

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023488.D
 Acq On : 15 Nov 2021 17:30
 Operator : SY/MD
 Sample : M4617-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG206

Quant Time: Nov 16 00:34:11 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	117466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51035	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41053	5.579	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	111.600%	
7) Chloroethane-d5	1.568	69	32688	5.450	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	109.000%	
11) 1,1-Dichloroethene-d2	2.108	63	56224	4.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	81.600%	
20) 2-Butanone-d5	3.892	46	70610	55.695	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.400%	
24) Chloroform-d	4.352	84	77611	4.949	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.034	65	37570	5.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.600%	
32) Benzene-d6	5.050	84	150179	4.986	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.072	67	44426	5.011	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.317	98	133852	4.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.800%	
43) trans-1,3-Dichloroprop...	7.625	79	16102	4.790	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.091	63	46282	37.418	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.840%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27494	4.312	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49741	5.853	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	1821	0.159	ug/L	96
8) Chloroethane	1.307	64	533	0.095	ug/L #	1
9) Trichlorofluoromethane	1.754	101	2335	0.160	ug/L	99
12) 1,1-Dichloroethene	2.117	96	892	0.127	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	3281	0.213	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	9373	1.088	ug/L	96
19) 1,1-Dichloroethane	3.198	63	1474	0.101	ug/L #	86
22) cis-1,2-Dichloroethene	3.915	96	18361	2.216	ug/L #	90
27) 1,2-Dichloroethane	5.047	62	1061	0.129	ug/L #	72
34) Trichloroethene	5.915	95	101756	11.663	ug/L	97
35) Methylcyclohexane	6.069	83	11345	0.824	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5556	0.725	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1390	0.126	ug/L #	74
42) Toluene	7.407	91	2223	0.063	ug/L	95
47) Tetrachloroethene	7.976	164	15575	2.060	ug/L	98
48) 2-Hexanone	8.149	43	7301	2.933	ug/L #	93
49) Dibromochloromethane	7.979	129	13369	1.917	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5809	1.713	ug/L #	66

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023488.D
Acq On : 15 Nov 2021 17:30
Operator : SY/MD
Sample : M4617-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG206

Quant Time: Nov 16 00:34:11 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

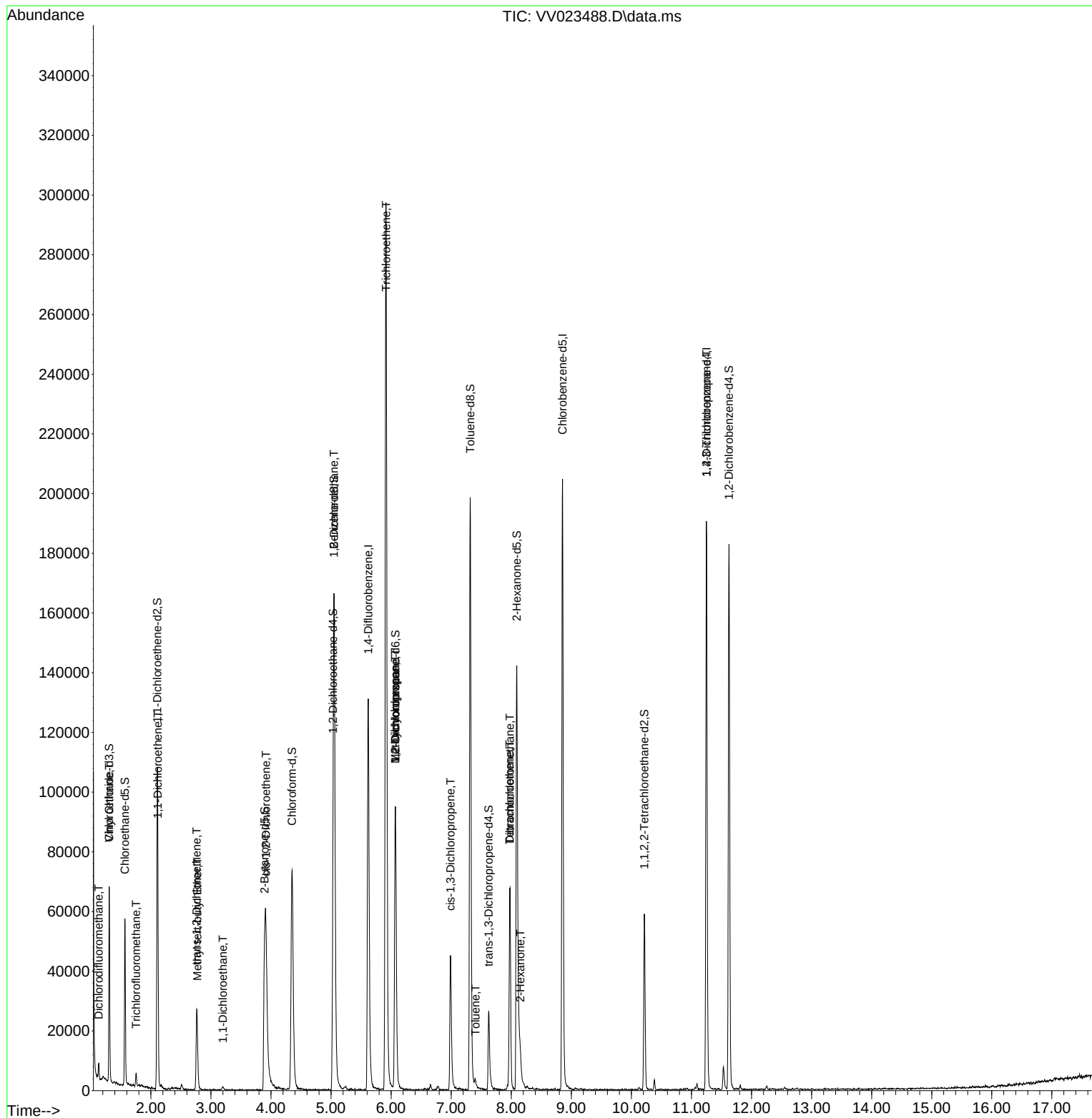
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

