

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023499.D
 Acq On : 15 Nov 2021 21:57
 Operator : SY/MD
 Sample : M4617-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG207

Quant Time: Nov 16 05:15:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122092	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39008	5.100	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	32185	5.163	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.111	63	63981	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	3.908	46	65822	49.952	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.900%
24) Chloroform-d	4.352	84	75710	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.037	65	35307	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	144794	4.614	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.072	67	42933	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	124494	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.628	79	15408	4.399	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.091	63	44083	34.206	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26138	3.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48241	5.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1109	0.110	ug/L	99
9) Trichlorofluoromethane	1.754	101	3195504	210.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	31709	4.147	ug/L	96
12) 1,1-Dichloroethene	2.121	96	21426	2.943	ug/L	88
17) Methyl tert-butyl Ether	2.767	73	80451	5.020	ug/L	96
19) 1,1-Dichloroethane	3.191	63	117513	7.777	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	4577	0.531	ug/L #	86
25) Chloroform	4.375	83	9370	0.582	ug/L	95
27) 1,2-Dichloroethane	5.146	62	929	0.108	ug/L #	72
29) 1,1,1-Trichloroethane	4.609	97	11522	0.776	ug/L	98
31) Carbon tetrachloride	4.831	117	1702	0.128	ug/L	91
34) Trichloroethene	5.915	95	57288	6.302	ug/L	95
35) Methylcyclohexane	6.072	83	11096	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	4913	0.616	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1156	0.101	ug/L #	70
47) Tetrachloroethene	7.979	164	1956	0.248	ug/L	91
48) 2-Hexanone	8.146	43	8000	3.085	ug/L #	89
49) Dibromochloromethane	7.985	129	1883	0.259	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5305	1.475	ug/L #	65

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023499.D
Acq On : 15 Nov 2021 21:57
Operator : SY/MD
Sample : M4617-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG207

Quant Time: Nov 16 05:15:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

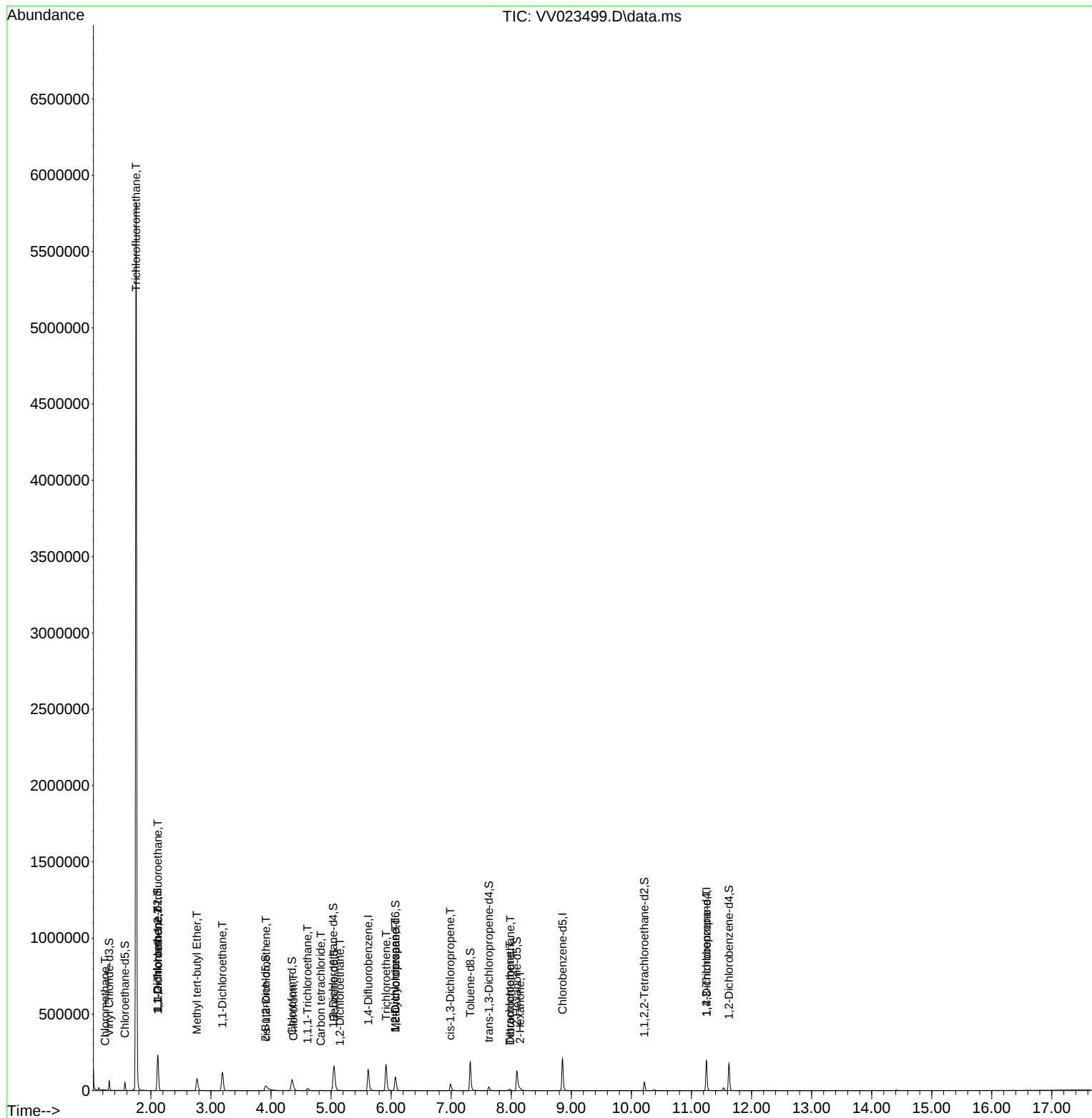
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

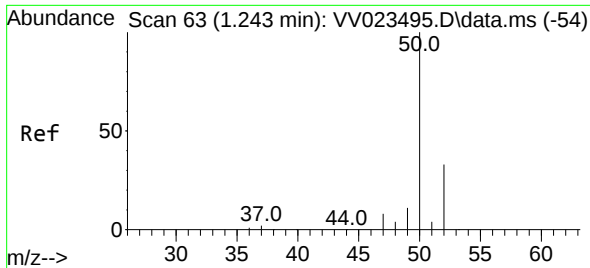
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023499.D
Acq On : 15 Nov 2021 21:57
Operator : SY/MD
Sample : M4617-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG207

