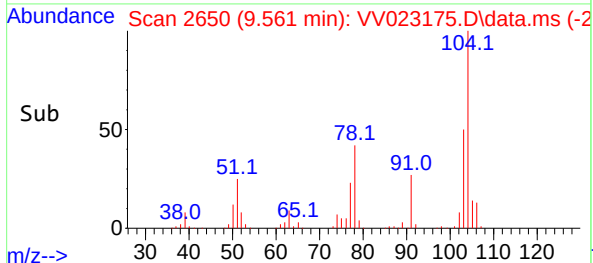
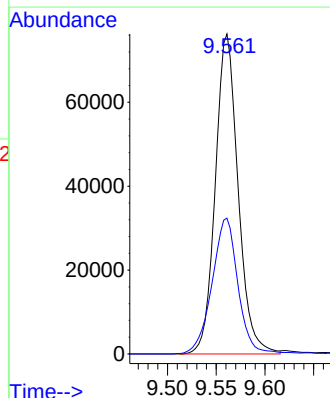
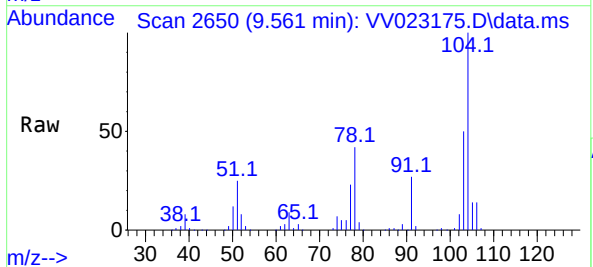
Instrument :
MSVOA_V
ClientSampleId :

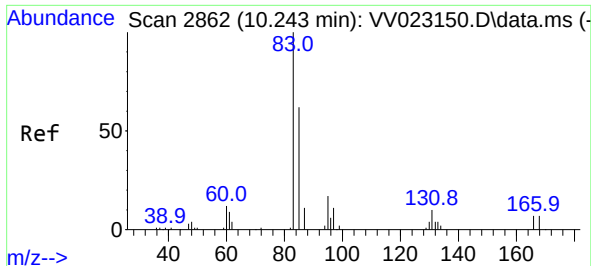
Tgt Ion:106 Resp: 69669
Ion Ratio Lower Upper
106 100
91 212.2 148.3 275.5



#55
Styrene
Concen: 5.667 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion:104 Resp: 124119
Ion Ratio Lower Upper
104 100
78 42.5 29.3 54.3

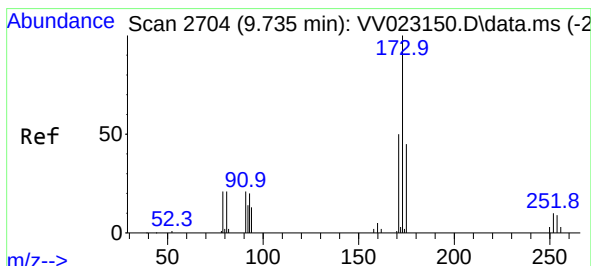
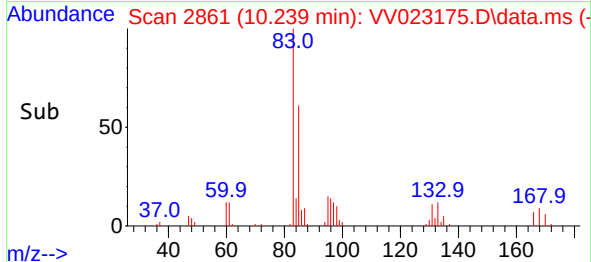
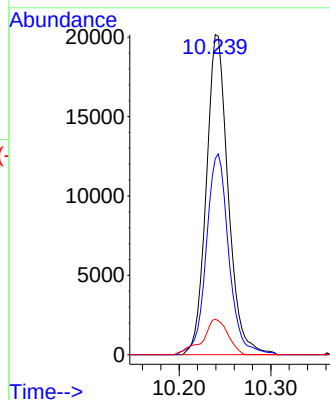
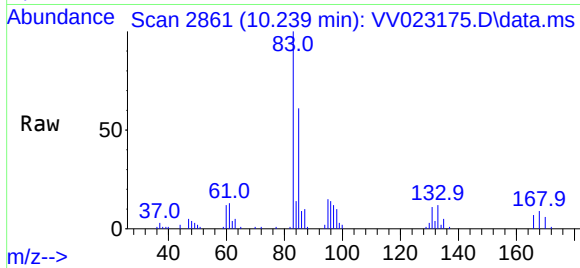