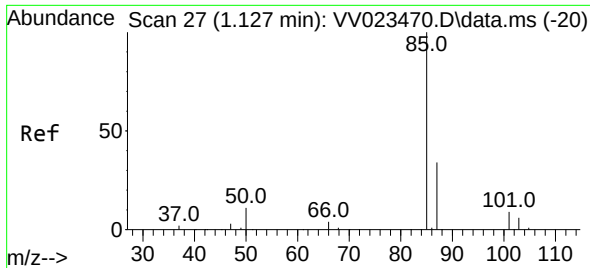
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023488.D
Acq On : 15 Nov 2021 17:30
Operator : SY/MD
Sample : M4617-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG206

Quant Time: Nov 16 00:34:11 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

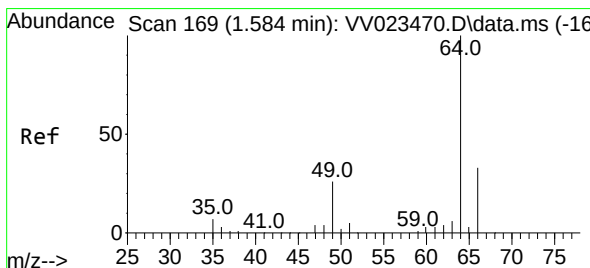
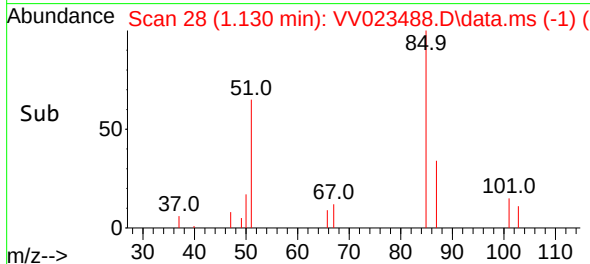
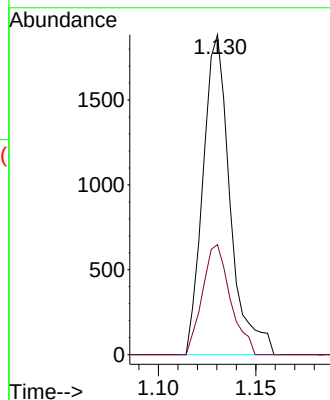
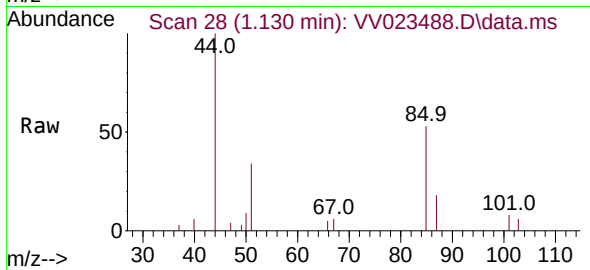




#2
 Dichlorodifluoromethane
 Concen: 0.159 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023488.D
 Acq: 15 Nov 2021 17:30

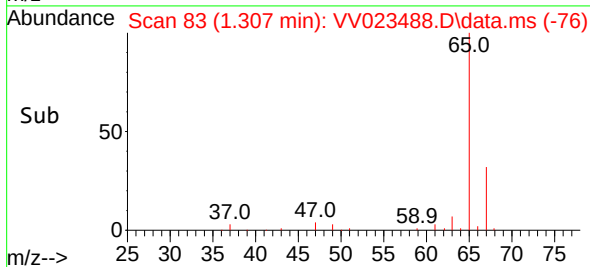
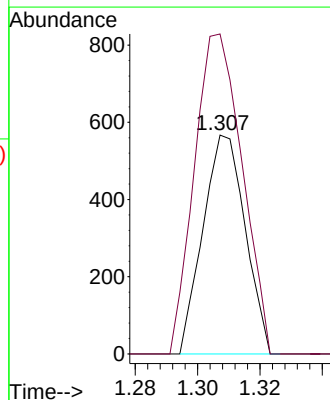
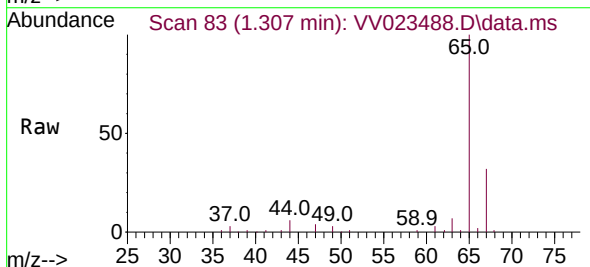
Instrument :
 MSVOA_V
 ClientSampleId :
 BG206

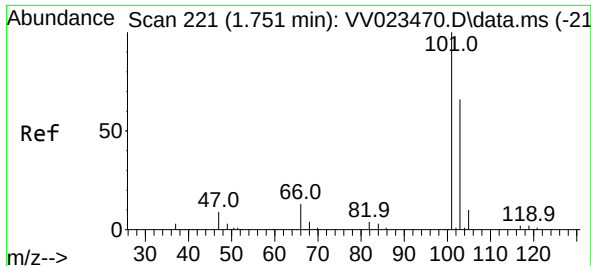
Tgt Ion: 85 Resp: 1821
 Ion Ratio Lower Upper
 85 100
 87 35.6 26.6 39.8



#8
 Chloroethane
 Concen: 0.095 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.276 min
 Lab File: VV023488.D
 Acq: 15 Nov 2021 17:30