Quant Time: Nov 16 05:15:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 16 02:06:43 2021
Response via : Initial Calibration

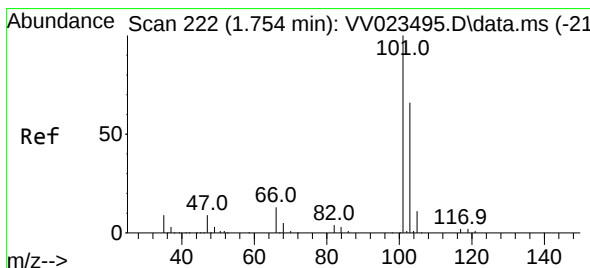
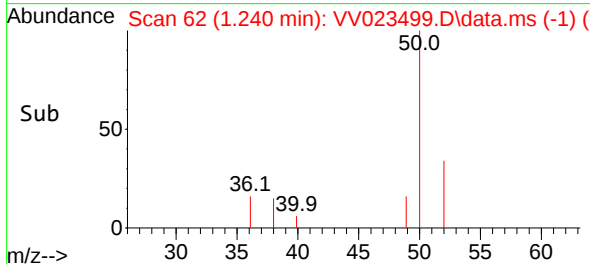
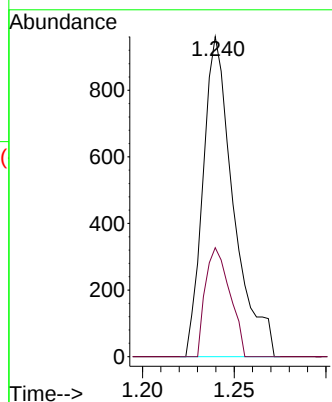
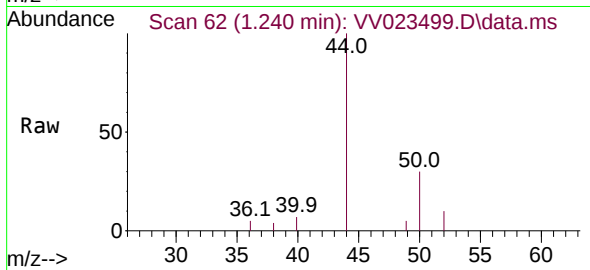




#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

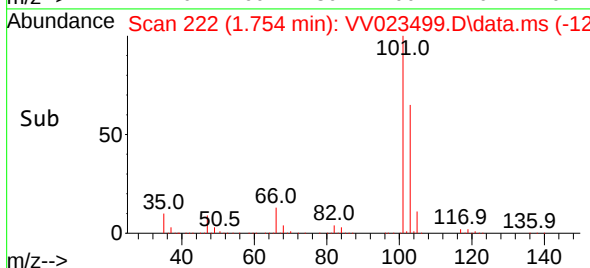
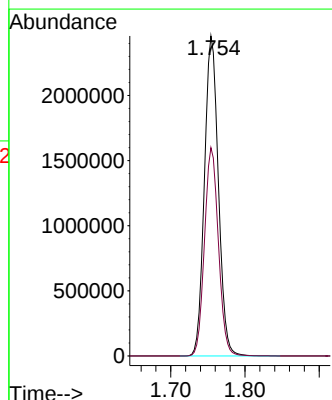
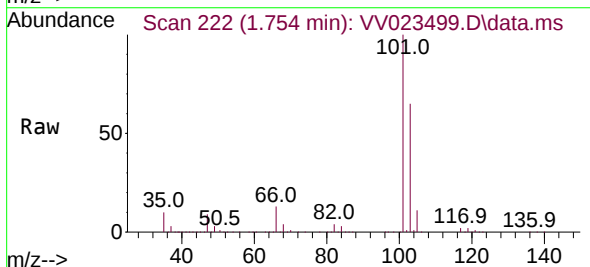
Instrument :
MSVOA_V
ClientSampleId :
BG207

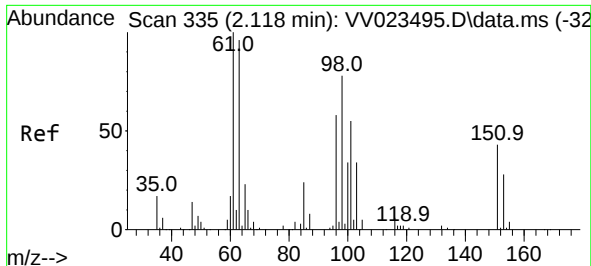
Tgt Ion: 50 Resp: 1109
Ion Ratio Lower Upper
50 100
52 34.0 24.3 45.1



#9
Trichlorofluoromethane
Concen: 210.378 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion:101 Resp: 3195504
Ion Ratio Lower Upper
101 100
103 65.0 52.6 79.0

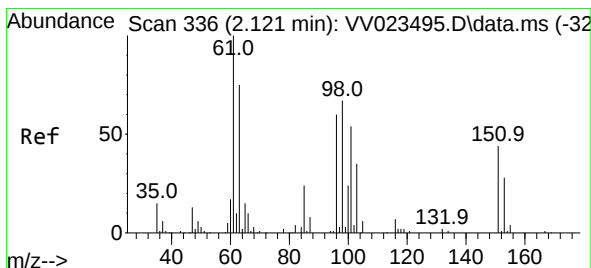
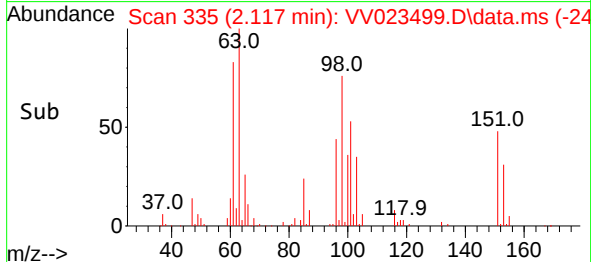
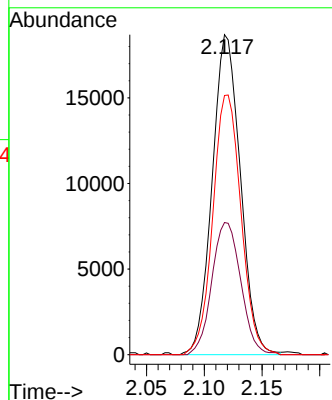
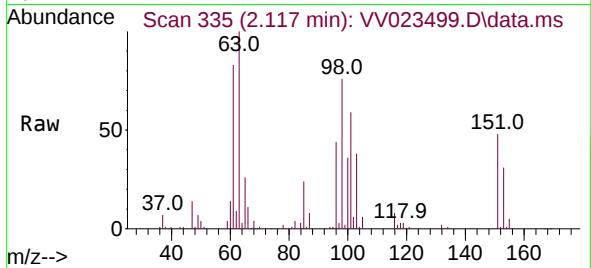