#57
1,1,2,2-Tetrachloroethane
Concen: 5.079 ug/L
RT: 10.239 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

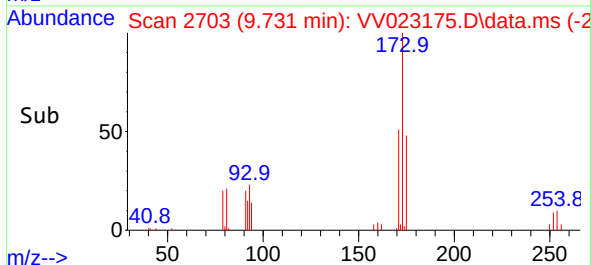
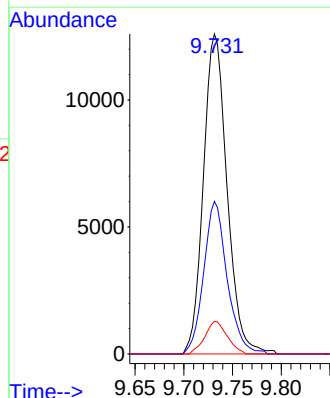
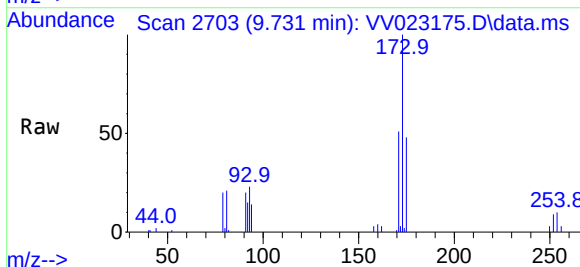
Instrument :
MSVOA_V
ClientSampleId :

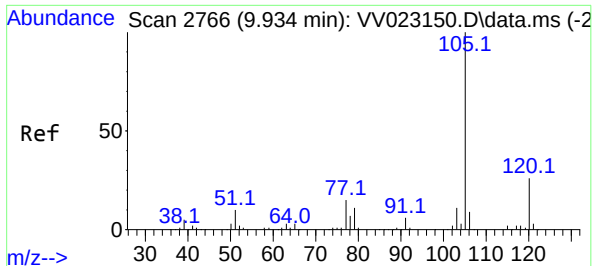
Tgt Ion: 83 Resp: 33438
Ion Ratio Lower Upper
83 100
85 61.3 45.1 83.9
131 11.1 7.8 11.6



#59
Bromoform
Concen: 5.047 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 173 Resp: 21298
Ion Ratio Lower Upper
173 100
175 47.2 38.2 57.2
254 9.6 6.2 9.2#

