

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023478.D
 Acq On : 15 Nov 2021 13:31
 Operator : SY/MD
 Sample : M4616-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG1Y6

Quant Time: Nov 16 00:31:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 00:29:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119032	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53947	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	46491	6.235	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 124.600%		
7) Chloroethane-d5	1.568	69	35115	5.778	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 115.600%		
11) 1,1-Dichloroethene-d2	2.111	63	61263	4.389	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 87.800%		
20) 2-Butanone-d5	3.892	46	73860	57.492	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.980%		
24) Chloroform-d	4.349	84	81305	5.116	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
26) 1,2-Dichloroethane-d4	5.034	65	39176	5.482	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.600%		
32) Benzene-d6	5.053	84	161136	5.156	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.200%		
36) 1,2-Dichloropropane-d6	6.069	67	47718	5.187	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.800%		
41) Toluene-d8	7.317	98	140884	4.810	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.200%		
43) trans-1,3-Dichloroprop...	7.625	79	16897	4.844	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.800%		
46) 2-Hexanone-d5	8.091	63	49433	38.513	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 77.020%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27315	4.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 82.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	50544	5.627	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.600%		
Target Compounds						
						Qvalue
3) Chloromethane	1.243	50	918	0.093	ug/L	97
8) Chloroethane	1.307	64	745	0.131	ug/L #	1
12) 1,1-Dichloroethene	2.117	96	927	0.131	ug/L #	1
13) Acetone	2.175	43	1303	1.660	ug/L	95
17) Methyl tert-butyl Ether	2.767	73	1405	0.090	ug/L #	90
22) cis-1,2-Dichloroethene	3.915	96	28316	3.372	ug/L #	92
27) 1,2-Dichloroethane	5.047	62	1031	0.123	ug/L #	72
34) Trichloroethene	5.915	95	245890	27.159	ug/L	98
35) Methylcyclohexane	6.069	83	12553	0.878	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	5743	0.723	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1283	0.112	ug/L #	36
42) Toluene	7.400	91	2569	0.071	ug/L	85
45) 1,1,2-Trichloroethane	7.976	97	2126	0.372	ug/L #	1
47) Tetrachloroethene	7.976	164	267549	34.098	ug/L	99
48) 2-Hexanone	8.143	43	7391	2.861	ug/L #	81
49) Dibromochloromethane	7.976	129	238983	33.027	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	5540	1.546	ug/L #	66

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 00:29:25 2021
Response via : Initial Calibration

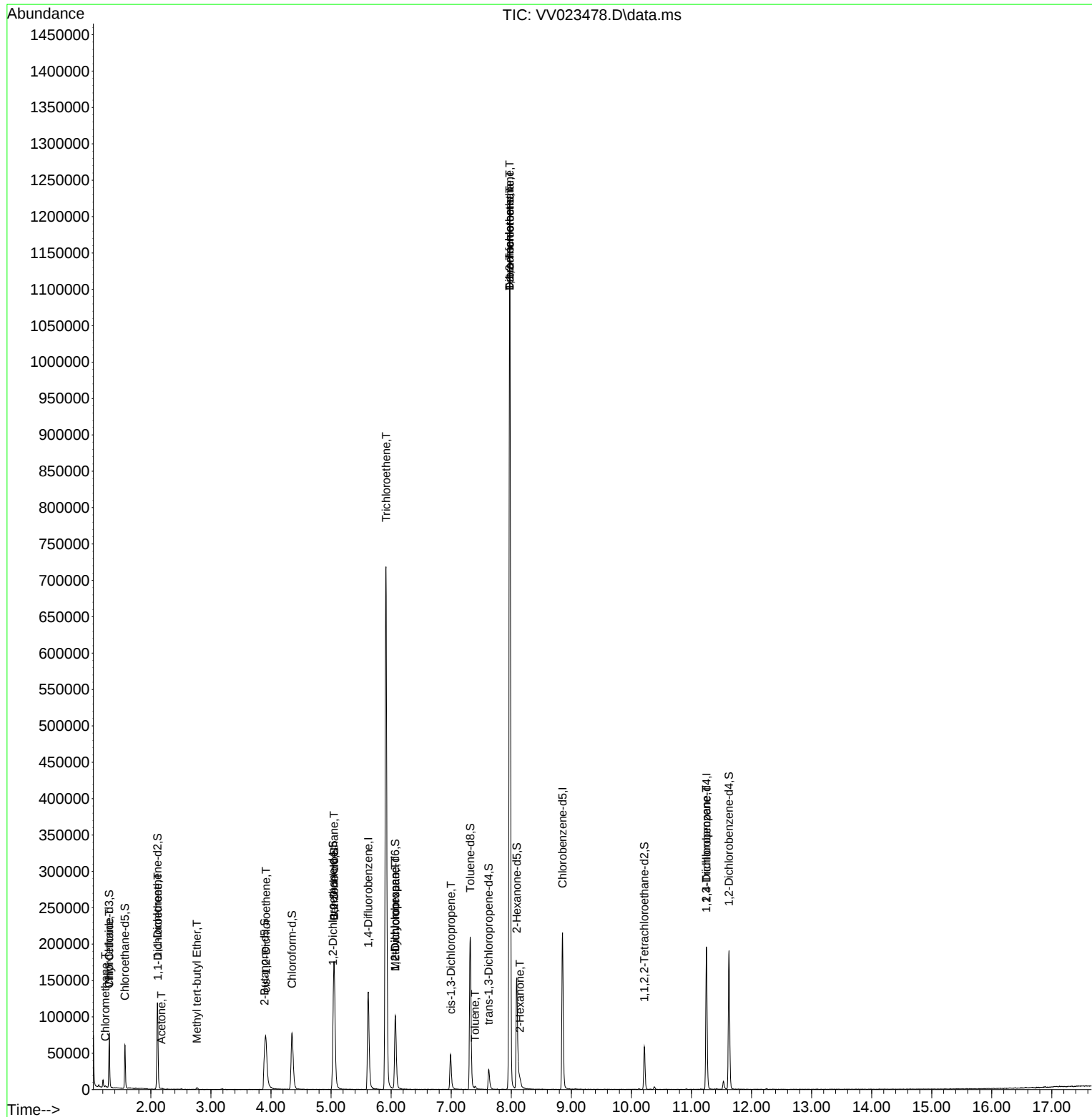
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