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.147 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

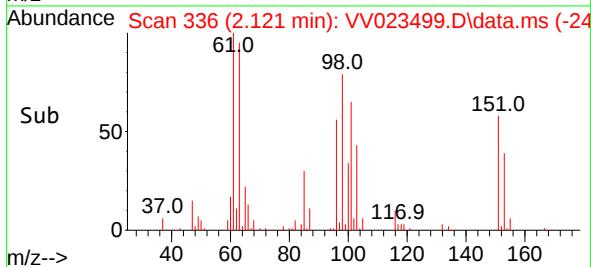
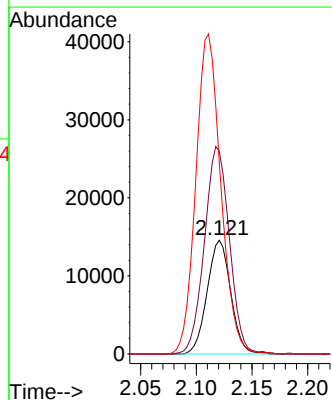
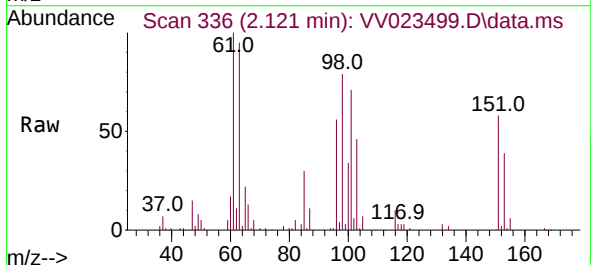
Instrument :
MSVOA_V
ClientSampleId :
BG207

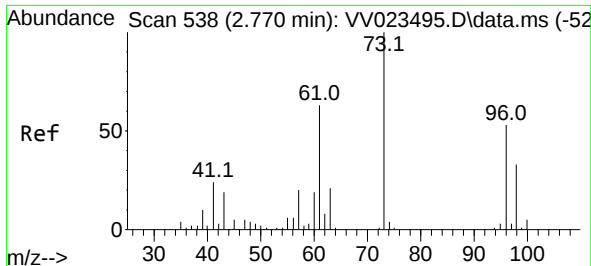
Tgt Ion:101 Resp: 31709
Ion Ratio Lower Upper
101 100
85 42.3 35.3 52.9
151 81.2 62.2 93.2



#12
1,1-Dichloroethene
Concen: 2.943 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 96 Resp: 21426
Ion Ratio Lower Upper
96 100
61 178.4 121.5 225.7
63 169.1 99.6 185.0





#17

Methyl tert-butyl Ether

Concen: 5.020 ug/L

RT: 2.767 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

Instrument :

MSVOA_V

ClientSampleId :

BG207

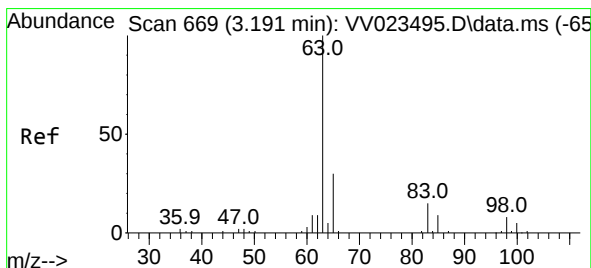
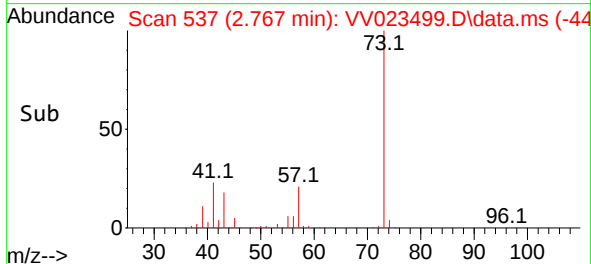
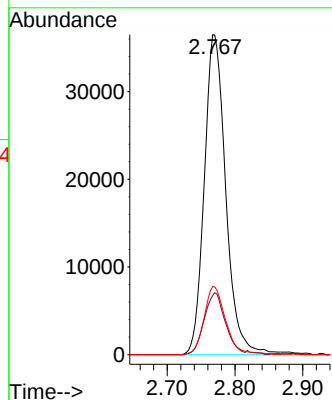
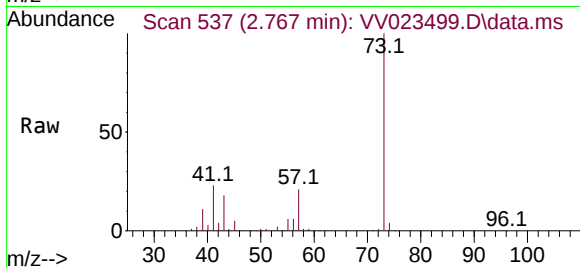
Tgt Ion: 73 Resp: 80451