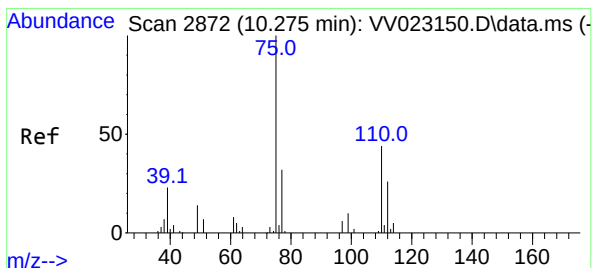
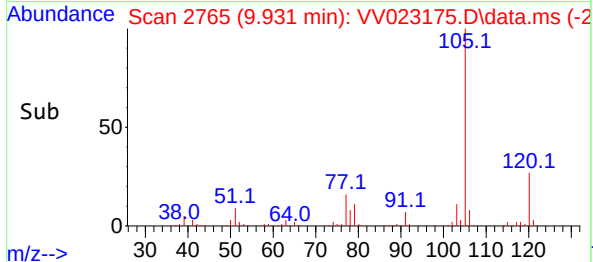
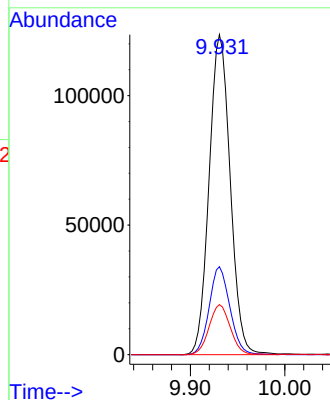
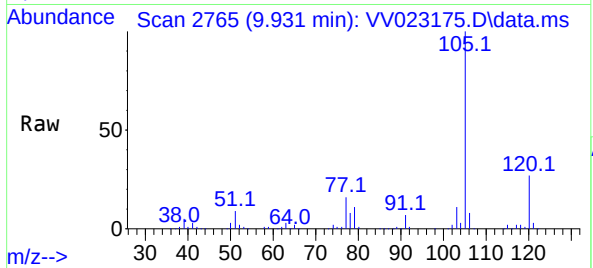




#60
Isopropylbenzene
Concen: 5.227 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

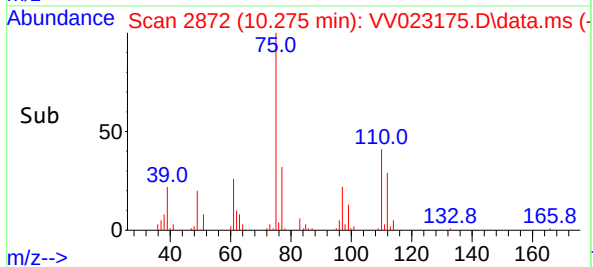
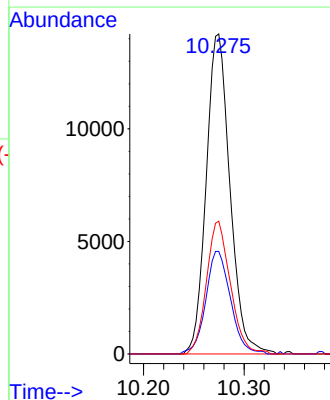
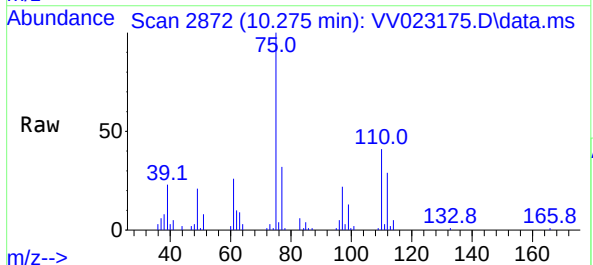
Instrument :
MSVOA_V
ClientSampleId :

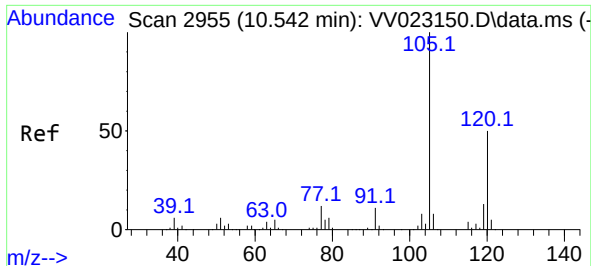
Tgt Ion:105 Resp: 191444
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 15.7 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.575 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion: 75 Resp: 23320
Ion Ratio Lower Upper
75 100
77 33.4 26.6 39.8
110 41.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 5.153 ug/L

RT: 10.538 min Scan# 2955

Delta R.T. -0.003 min

Lab File: VV023175.D

Acq: 03 Nov 2021 10:08

Instrument :

