

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023483.D
 Acq On : 15 Nov 2021 15:31
 Operator : SY/MD
 Sample : M4616-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG203

Quant Time: Nov 16 00:33:04 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)

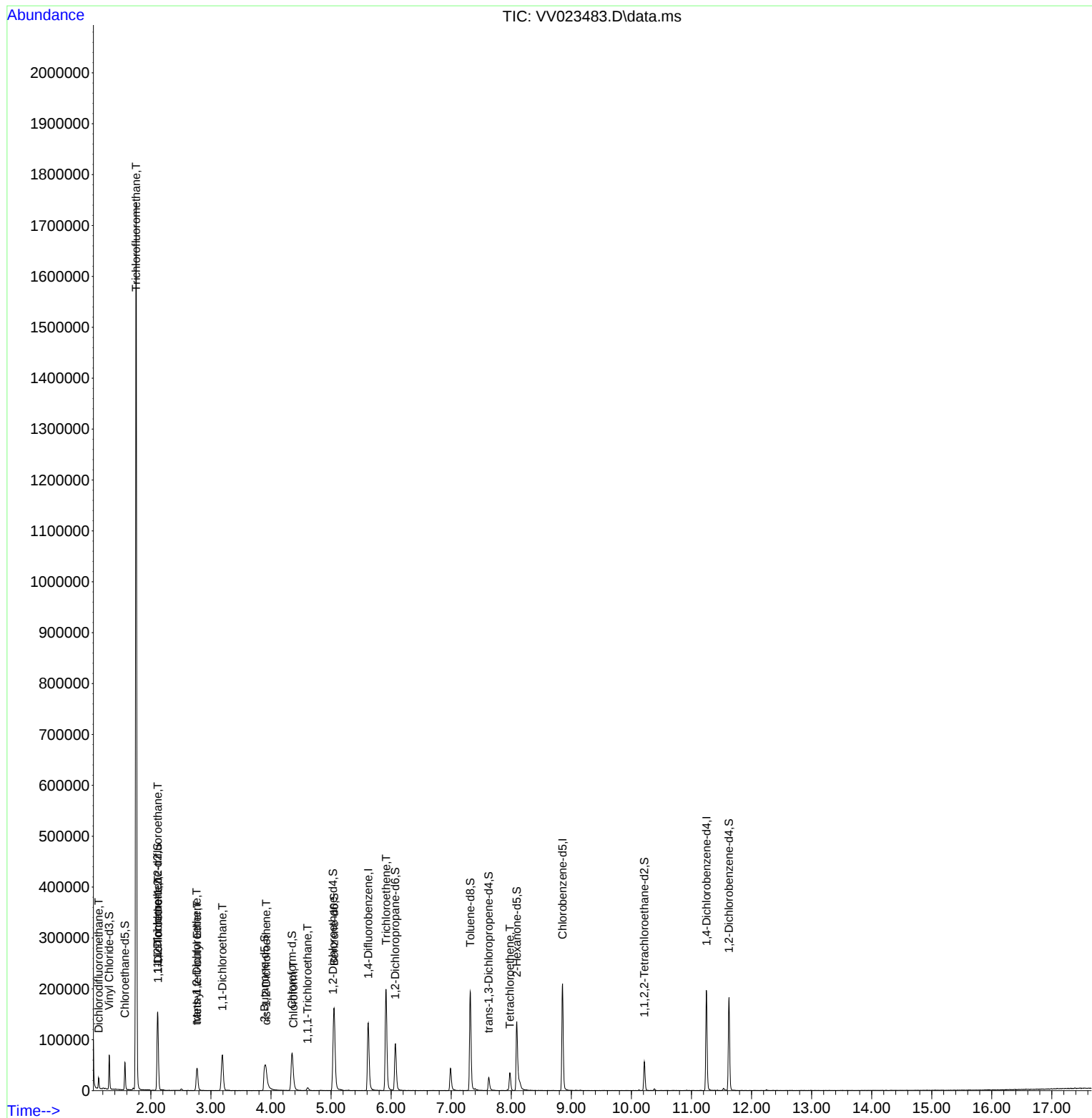
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119227	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120392	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41327	5.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.568	69	32914	5.407	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	2.111	63	60874	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.000%
20) 2-Butanone-d5	3.892	46	71677	55.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.400%
24) Chloroform-d	4.349	84	74979	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	37102	5.183	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.053	84	149678	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.069	67	44752	4.921	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	132082	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.625	79	15634	4.534	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.092	63	43830	34.550	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25818	3.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	48195	5.356	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	8079	0.695	ug/L	93
9) Trichlorofluoromethane	1.754	101	962417	64.884	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	15476	2.072	ug/L	98
12) 1,1-Dichloroethene	2.121	96	8102	1.140	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	41982	2.682	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	653	0.075	ug/L	80
19) 1,1-Dichloroethane	3.192	63	57954	3.927	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	7757	0.922	ug/L #	95
25) Chloroform	4.375	83	6302	0.401	ug/L	83
29) 1,1,1-Trichloroethane	4.609	97	4416	0.302	ug/L	98
34) Trichloroethene	5.915	95	68511	7.656	ug/L	100
47) Tetrachloroethene	7.979	164	8642	1.114	ug/L	96