Ion Ratio Lower Upper

73 100

43 19.0 17.4 26.0

57 21.3 16.5 24.7



#19

1,1-Dichloroethane

Concen: 7.777 ug/L

RT: 3.191 min Scan# 669

Delta R.T. -0.000 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

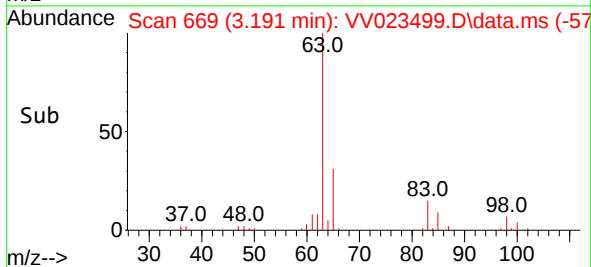
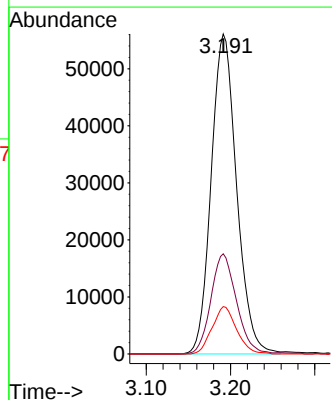
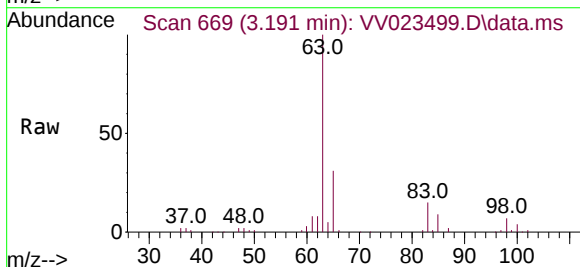
Tgt Ion: 63 Resp: 117513

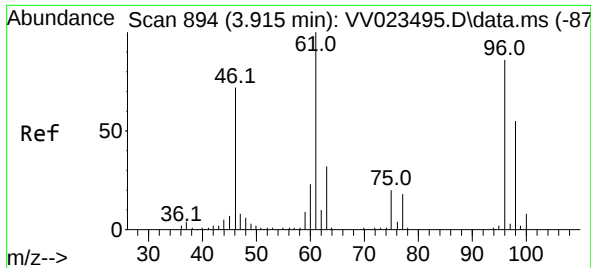
Ion Ratio Lower Upper

63 100

65 31.3 22.6 42.0

83 14.8 11.1 20.7

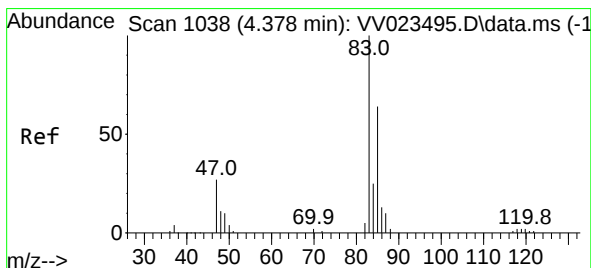
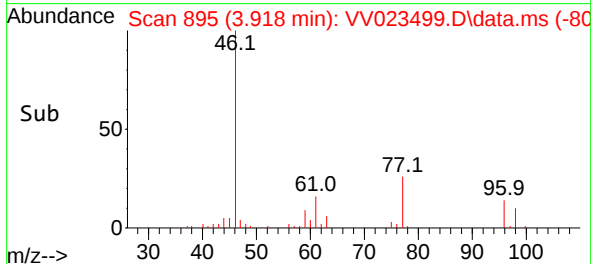
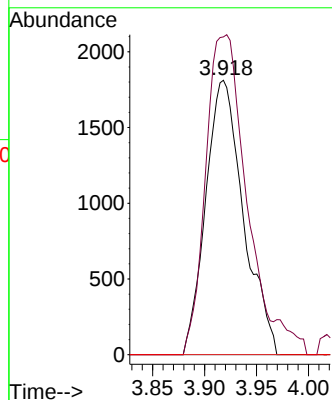
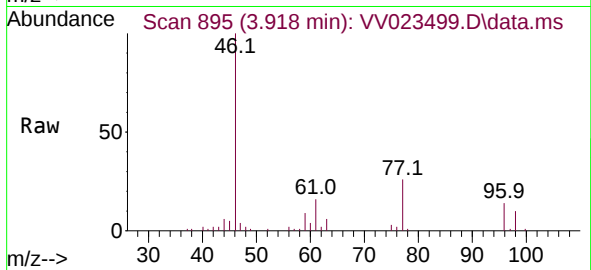




#22
cis-1,2-Dichloroethene
Concen: 0.531 ug/L
RT: 3.918 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

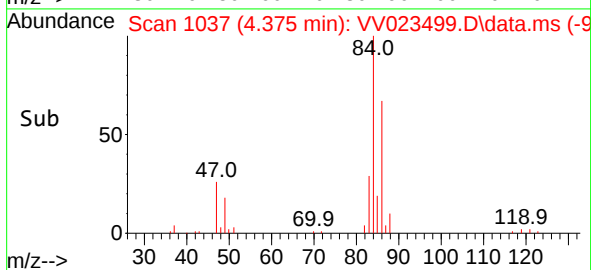
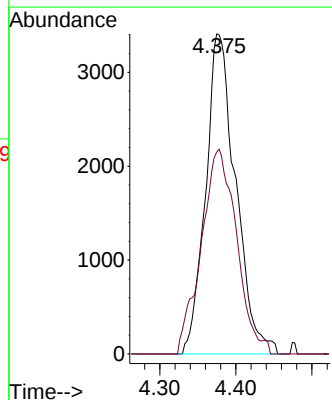
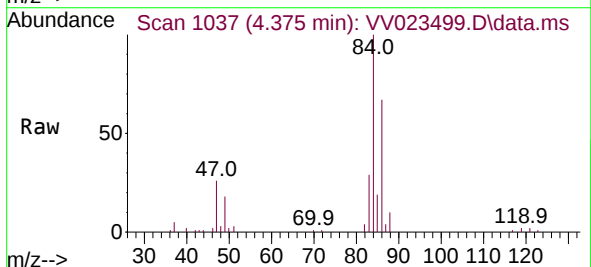
Instrument :
MSVOA_V
ClientSampleId :
BG207