MSVOA_V

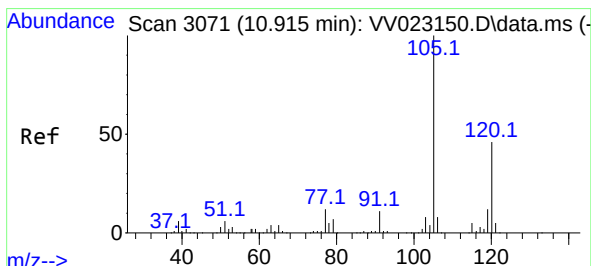
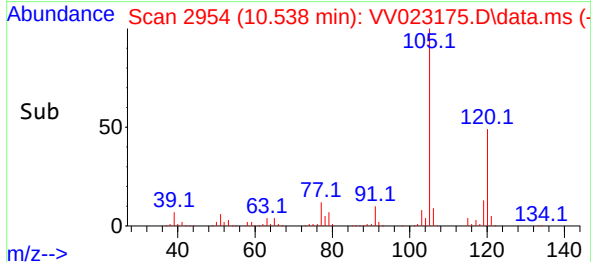
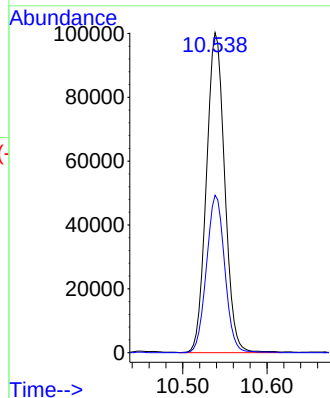
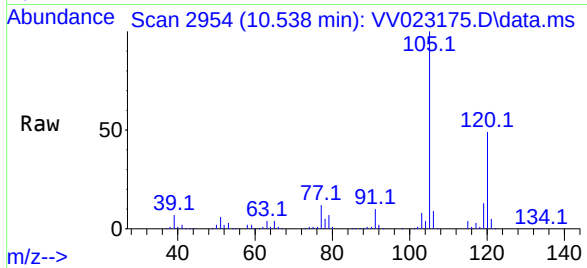
ClientSampleId :

Tgt Ion:105 Resp: 151585

Ion Ratio Lower Upper

105 100

120 49.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.285 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023175.D

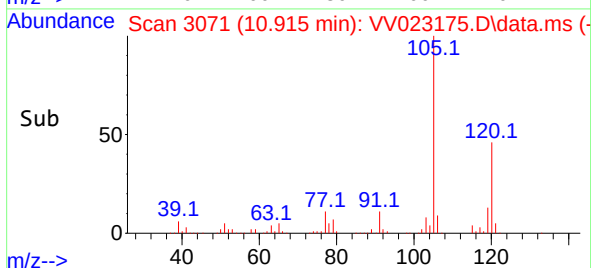
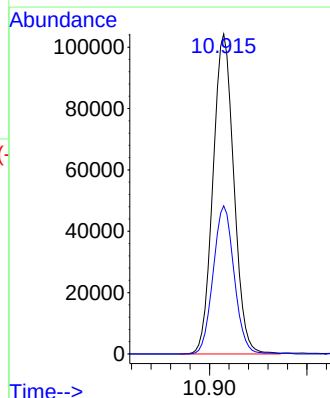
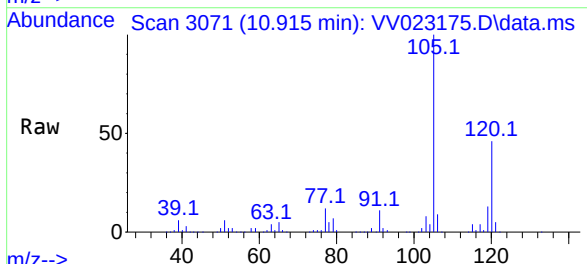
Acq: 03 Nov 2021 10:08