Tgt Ion: 64 Resp: 533
 Ion Ratio Lower Upper
 64 100
 66 146.2 22.1 41.1#

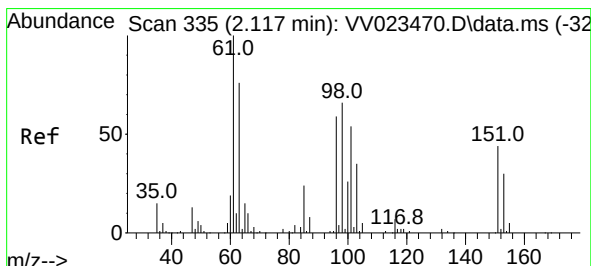
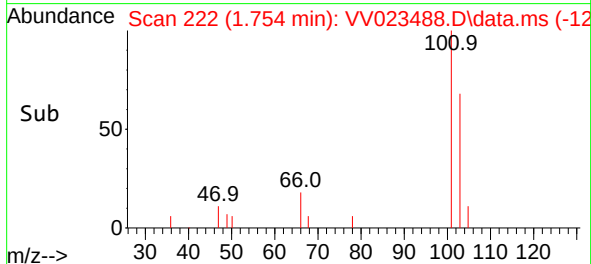
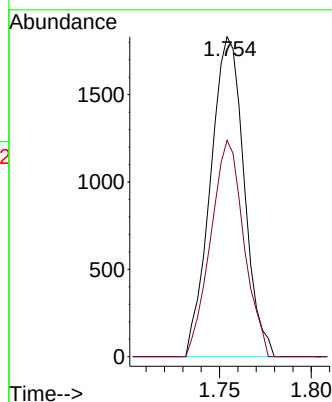
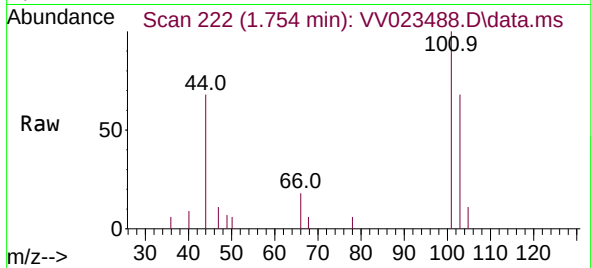




#9
 Trichlorofluoromethane
 Concen: 0.160 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023488.D
 Acq: 15 Nov 2021 17:30

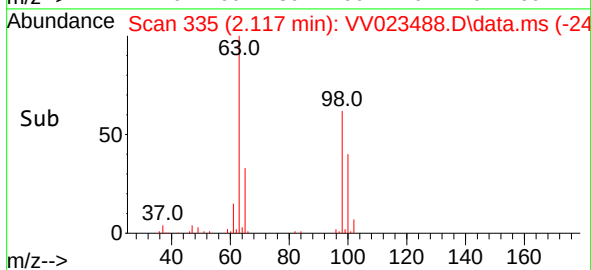
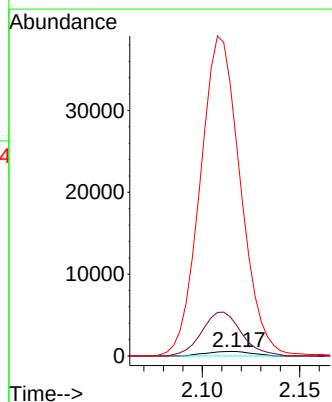
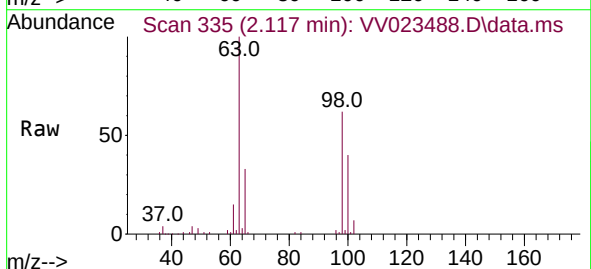
Instrument :
 MSVOA_V
 ClientSampleId :
 BG206

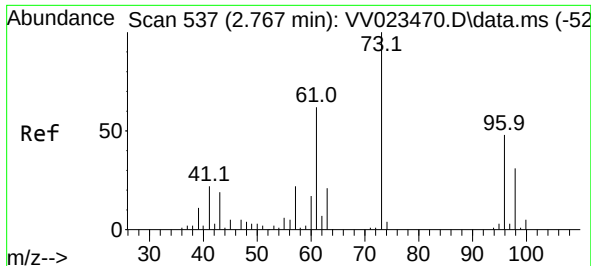
Tgt Ion:101 Resp: 2335
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.6 79.0



#12
 1,1-Dichloroethene
 Concen: 0.127 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023488.D
 Acq: 15 Nov 2021 17:30

Tgt Ion: 96 Resp: 892
 Ion Ratio Lower Upper
 96 100
 61 695.2 121.5 225.7#
 63 4791.2 99.6 185.0#

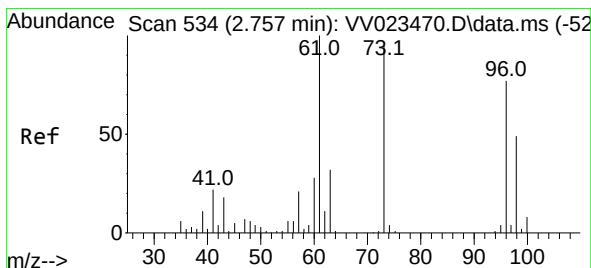
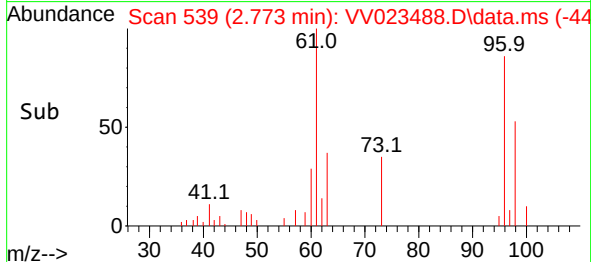
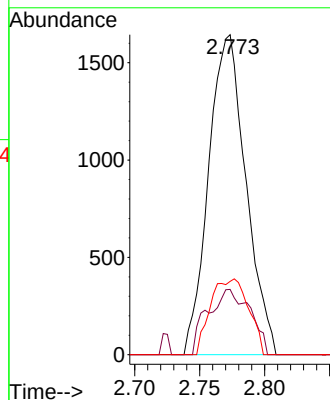
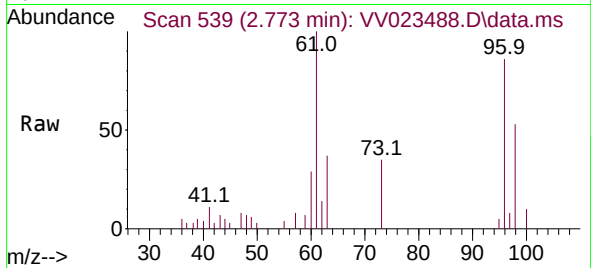