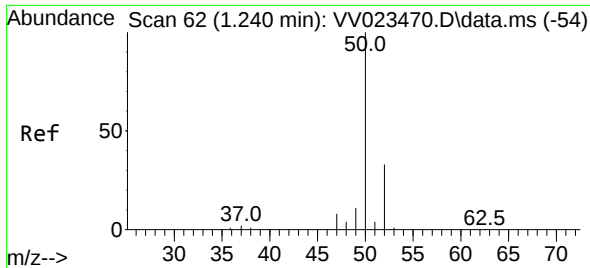
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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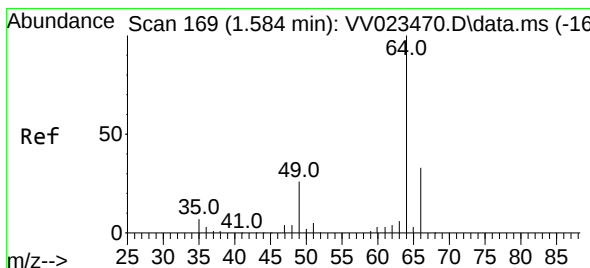
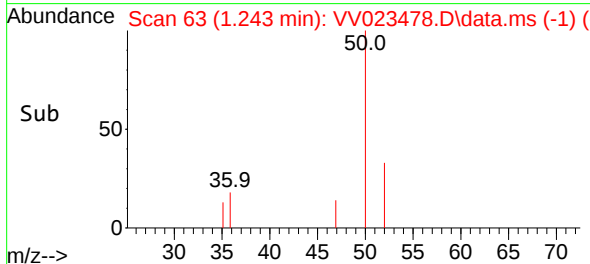
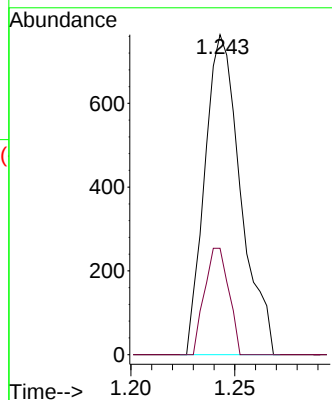
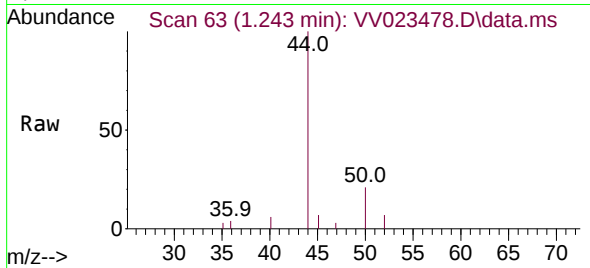




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

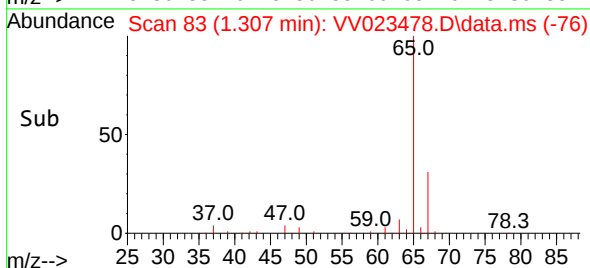
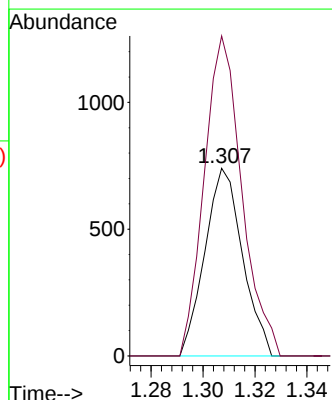
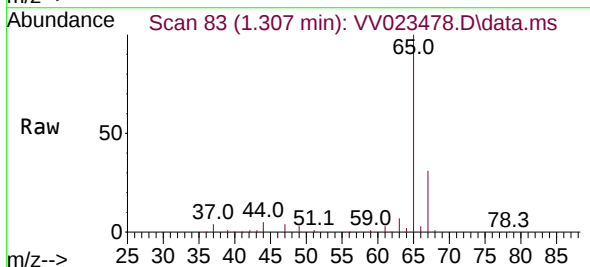
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

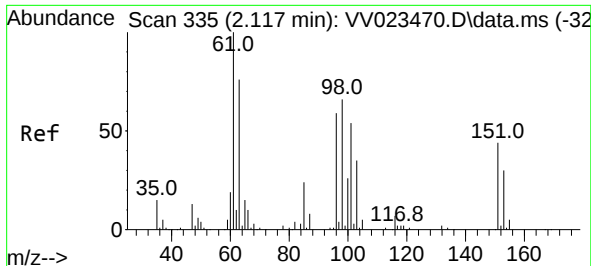
Tgt Ion: 50 Resp: 918
Ion Ratio Lower Upper
50 100
52 33.2 24.3 45.1