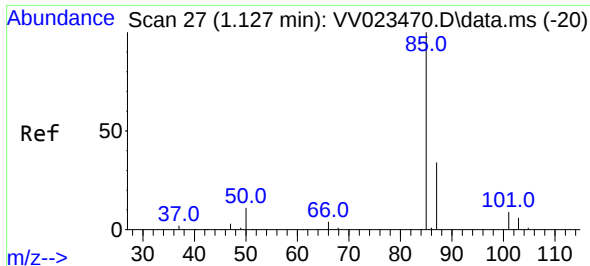
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023483.D
Acq On : 15 Nov 2021 15:31
Operator : SY/MD
Sample : M4616-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG203

Quant Time: Nov 16 00:33:04 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

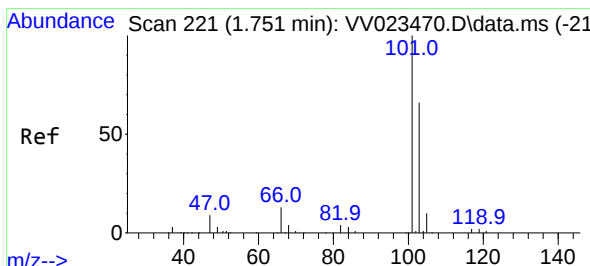
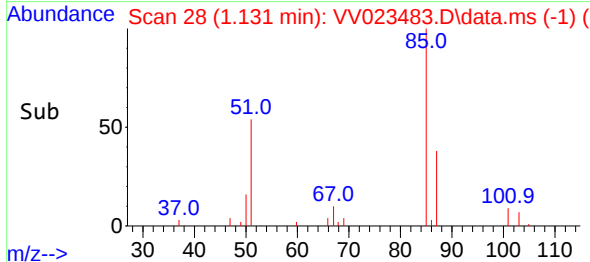
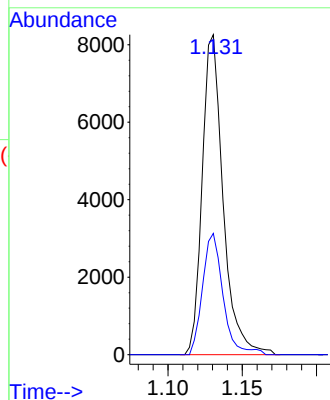
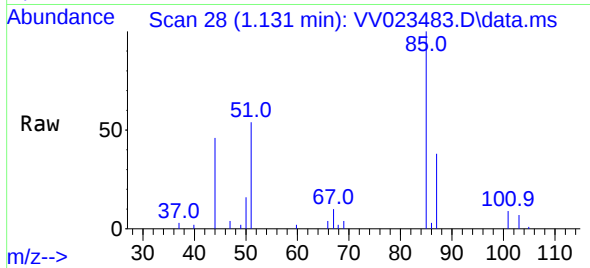