#17
Methyl tert-butyl Ether
Concen: 0.213 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

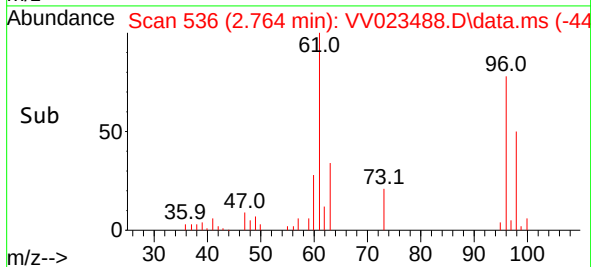
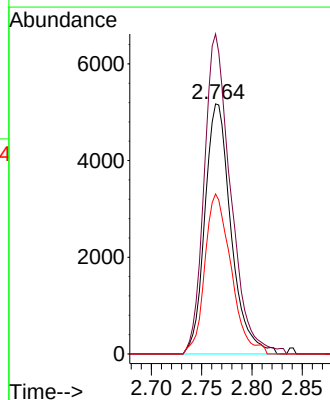
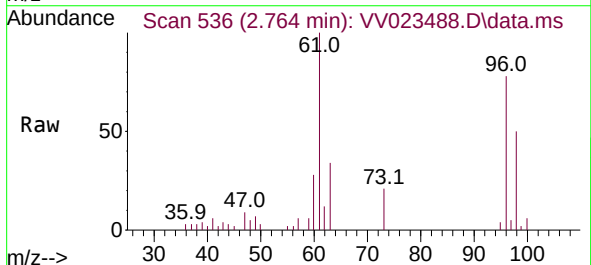
Instrument :
MSVOA_V
ClientSampleId :
BG206

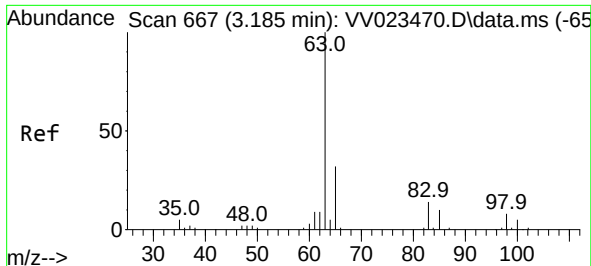
Tgt Ion: 73	Resp:	3281
Ion	Ratio	Lower Upper
73	100	
43	23.3	17.4 26.0
57	24.1	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 1.088 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV023488.D
Acq: 15 Nov 2021 17:30

Tgt Ion: 96	Resp:	9373
Ion	Ratio	Lower Upper
96	100	
61	128.0	93.2 173.2
98	64.0	47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.101 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.013 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

BG206

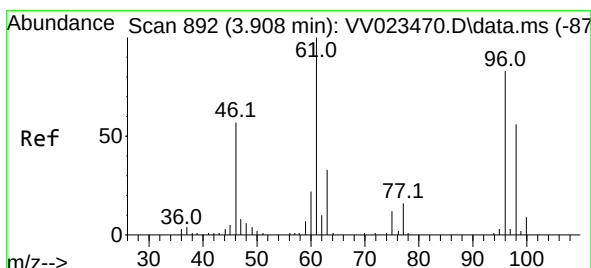
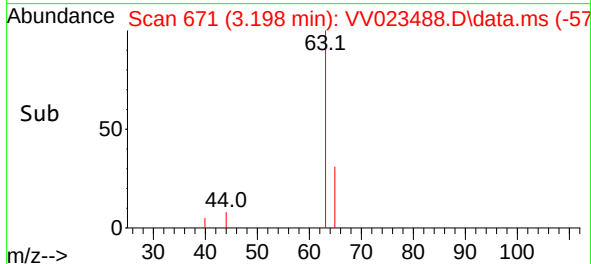
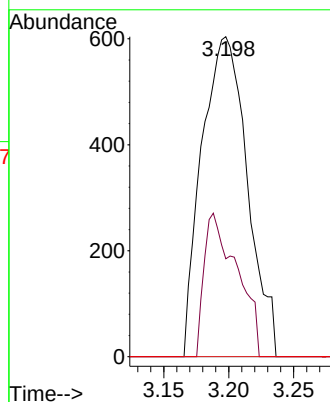
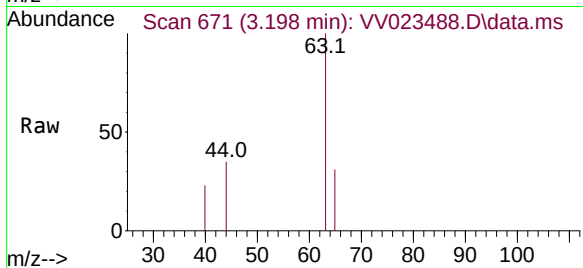
Tgt Ion: 63 Resp: 1474