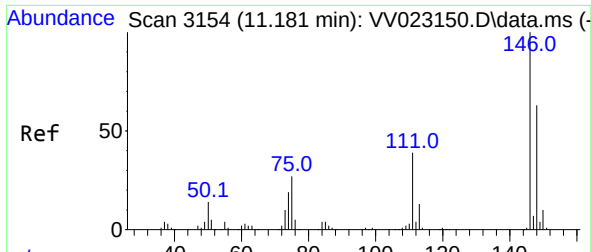
Tgt Ion:105 Resp: 155162

Ion Ratio Lower Upper

105 100

120 46.5 37.4 56.2

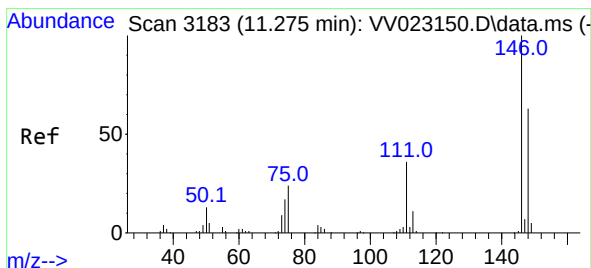
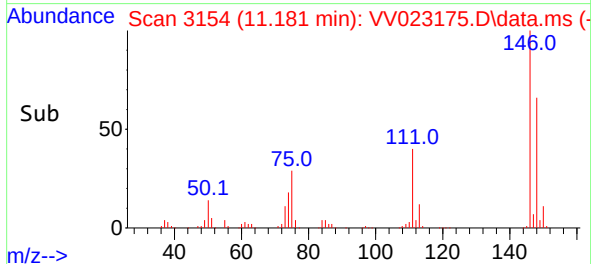
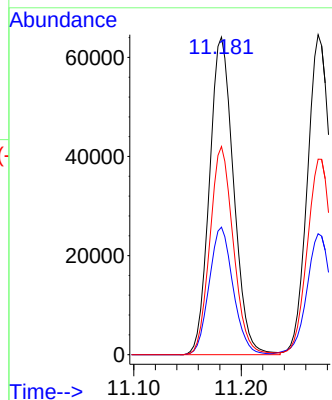
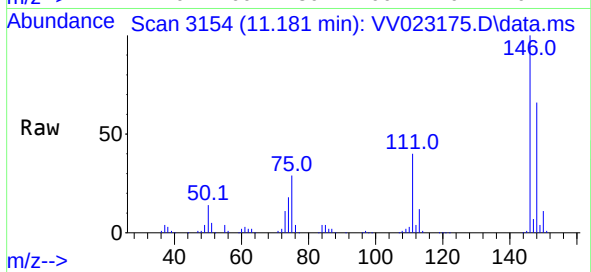




#64
1,3-Dichlorobenzene
Concen: 5.176 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

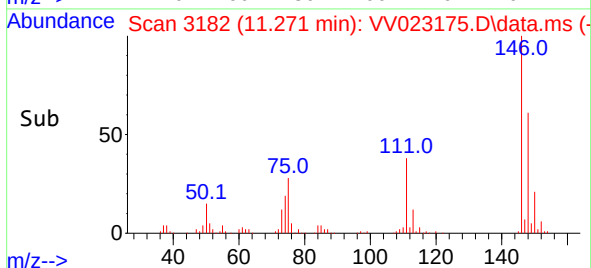
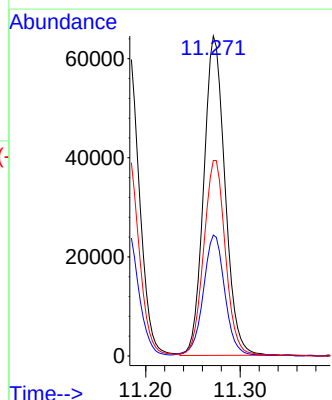
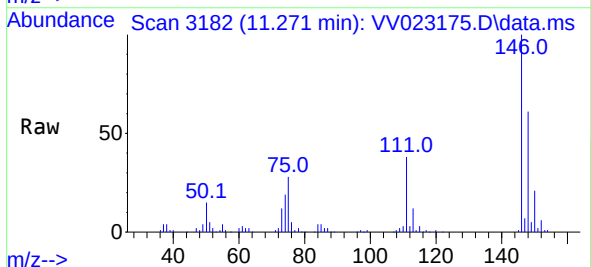
Instrument :
MSVOA_V
ClientSampleId :