#8
Chloroethane
Concen: 0.131 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.276 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

Tgt Ion: 64 Resp: 745
Ion Ratio Lower Upper
64 100
66 170.5 22.1 41.1#





#12

1,1-Dichloroethene

Concen: 0.131 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6

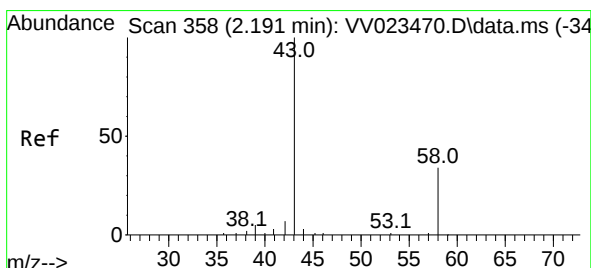
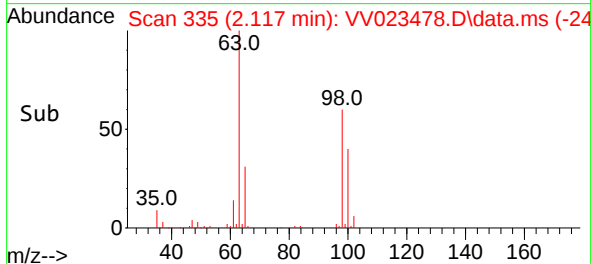
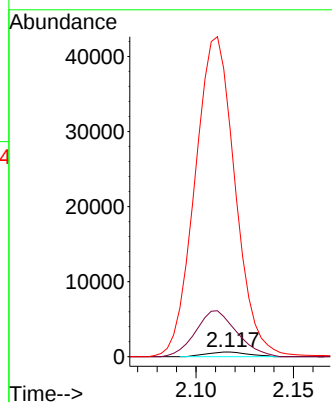
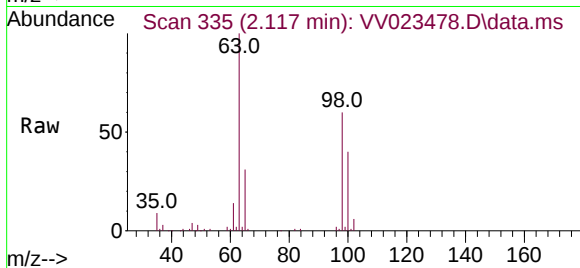
Tgt Ion: 96 Resp: 927

Ion Ratio Lower Upper

96 100

61 688.7 121.5 225.7#

63 4826.8 99.6 185.0#



#13

Acetone

Concen: 1.660 ug/L

RT: 2.175 min Scan# 353

Delta R.T. -0.016 min

Lab File: VV023478.D

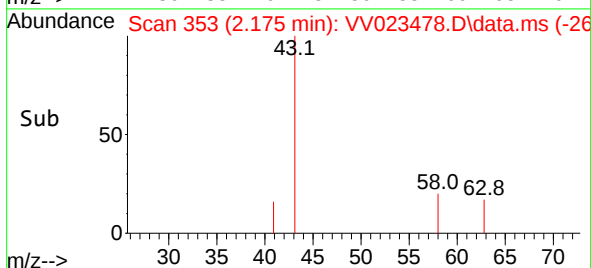
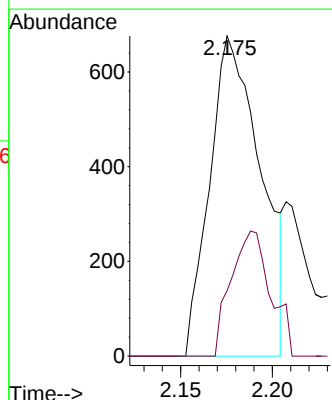
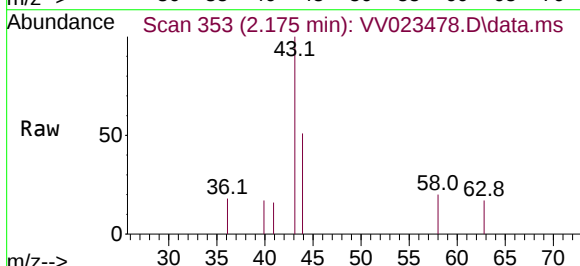
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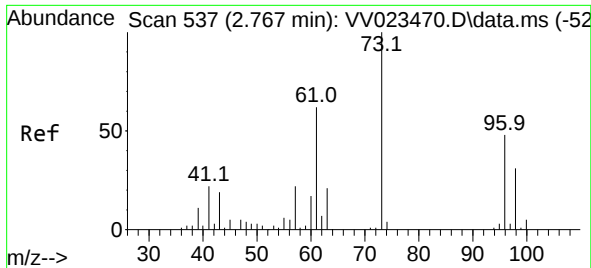
Tgt Ion: 43 Resp: 1303