#2
 Dichlorodifluoromethane
 Concen: 0.695 ug/L
 RT: 1.131 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023483.D
 Acq: 15 Nov 2021 15:31

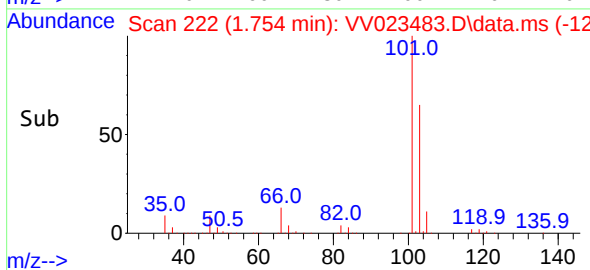
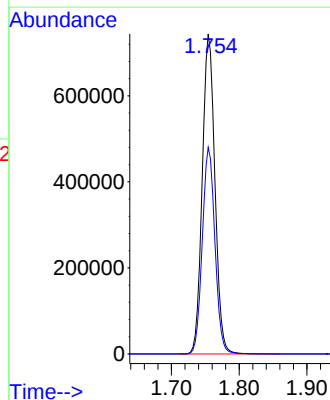
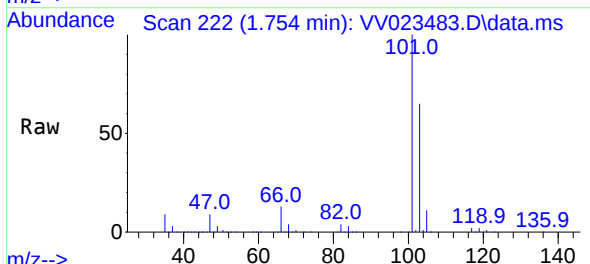
Instrument :
 MSVOA_V
 ClientSampleId :
 BG203

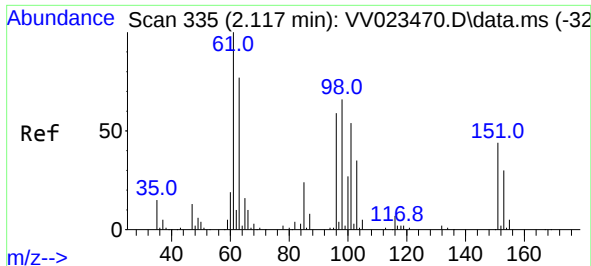
Tgt Ion: 85 Resp: 8079
 Ion Ratio Lower Upper
 85 100
 87 37.1 26.6 39.8



#9
 Trichlorofluoromethane
 Concen: 64.884 ug/L
 RT: 1.754 min Scan# 222
 Delta R.T. 0.003 min
 Lab File: VV023483.D
 Acq: 15 Nov 2021 15:31

Tgt Ion: 101 Resp: 962417
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.6 79.0