Ion Ratio Lower Upper

63 100

65 30.6 22.6 42.0

83 0.0 11.1 20.7#



#22

cis-1,2-Dichloroethene

Concen: 2.216 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

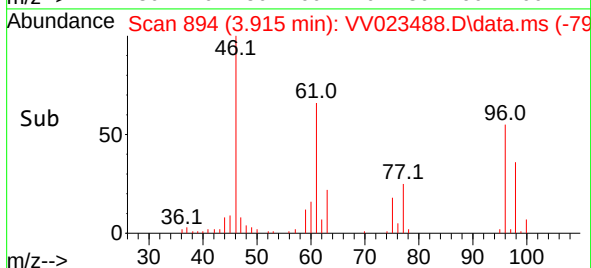
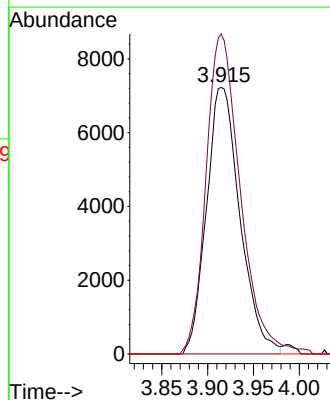
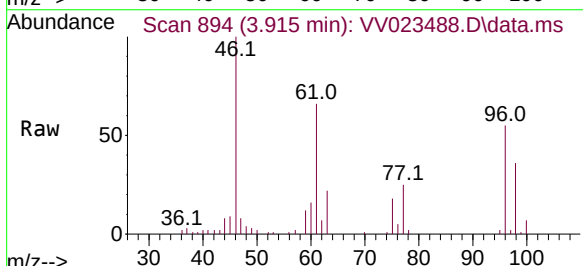
Tgt Ion: 96 Resp: 18361

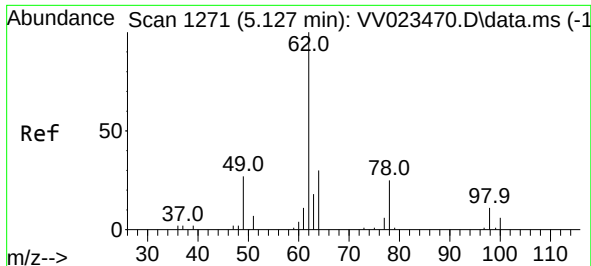
Ion Ratio Lower Upper

96 100

61 120.0 92.3 171.3

68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.129 ug/L

RT: 5.047 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

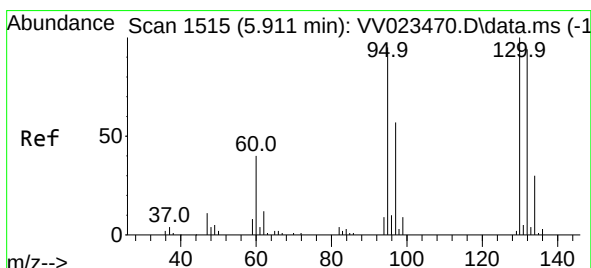
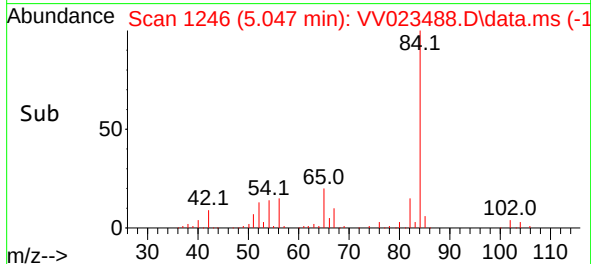
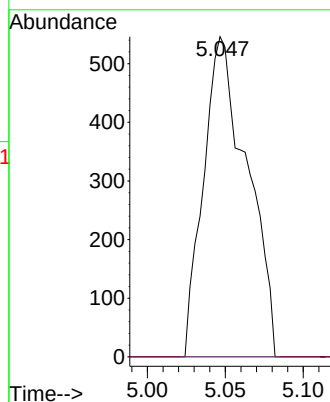
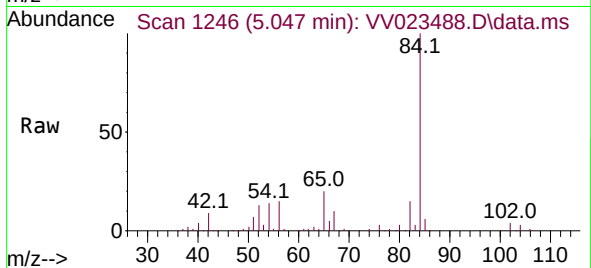
BG206

Tgt Ion: 62 Resp: 1061

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 11.663 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Tgt Ion: 95 Resp: 101756

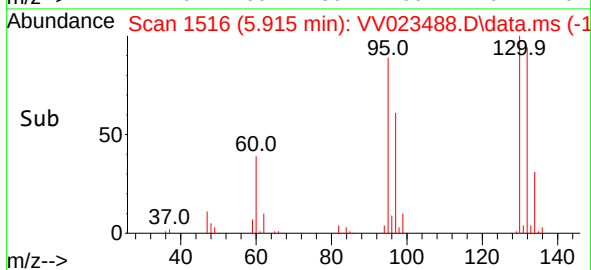
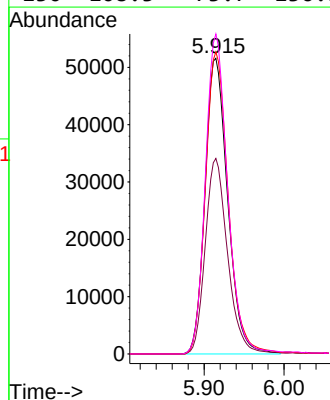
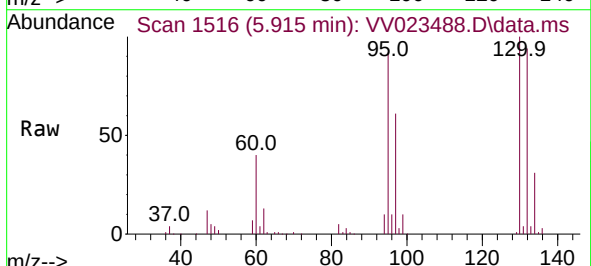
Ion Ratio Lower Upper