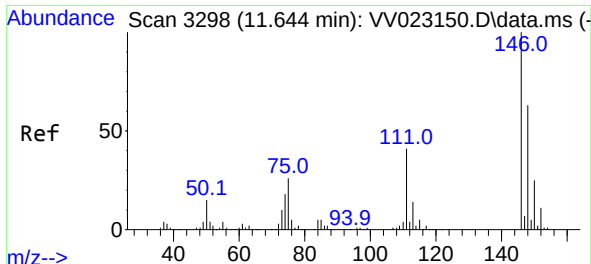
Tgt Ion:146 Resp: 99751
Ion Ratio Lower Upper
146 100
111 40.2 26.7 49.7
148 65.5 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 5.140 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

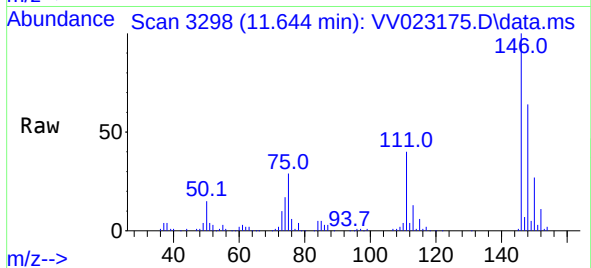
Tgt Ion:146 Resp: 100625
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.8
148 61.1 44.4 82.5



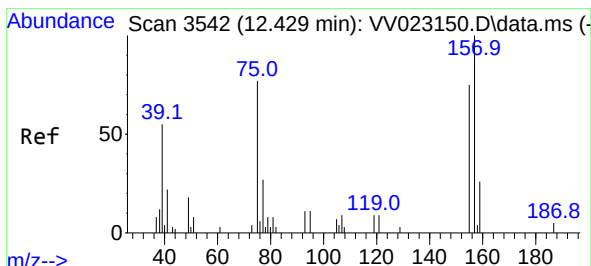
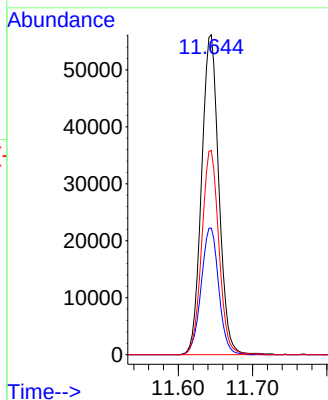
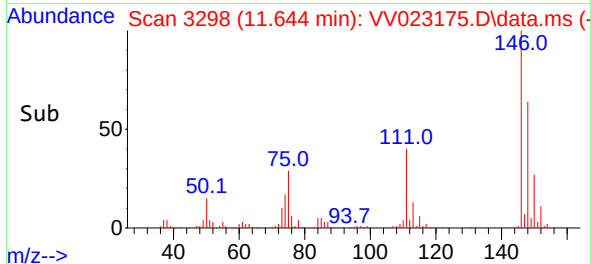


#67
1,2-Dichlorobenzene
Concen: 5.052 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

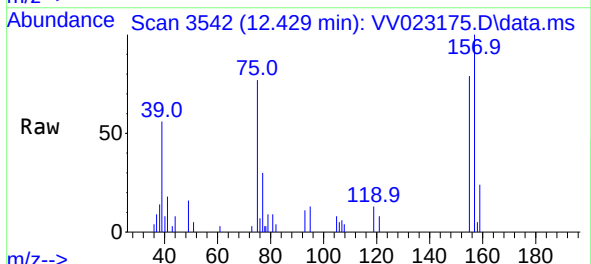
Instrument :
MSVOA_V
ClientSampleId :



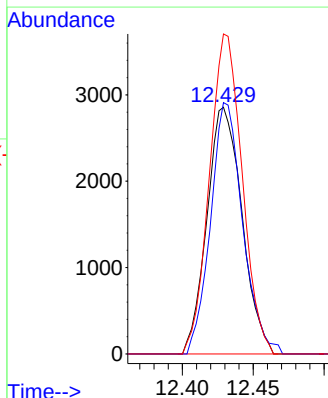
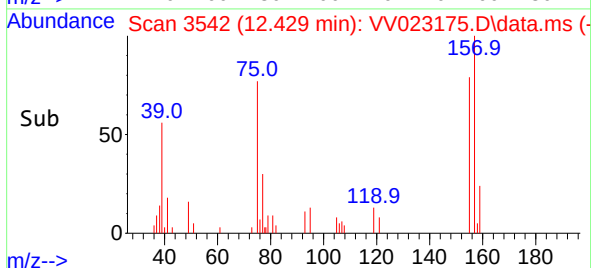
Tgt Ion:146 Resp: 90628
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 63.8 51.0 76.6