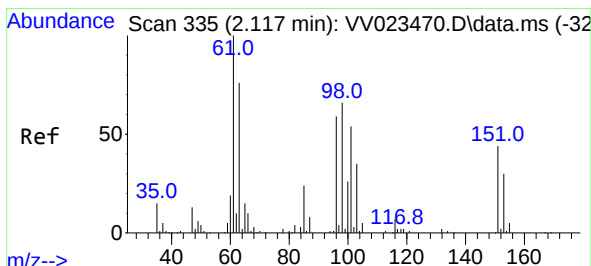
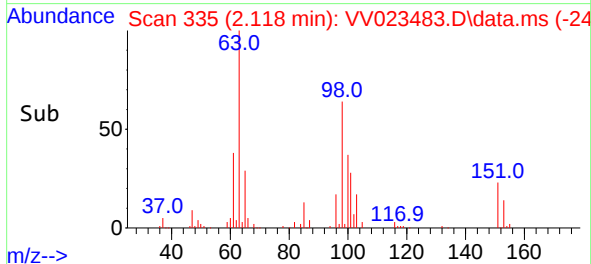
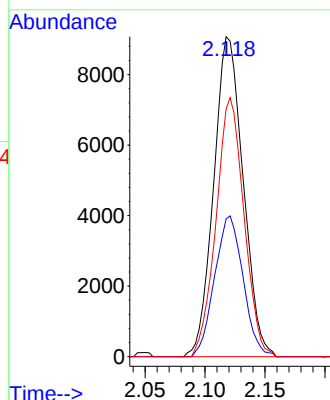
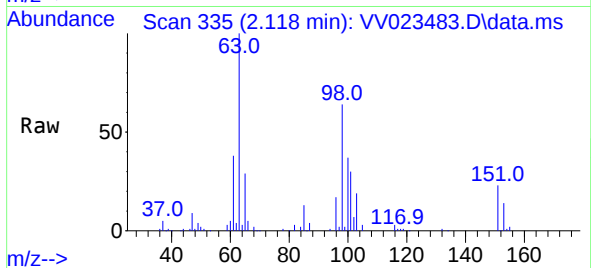




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.072 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV023483.D
 Acq: 15 Nov 2021 15:31

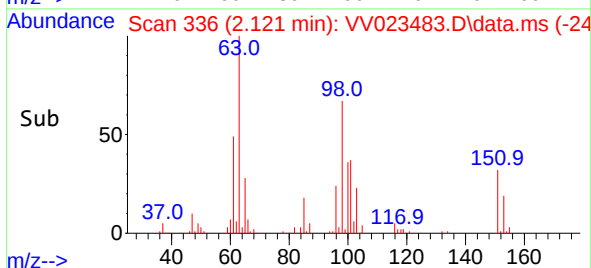
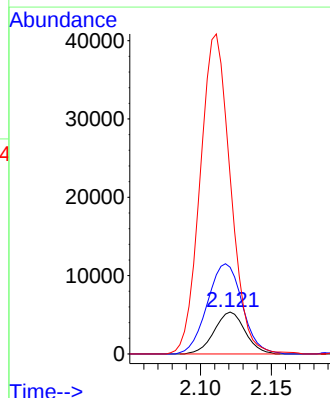
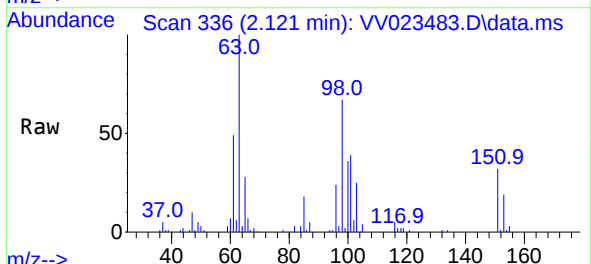
Instrument :
 MSVOA_V
 ClientSampleId :
 BG203

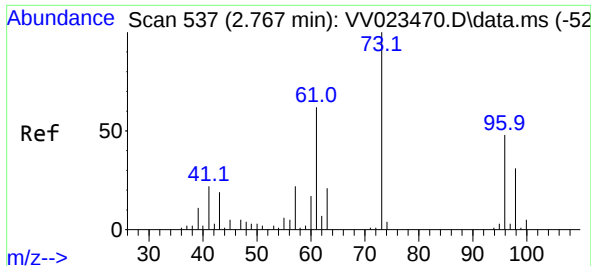
Tgt Ion:101 Resp: 15476
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.3 52.9
 151 76.7 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 1.140 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023483.D
 Acq: 15 Nov 2021 15:31

Tgt Ion: 96 Resp: 8102
 Ion Ratio Lower Upper
 96 100
 61 207.0 121.5 225.7
 63 425.1 99.6 185.0#