Ion Ratio Lower Upper

43 100

58 30.4 0.0 55.4

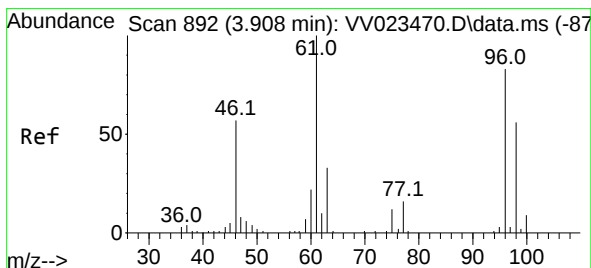
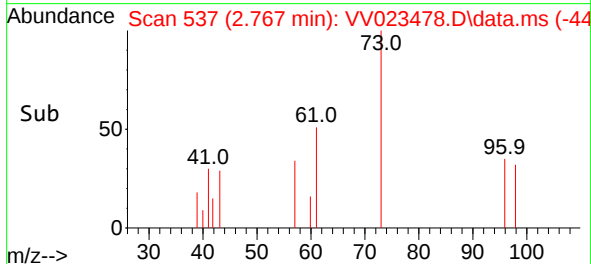
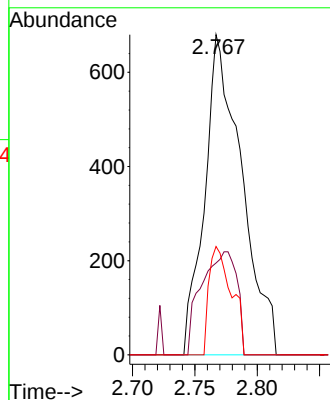
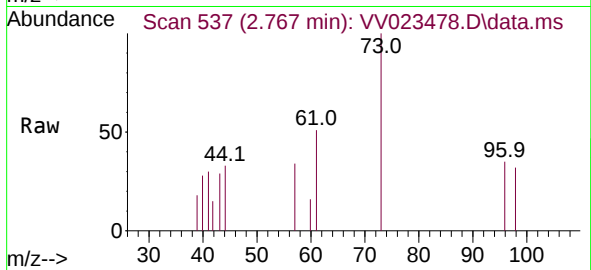




#17
Methyl tert-butyl Ether
Concen: 0.090 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

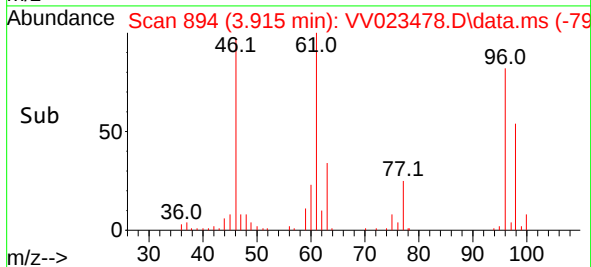
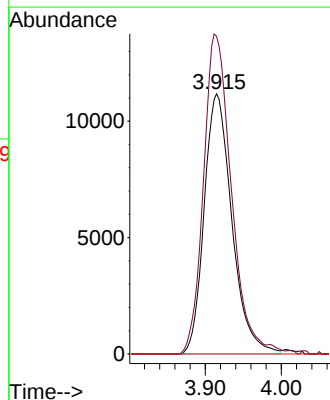
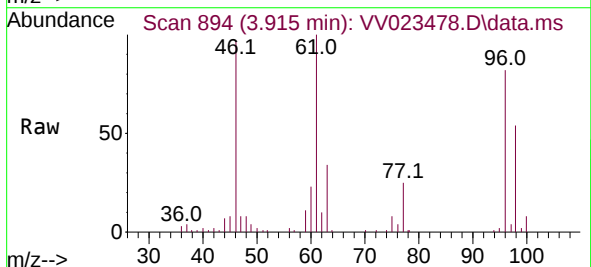
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

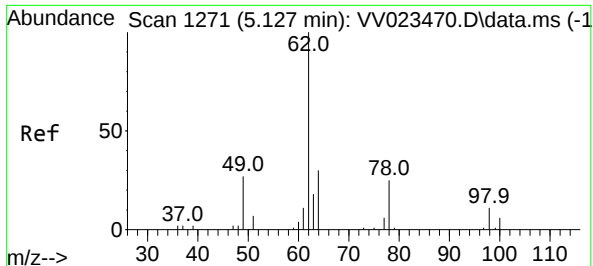
Tgt Ion: 73 Resp: 1405
Ion Ratio Lower Upper
73 100
43 30.8 17.4 26.0#
57 20.5 16.5 24.7



#22
cis-1,2-Dichloroethene
Concen: 3.372 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

Tgt Ion: 96 Resp: 28316
Ion Ratio Lower Upper
96 100
61 122.0 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Instrument :

MSVOA_V

ClientSampleId :

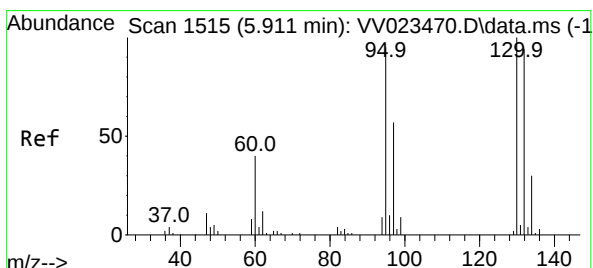
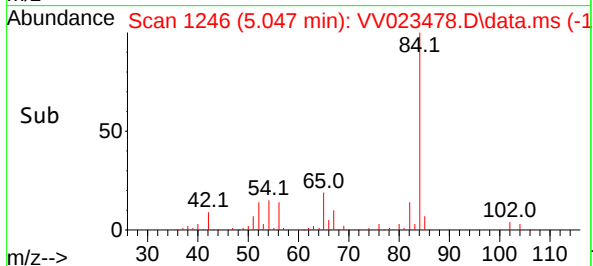
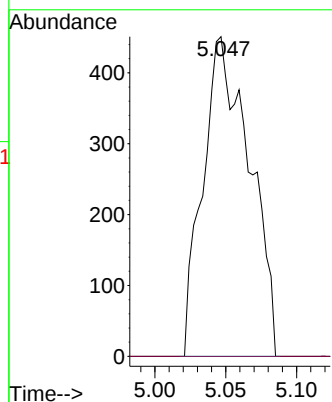
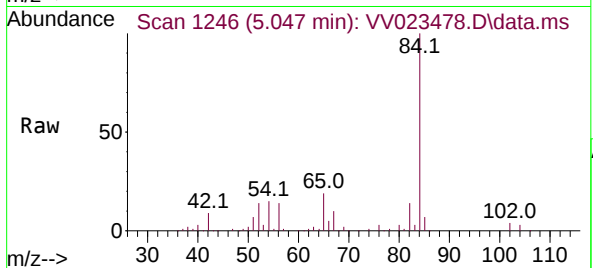
BG1Y6