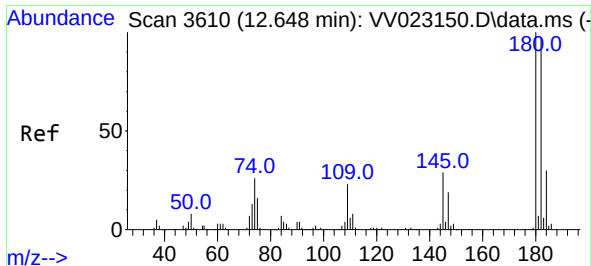


#68
1,2-Dibromo-3-chloropropane
Concen: 4.880 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08



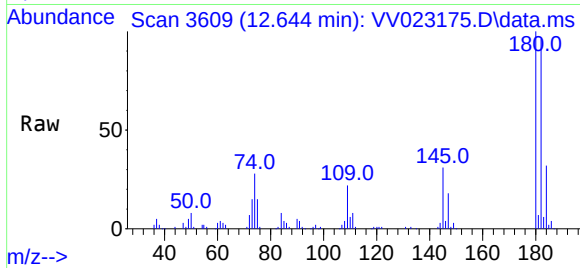
Tgt Ion: 75 Resp: 4908
Ion Ratio Lower Upper
75 100
155 101.9 67.7 101.5#
157 129.7 87.9 131.9



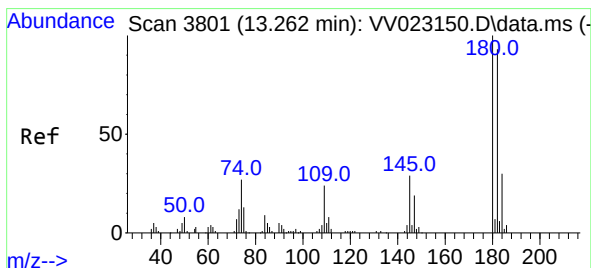
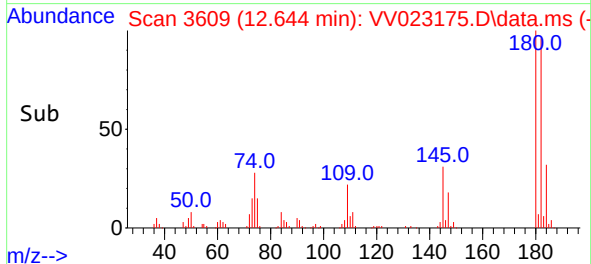
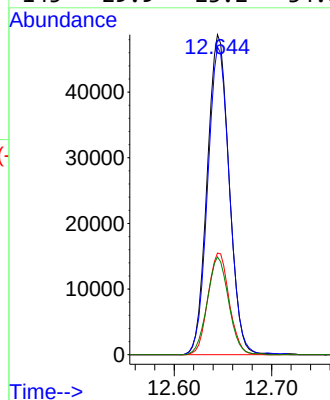


#69
1,3,5-Trichlorobenzene
Concen: 5.173 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :