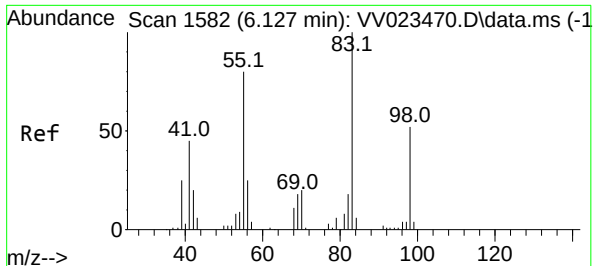
95 100

97 66.2 45.0 83.6

132 102.2 69.7 129.4

130 108.3 73.7 136.9





#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

BG206

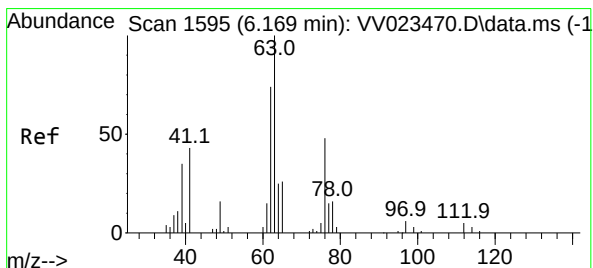
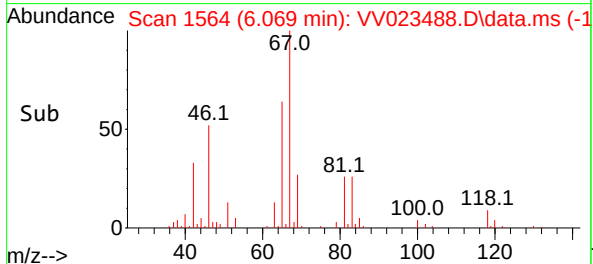
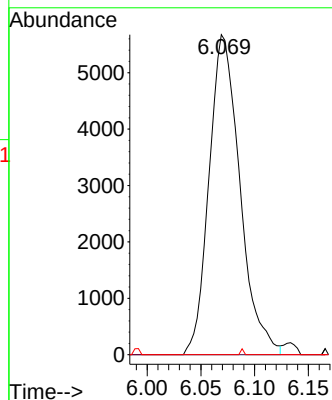
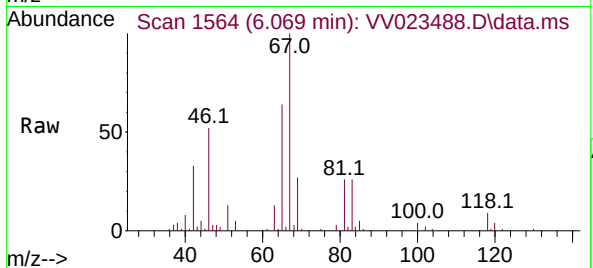
Tgt Ion: 83 Resp: 11345

Ion Ratio Lower Upper

83 100

55 0.0 62.8 94.2#

98 1.7 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023488.D

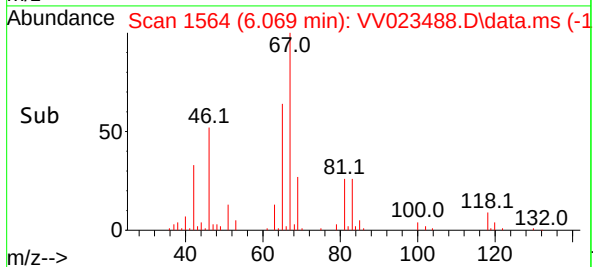
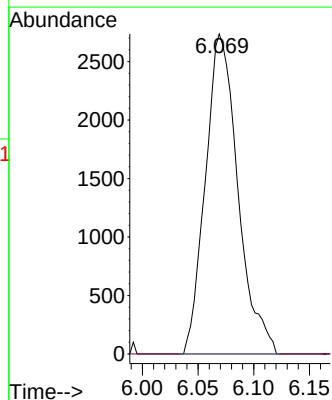
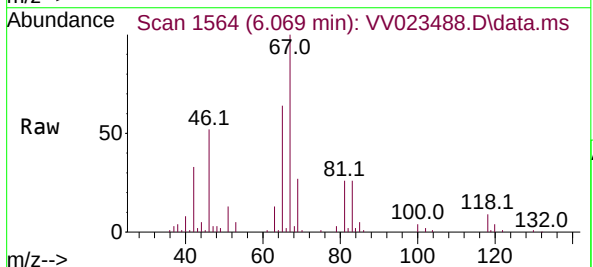
Acq: 15 Nov 2021 17:30