Tgt Ion: 62 Resp: 1031

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 27.159 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Tgt Ion: 95 Resp: 245890

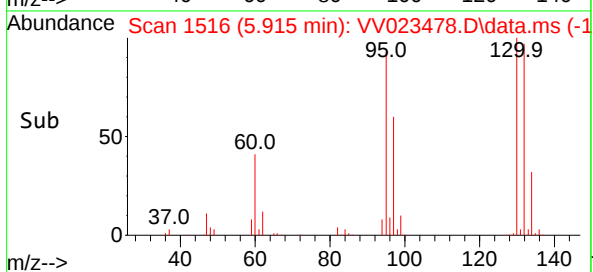
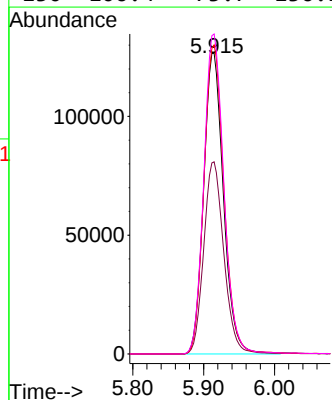
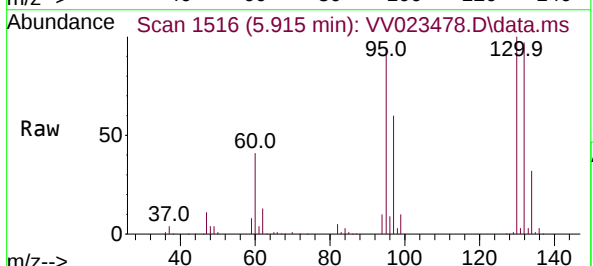
Ion Ratio Lower Upper

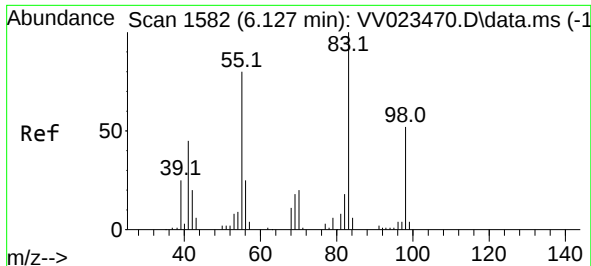
95 100

97 63.9 45.0 83.6

132 102.7 69.7 129.4

130 106.4 73.7 136.9

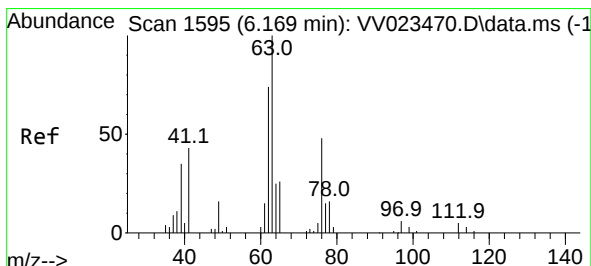
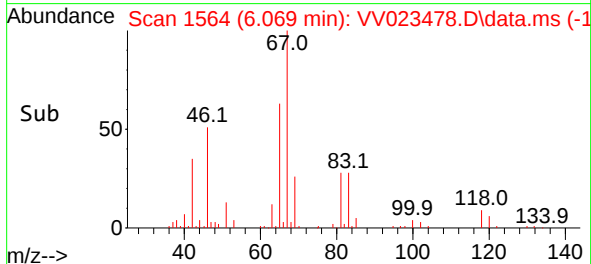
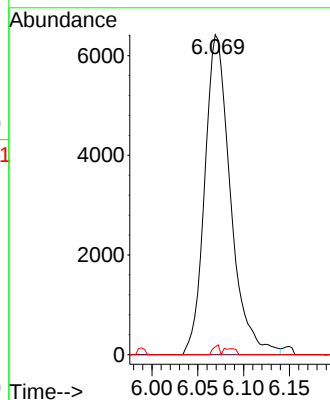
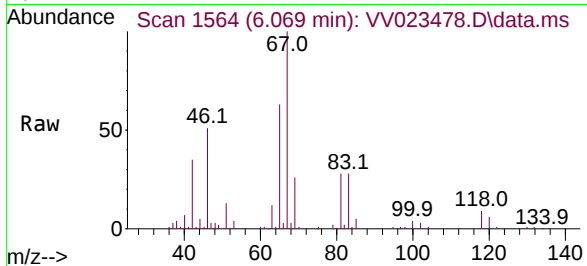




#35
Methylcyclohexane
Concen: 0.878 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