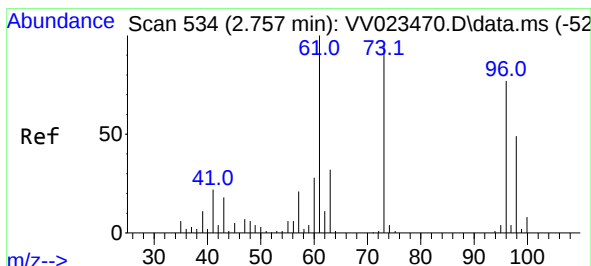
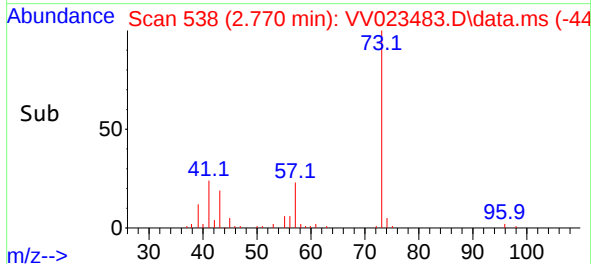
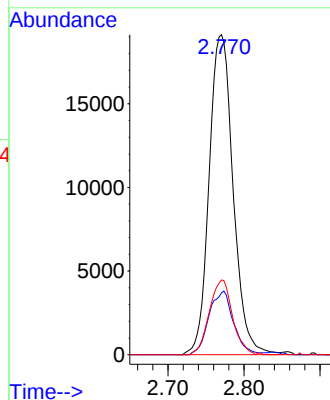
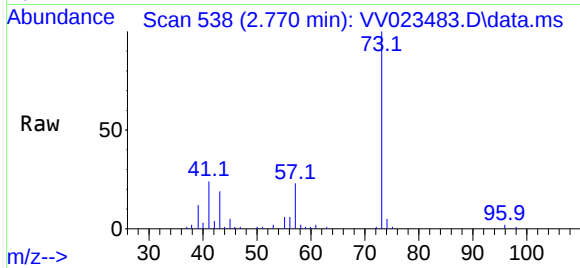




#17
Methyl tert-butyl Ether
Concen: 2.682 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023483.D
Acq: 15 Nov 2021 15:31

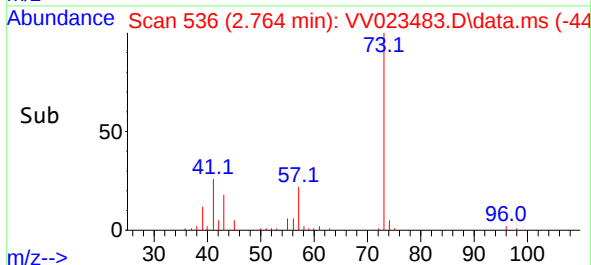
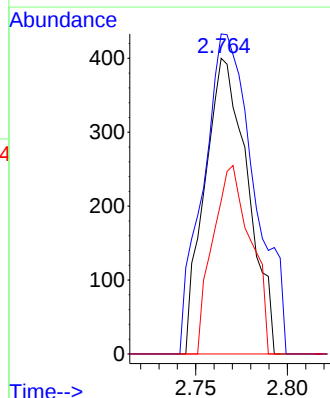
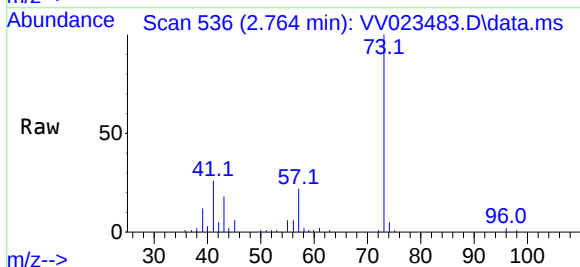
Instrument :
MSVOA_V
ClientSampleId :
BG203