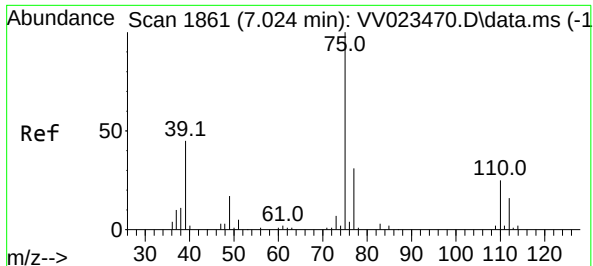
Tgt Ion: 63 Resp: 5556

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

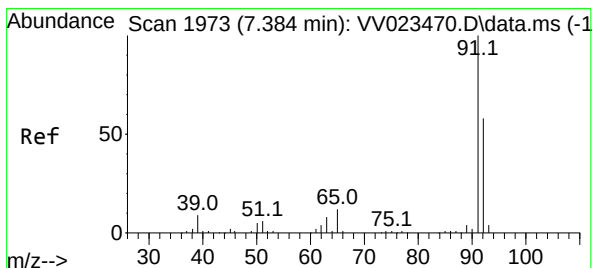
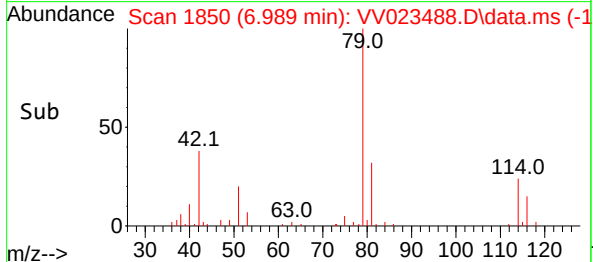
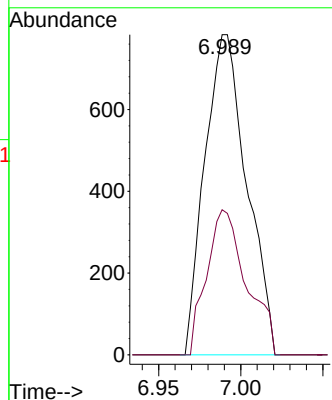
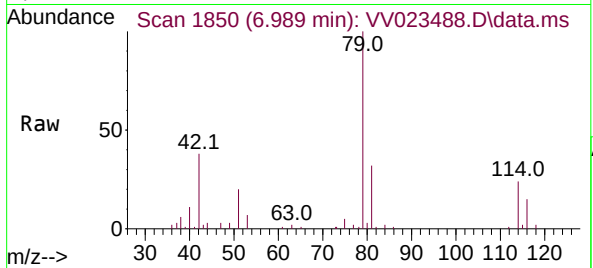
BG206

Tgt Ion: 75 Resp: 1390

Ion Ratio Lower Upper

75 100

77 45.3 21.6 40.2#



#42

Toluene

Concen: 0.063 ug/L

RT: 7.407 min Scan# 1980

Delta R.T. 0.023 min

Lab File: VV023488.D

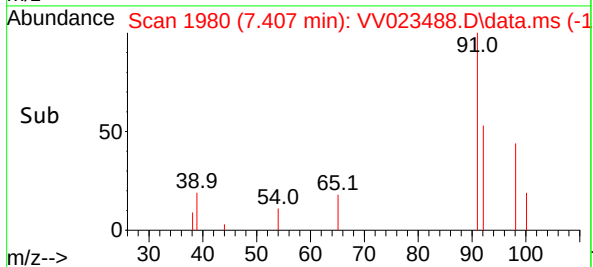
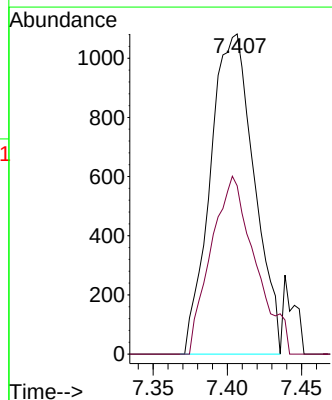
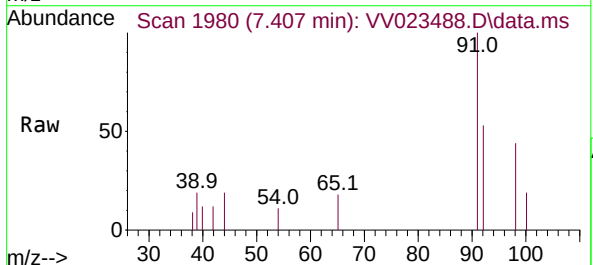
Acq: 15 Nov 2021 17:30

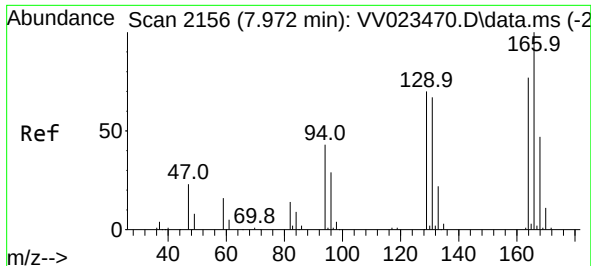
Tgt Ion: 91 Resp: 2223

Ion Ratio Lower Upper

91 100

92 52.6 39.3 72.9





#47

Tetrachloroethene

Concen: 2.060 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

BG206

Tgt Ion:164 Resp: 15575

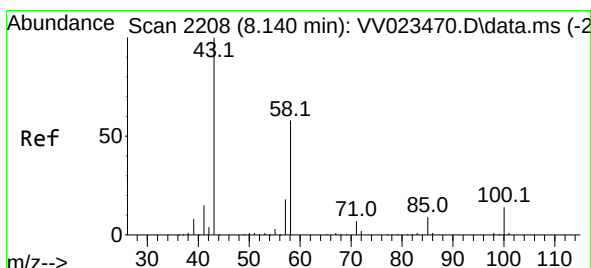
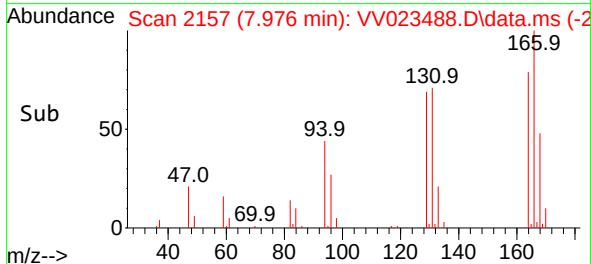
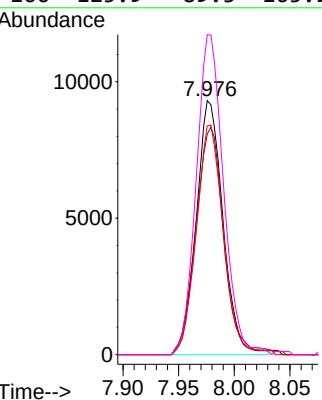
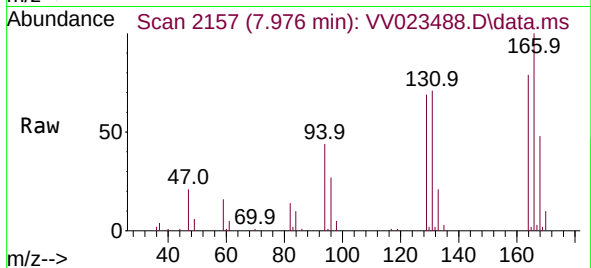
Ion Ratio Lower Upper