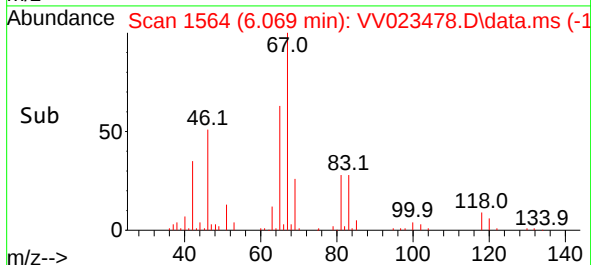
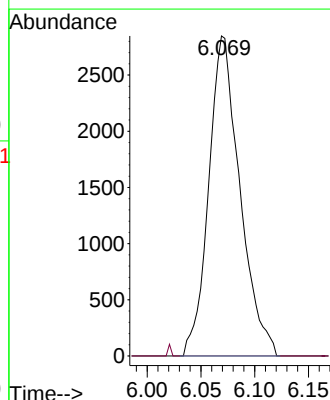
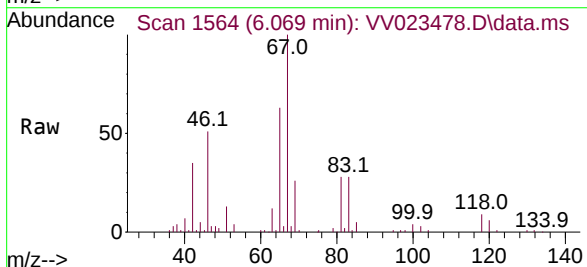
Instrument :
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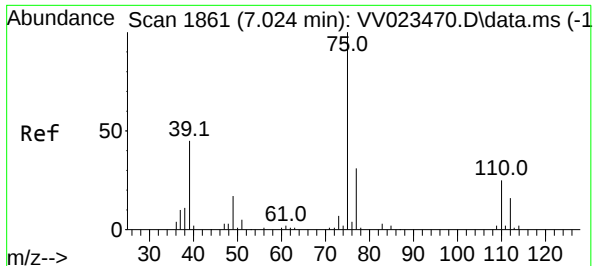
Tgt Ion: 83 Resp: 12553
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 0.0 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

Tgt Ion: 63 Resp: 5743
Ion Ratio Lower Upper
63 100
112 0.3 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.029 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Instrument :

MSVOA_V

ClientSampleId :

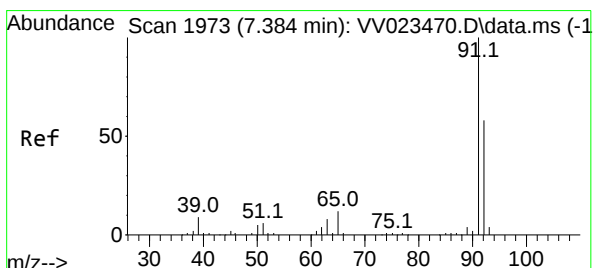
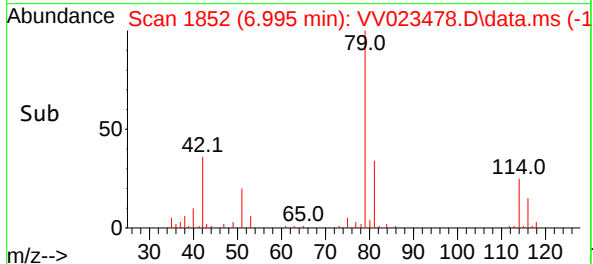
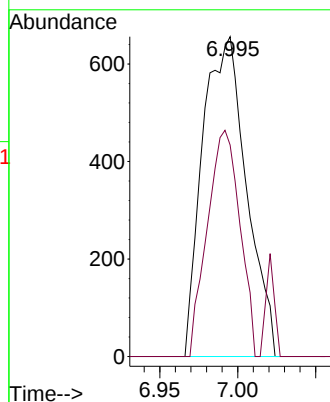
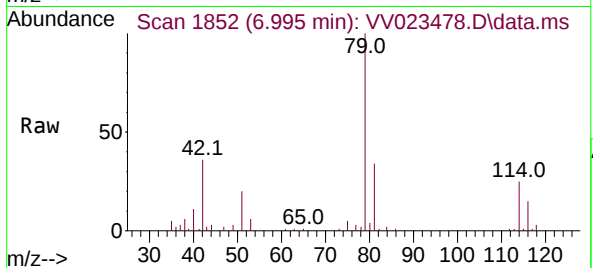
BG1Y6

Tgt Ion: 75 Resp: 1283

Ion Ratio Lower Upper

75 100

77 66.2 21.6 40.2#



#42

Toluene

Concen: 0.071 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023478.D

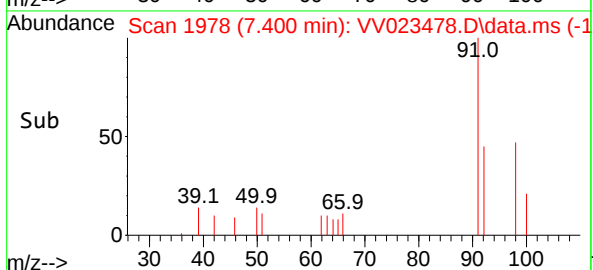
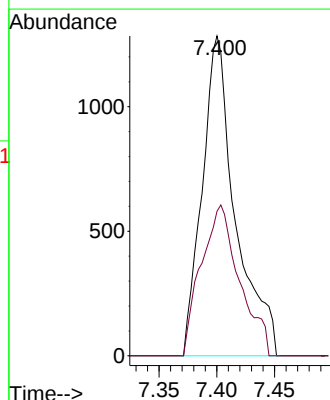
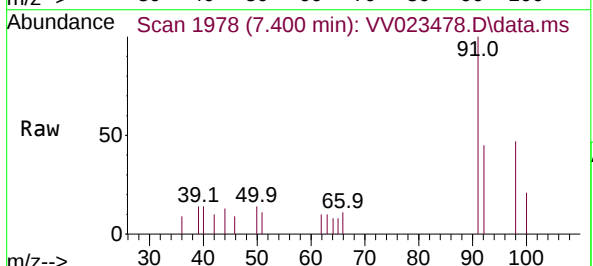
Acq: 15 Nov 2021 13:31