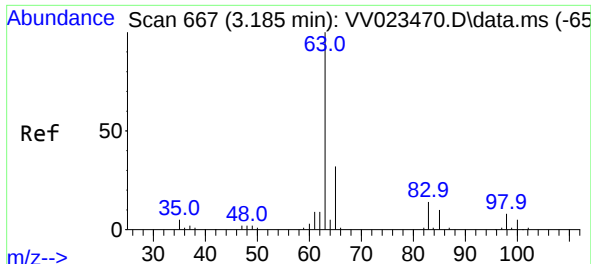
Tgt Ion: 73 Resp: 41982
Ion Ratio Lower Upper
73 100
43 20.3 17.4 26.0
57 22.5 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023483.D
Acq: 15 Nov 2021 15:31

Tgt Ion: 96 Resp: 653
Ion Ratio Lower Upper
96 100
61 108.3 93.2 173.2
98 51.7 47.0 87.2





#19

1,1-Dichloroethane

Concen: 3.927 ug/L

RT: 3.192 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV023483.D

Acq: 15 Nov 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

BG203

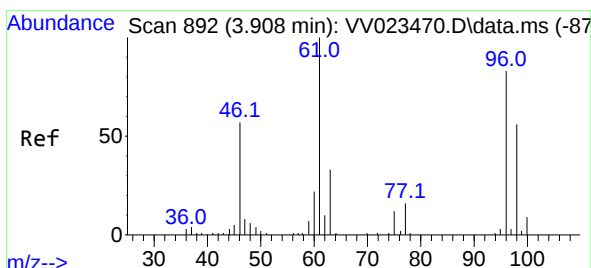
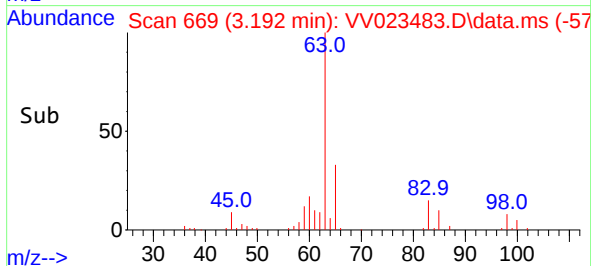
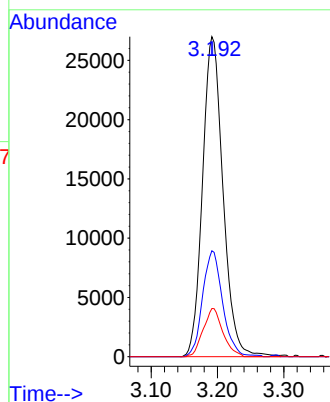
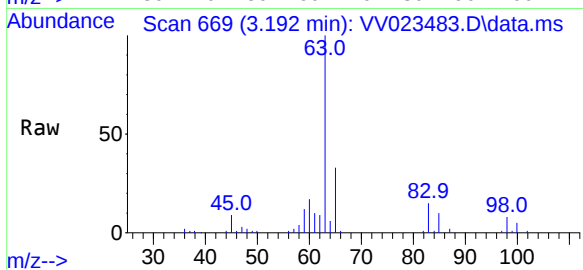
Tgt Ion: 63 Resp: 57954

Ion Ratio Lower Upper

63 100

65 33.1 22.6 42.0

83 15.0 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 0.922 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.013 min

Lab File: VV023483.D

Acq: 15 Nov 2021 15:31

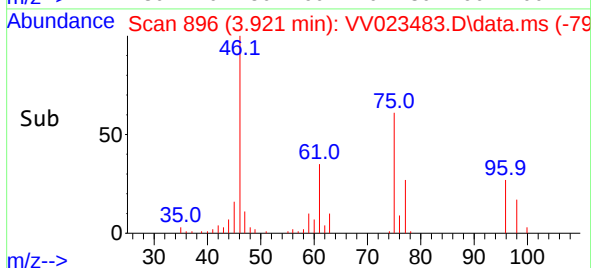
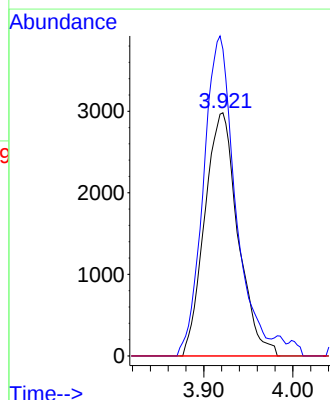
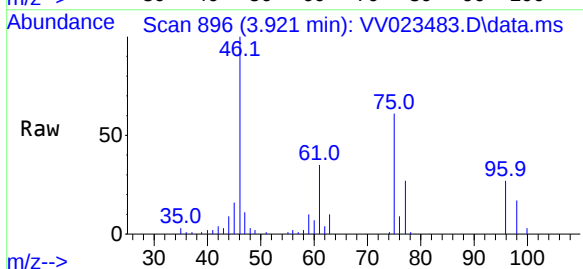
Tgt Ion: 96 Resp: 7757