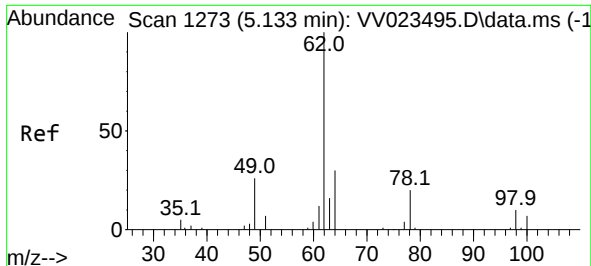
Tgt Ion: 96 Resp: 4577
Ion Ratio Lower Upper
96 100
61 115.8 92.3 171.3
68 0.0 0.4 0.8#



#25
Chloroform
Concen: 0.582 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 83 Resp: 9370
Ion Ratio Lower Upper
83 100
85 63.1 46.8 86.8





#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.146 min Scan# 1127

Delta R.T. 0.013 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

Instrument :

MSVOA_V

ClientSampleId :

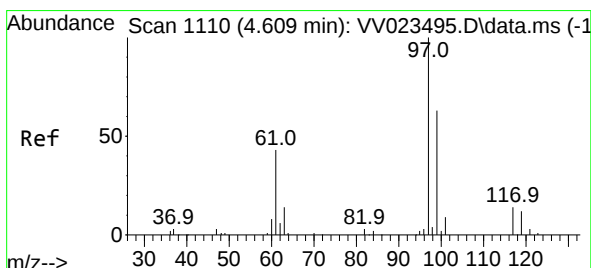
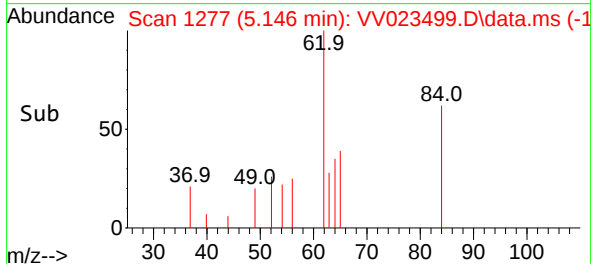
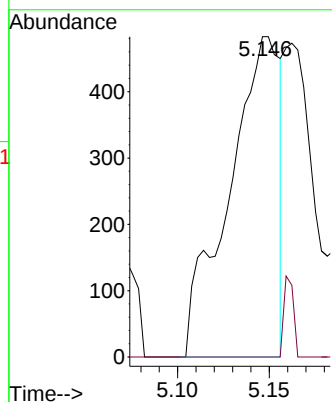
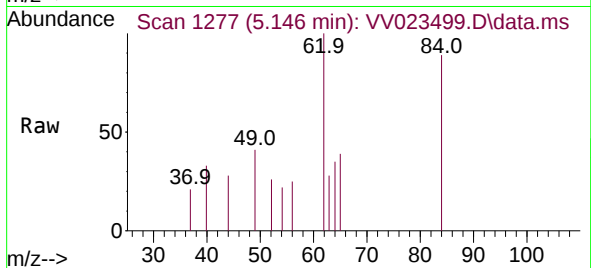
BG207

Tgt Ion: 62 Resp: 929

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#29

1,1,1-Trichloroethane

Concen: 0.776 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

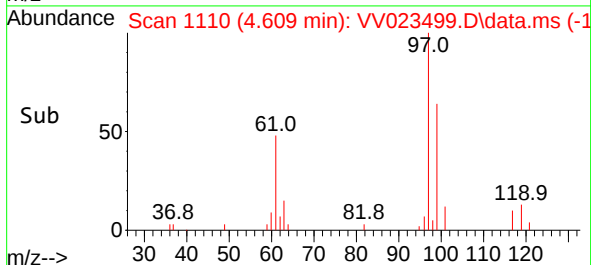
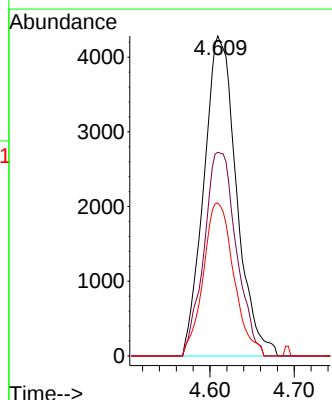
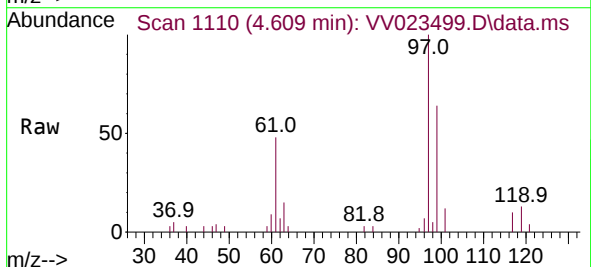
Tgt Ion: 97 Resp: 11522