164 100

129 86.8 64.0 119.0

131 90.0 63.4 117.8

166 125.9 89.3 165.9



#48

2-Hexanone

Concen: 2.933 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Tgt Ion: 43 Resp: 7301

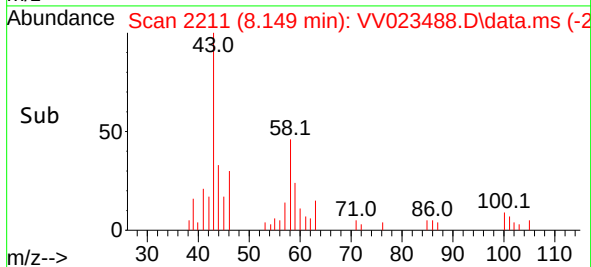
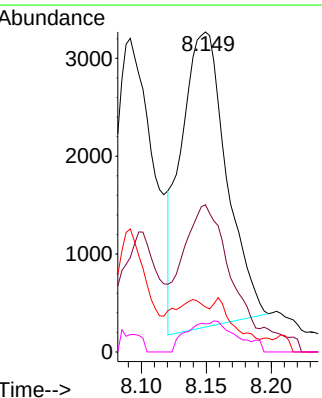
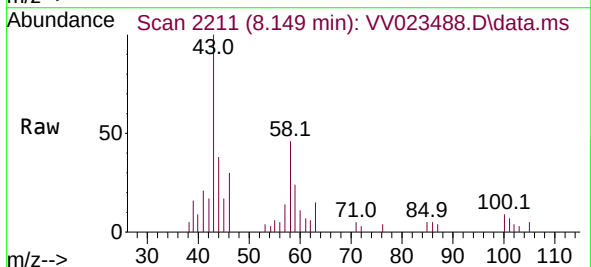
Ion Ratio Lower Upper

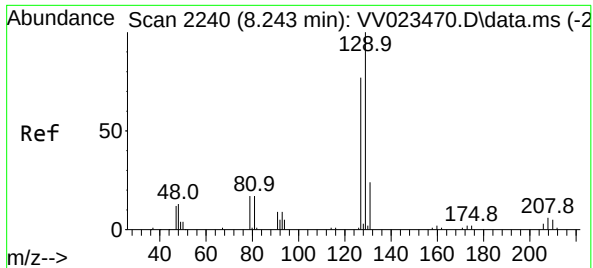
43 100

58 58.1 43.7 65.5

57 9.3 14.1 21.1#

100 11.5 10.2 15.2





#49

Dibromochloromethane

Concen: 1.917 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Instrument :

MSVOA_V

ClientSampleId :

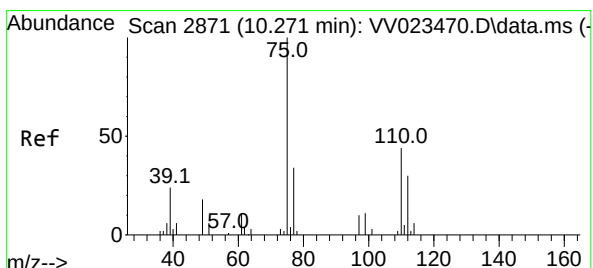
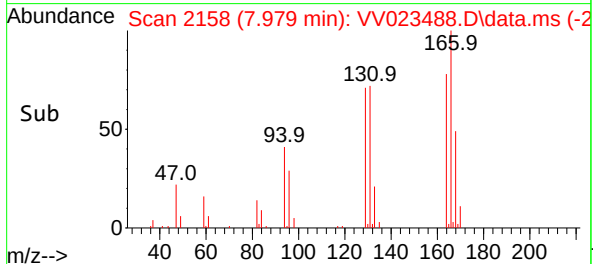
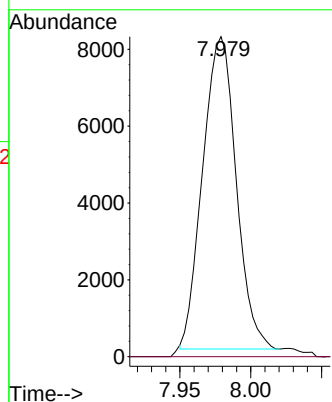
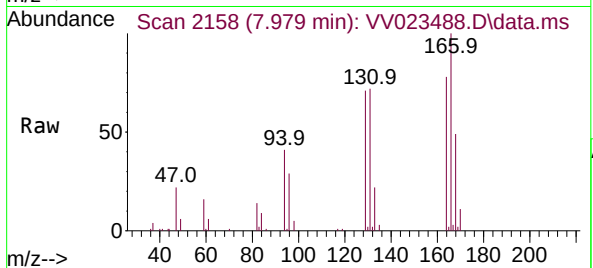
BG206

Tgt Ion:129 Resp: 13369

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.713 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023488.D

Acq: 15 Nov 2021 17:30

Tgt Ion: 75 Resp: 5809

Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

110 3.0 31.8 47.6#