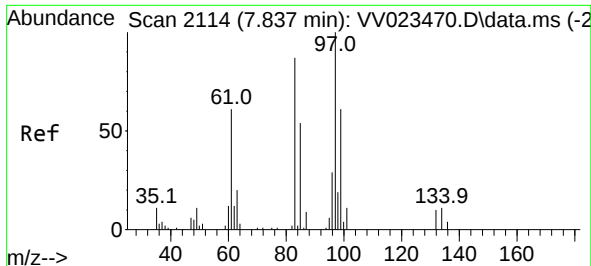
Tgt Ion: 91 Resp: 2569

Ion Ratio Lower Upper

91 100

92 45.2 39.3 72.9





#45

1,1,2-Trichloroethane

Concen: 0.372 ug/L

RT: 7.976 min Scan# 2114

Delta R.T. 0.138 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6

Tgt Ion: 97 Resp: 2126

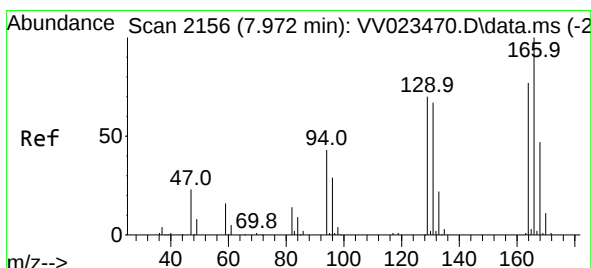
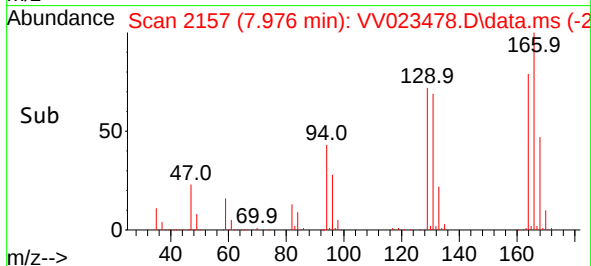
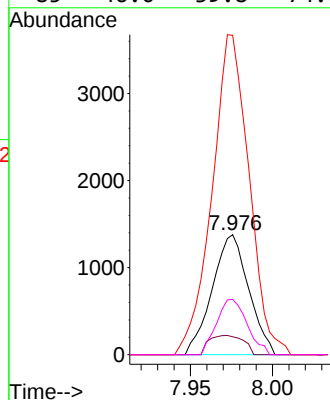
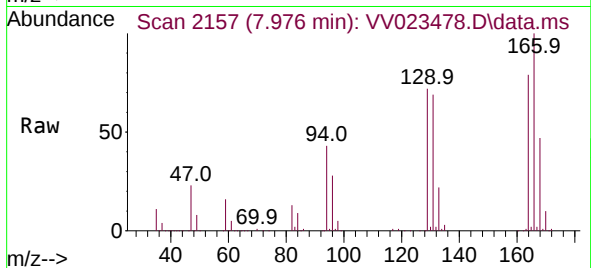
Ion Ratio Lower Upper

97 100

99 14.9 43.6 81.0#

83 266.0 58.4 108.4#

85 46.0 39.8 74.0



#47

Tetrachloroethene

Concen: 34.098 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023478.D

Acq: 15 Nov 2021 13:31

Tgt Ion:164 Resp: 267549

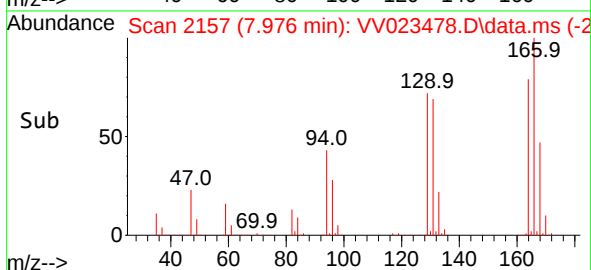
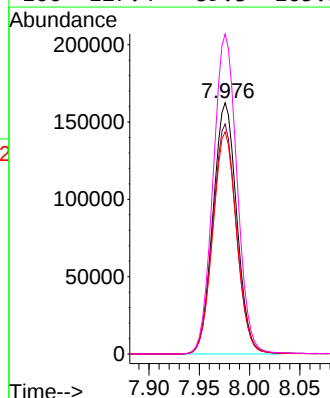
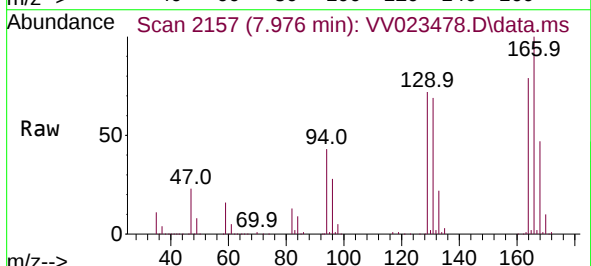
Ion Ratio Lower Upper