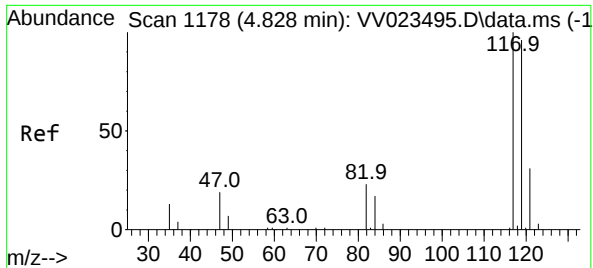
Ion Ratio Lower Upper

97 100

99 63.0 51.0 76.4

61 44.8 34.1 51.1

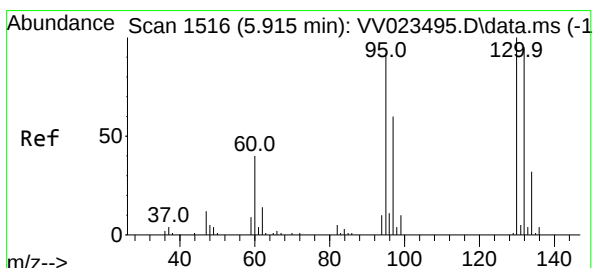
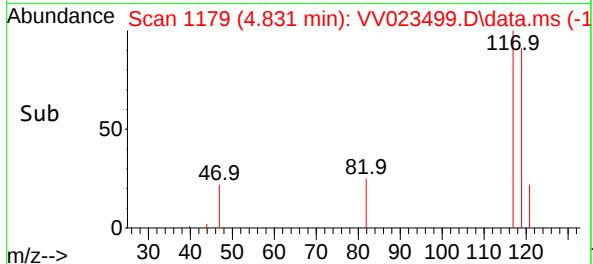
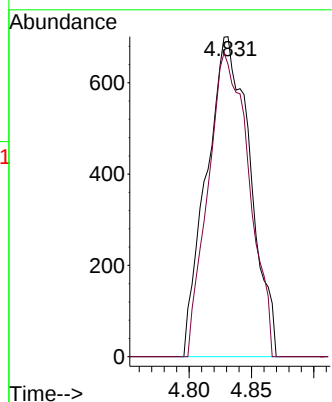
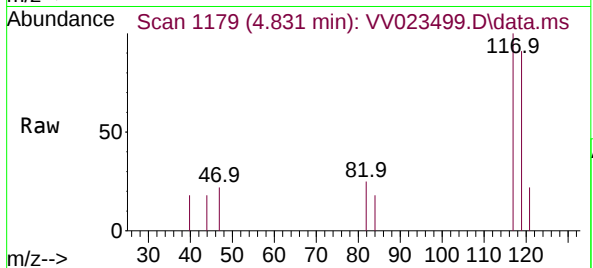




#31
Carbon tetrachloride
Concen: 0.128 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

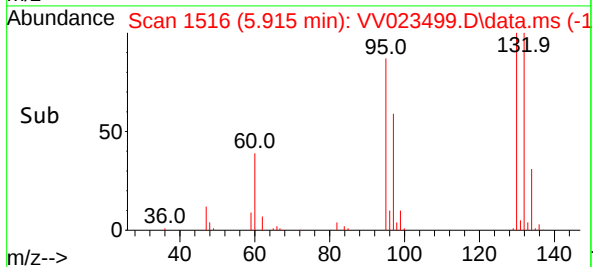
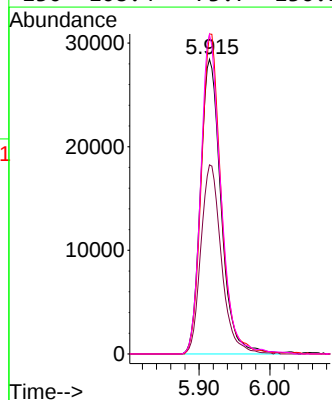
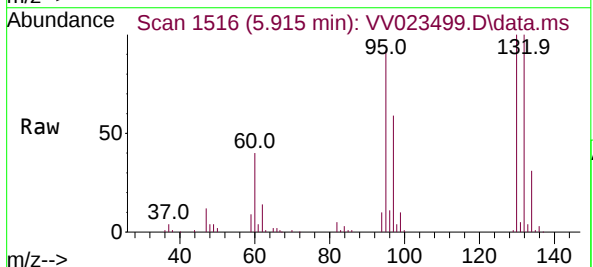
Instrument :
MSVOA_V
ClientSampleId :
BG207

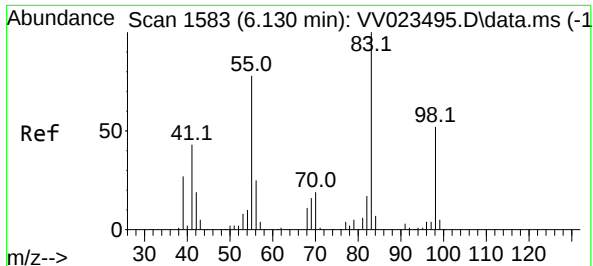
Tgt Ion: 117 Resp: 1702
Ion Ratio Lower Upper
117 100
119 89.4 78.8 118.2



#34
Trichloroethene
Concen: 6.302 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion: 95 Resp: 57288
Ion Ratio Lower Upper
95 100
97 64.2 45.0 83.6
132 108.6 69.7 129.4
130 108.4 73.7 136.9





#35

Methylcyclohexane

Concen: 0.773 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

Instrument :

MSVOA_V

ClientSampleId :

BG207

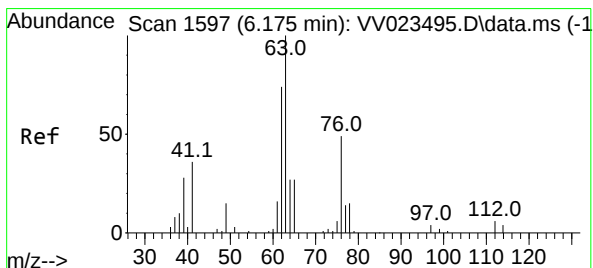
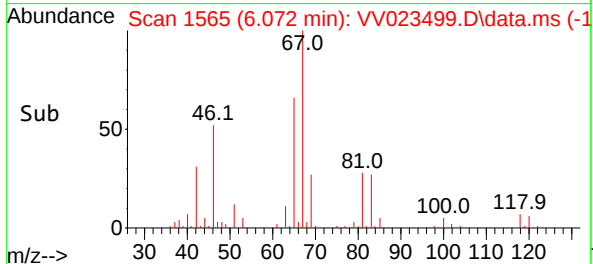
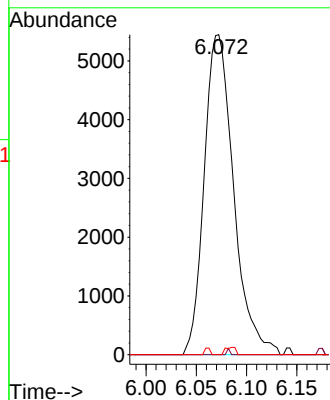
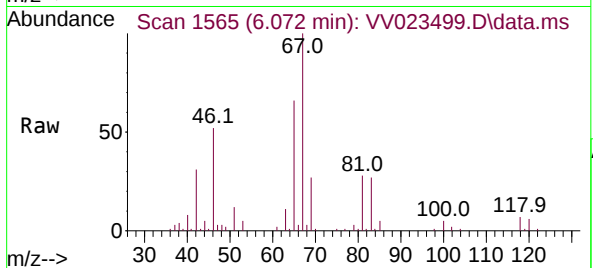
Tgt Ion: 83 Resp: 11096

Ion Ratio Lower Upper

83 100

55 0.2 62.8 94.2#

98 0.8 37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.616 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.106 min