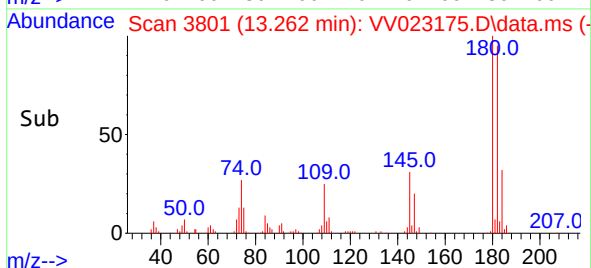
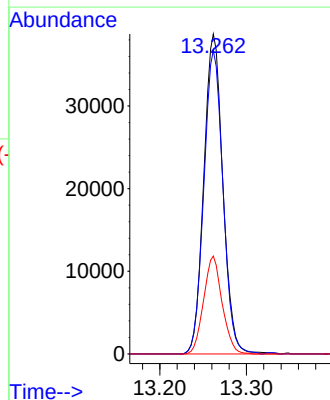
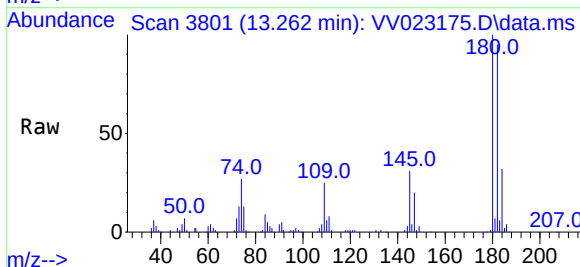


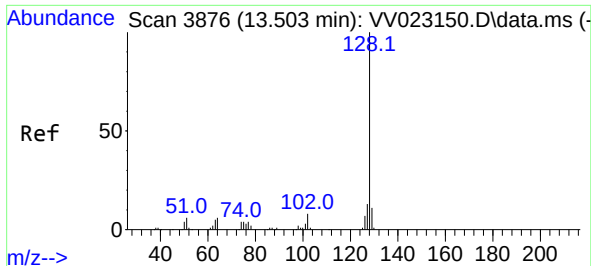
Tgt Ion:180 Resp: 75924
Ion Ratio Lower Upper
180 100
182 95.6 74.9 112.3
184 30.9 23.8 35.8
145 29.9 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 5.364 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion:180 Resp: 58913
Ion Ratio Lower Upper
180 100
182 95.5 76.9 115.3
145 29.8 24.4 36.6

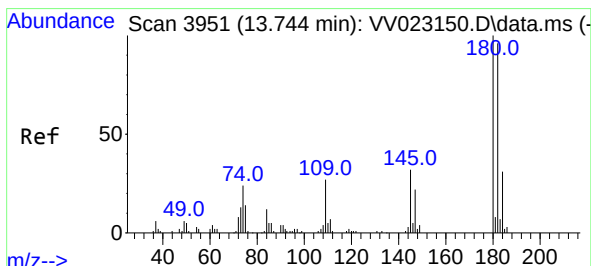
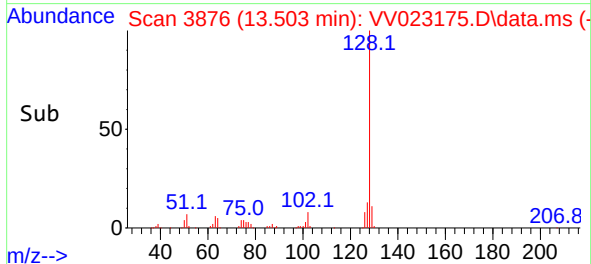
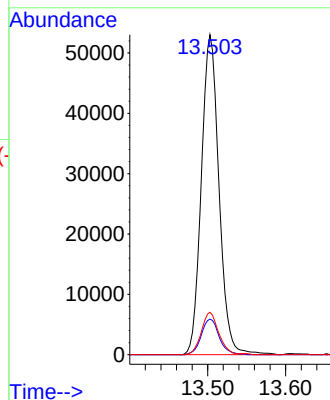
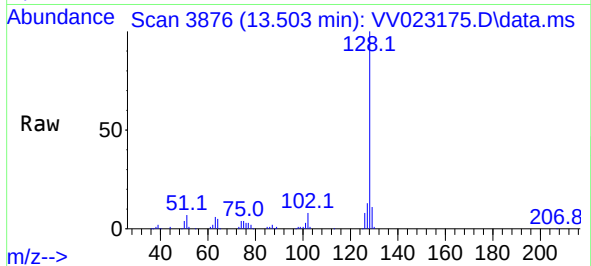




#71
Naphthalene
Concen: 4.989 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	83298
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.0	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.238 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023175.D
Acq: 03 Nov 2021 10:08

Tgt Ion:	180	Resp:	53401
Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.7	115.1
145	31.2	25.7	38.5