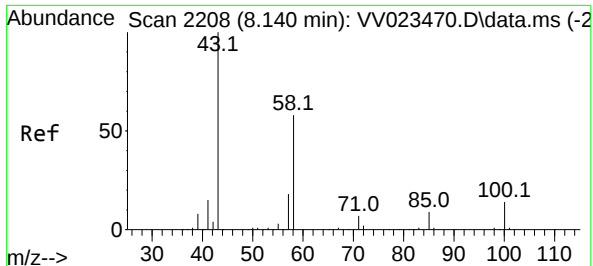
164 100

129 91.5 64.0 119.0

131 88.4 63.4 117.8

166 127.4 89.3 165.9

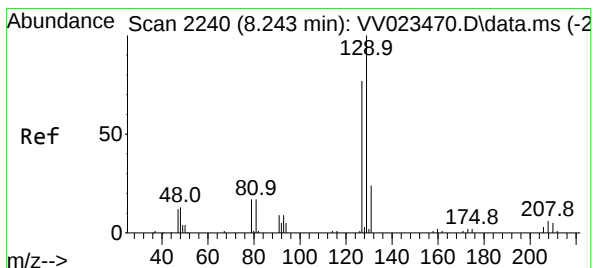
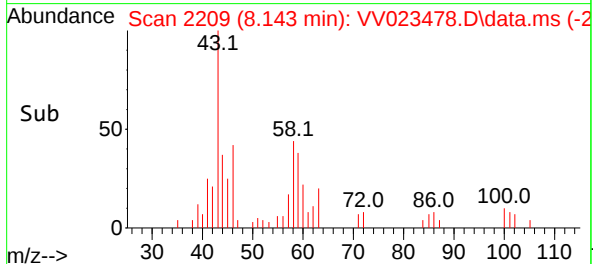
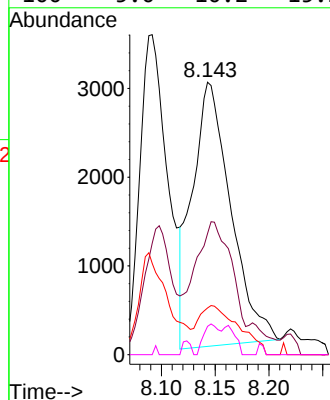
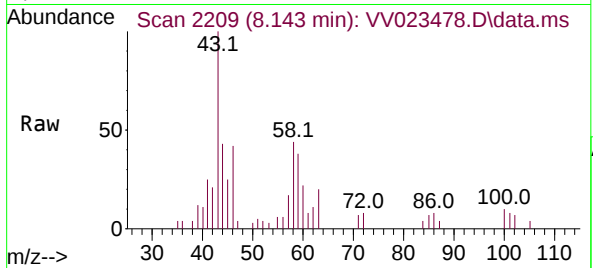




#48
2-Hexanone
Concen: 2.861 ug/L
RT: 8.143 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

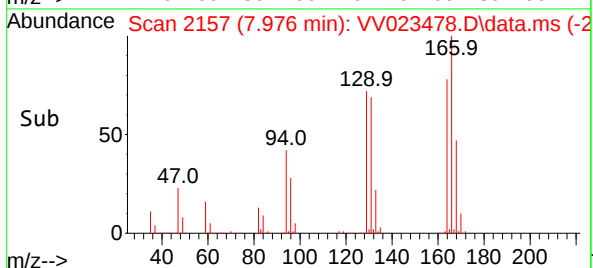
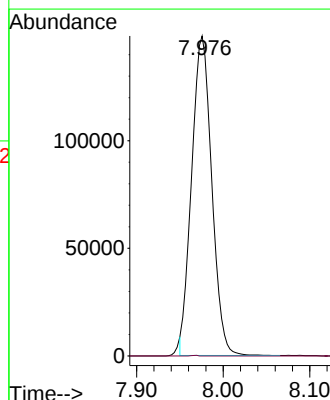
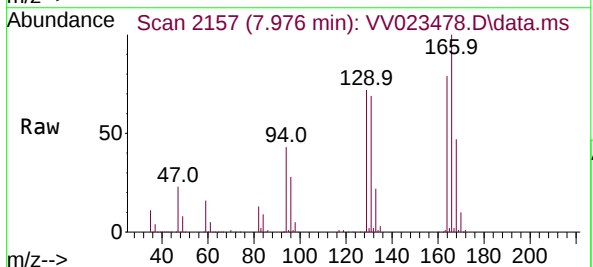
Instrument :
MSVOA_V
ClientSampleId :
BG1Y6

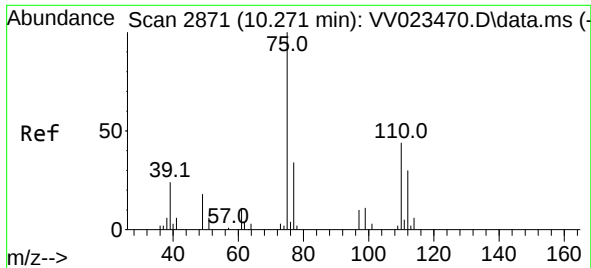
Tgt Ion: 43	Resp: 7391
Ion Ratio	Lower Upper
43 100	
58 37.6	43.7 65.5#
57 19.7	14.1 21.1
100 5.0	10.2 15.2#



#49
Dibromochloromethane
Concen: 33.027 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV023478.D
Acq: 15 Nov 2021 13:31

Tgt Ion:129	Resp: 238983
Ion Ratio	Lower Upper
129 100	
127 0.0	54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.546 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV023478.D

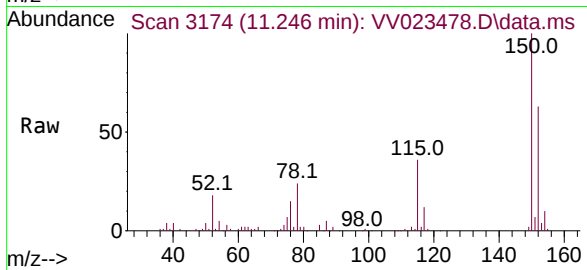
Acq: 15 Nov 2021 13:31

Instrument :

MSVOA_V

ClientSampleId :

BG1Y6



Tgt Ion: 75	Resp:	5540
Ion	Ratio	Lower Upper
75	100	
77	34.2	26.6 39.8
110	1.7	31.8 47.6#