Lab File: VV023499.D

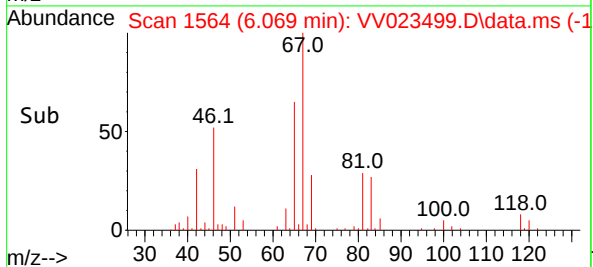
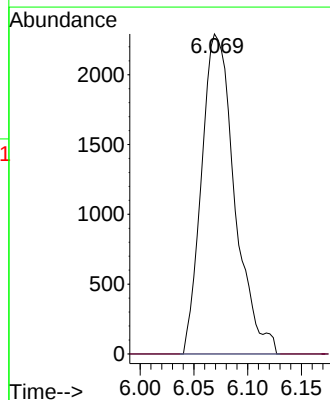
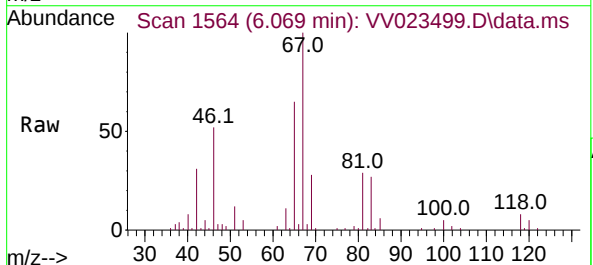
Acq: 15 Nov 2021 21:57

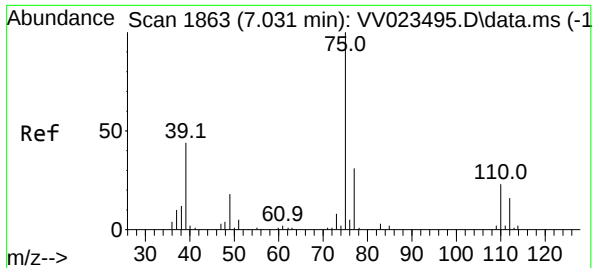
Tgt Ion: 63 Resp: 4913

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

Instrument :

MSVOA_V

ClientSampleId :

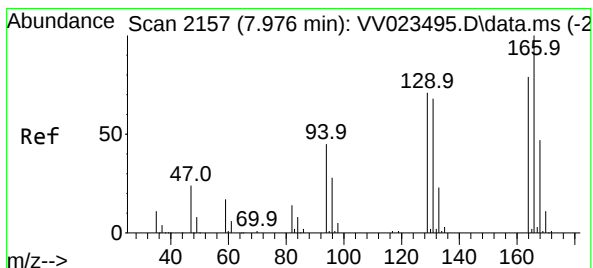
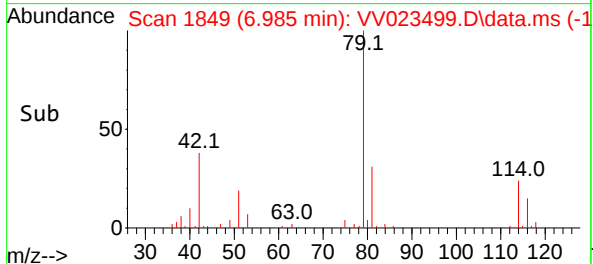
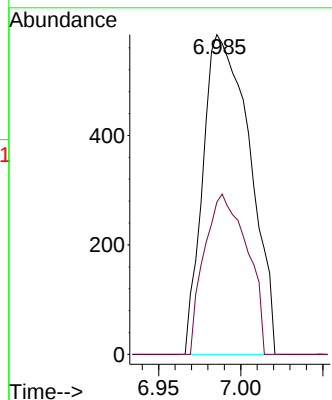
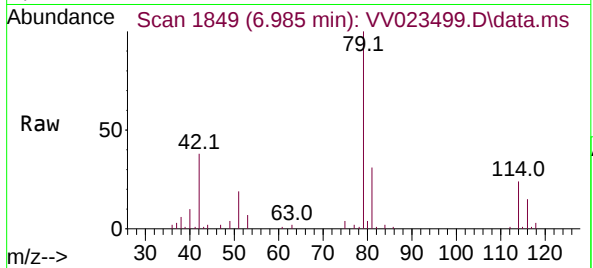
BG207

Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

77 47.6 21.6 40.2#



#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV023499.D

Acq: 15 Nov 2021 21:57

Tgt Ion: 164 Resp: 1956

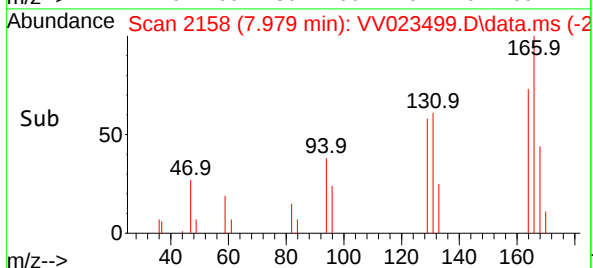
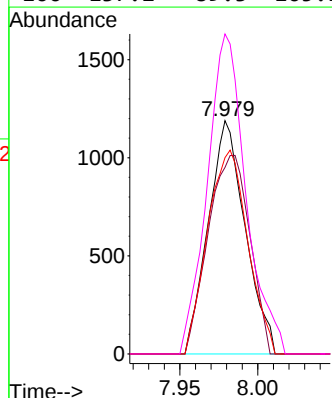
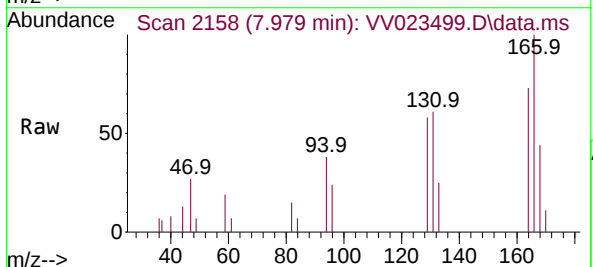
Ion Ratio Lower Upper

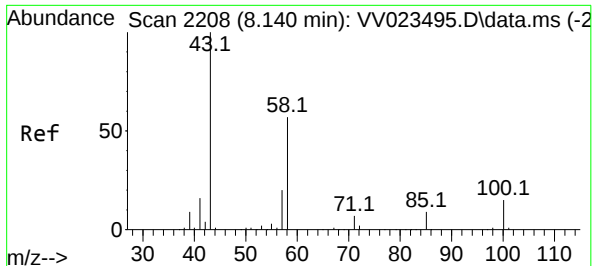
164 100

129 80.0 64.0 119.0

131 84.2 63.4 117.8

166 137.2 89.3 165.9

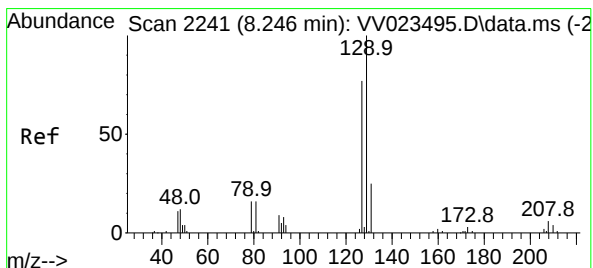
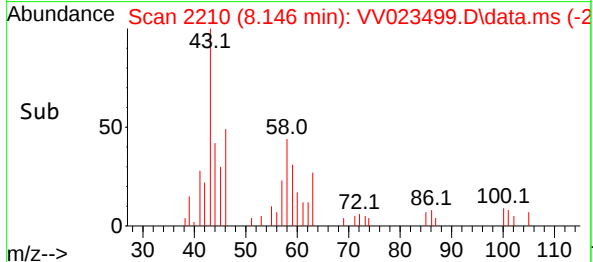
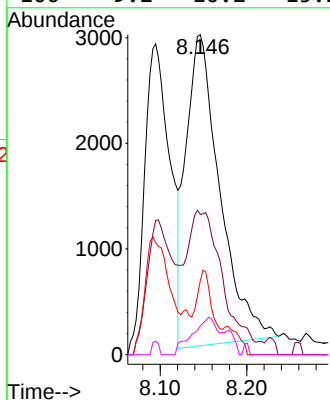
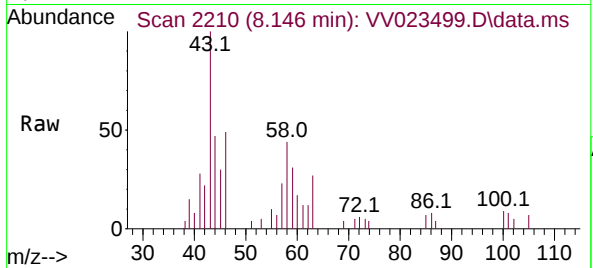




#48
2-Hexanone
Concen: 3.085 ug/L
RT: 8.146 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

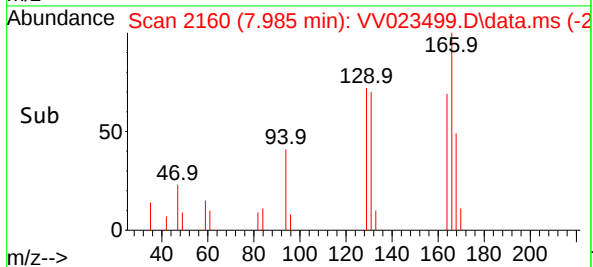
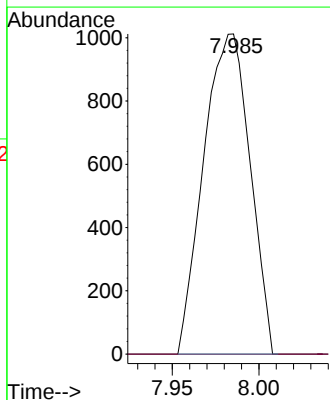
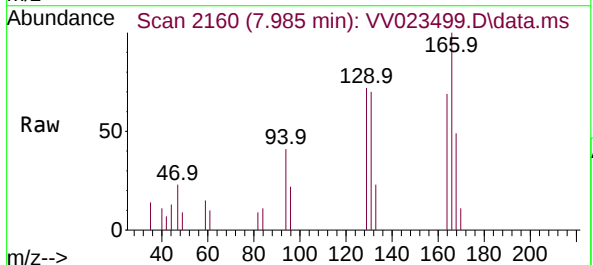
Instrument :
MSVOA_V
ClientSampleId :
BG207

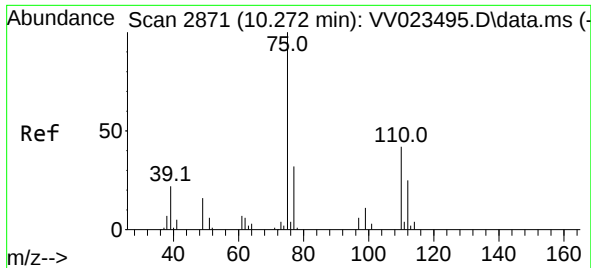
Tgt Ion: 43	Resp: 8000
Ion Ratio	Lower Upper
43 100	
58 49.2	43.7 65.5
57 7.9	14.1 21.1#
100 9.2	10.2 15.2#



#49
Dibromochloromethane
Concen: 0.259 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. -0.261 min
Lab File: VV023499.D
Acq: 15 Nov 2021 21:57

Tgt Ion:129	Resp:	1883	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#61

1,2,3-Trichloropropane

Concen: 1.475 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV023499.D

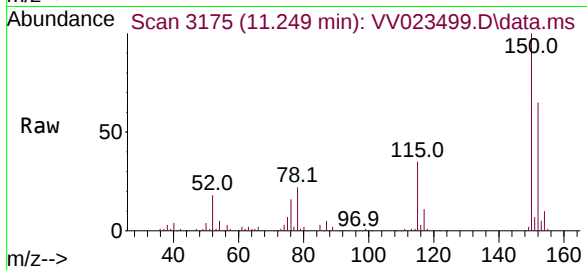
Acq: 15 Nov 2021 21:57

Instrument :

MSVOA_V

ClientSampleId :

BG207



Tgt Ion: 75 Resp: 5305

Ion Ratio Lower Upper

75 100

77 34.6 26.6 39.8

110 1.8 31.8 47.6#