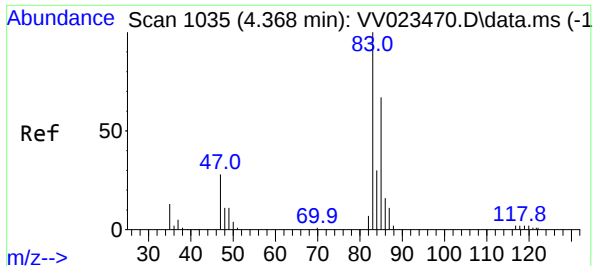
Ion Ratio Lower Upper

96 100

61 126.1 92.3 171.3

68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.401 ug/L

RT: 4.375 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV023483.D

Acq: 15 Nov 2021 15:31

Instrument :

MSVOA_V

ClientSampleId :

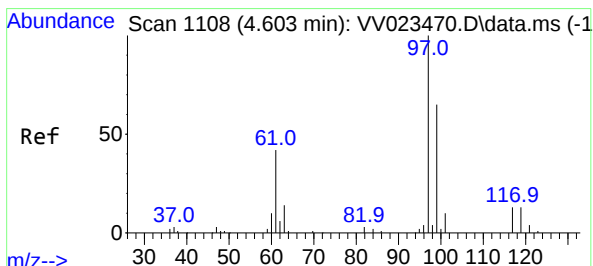
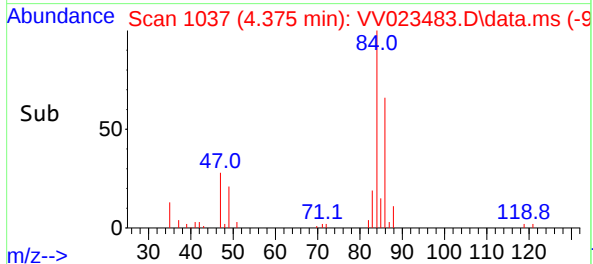
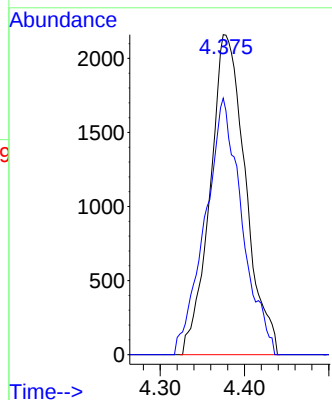
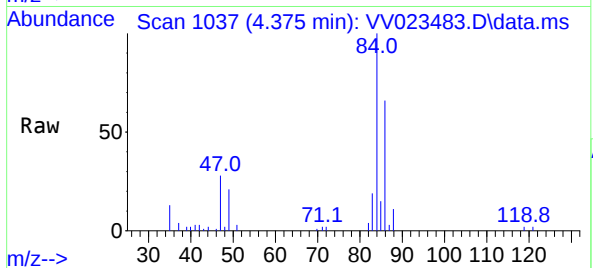
BG203

Tgt Ion: 83 Resp: 6302

Ion Ratio Lower Upper

83 100

85 80.1 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 0.302 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.007 min

Lab File: VV023483.D

Acq: 15 Nov 2021 15:31

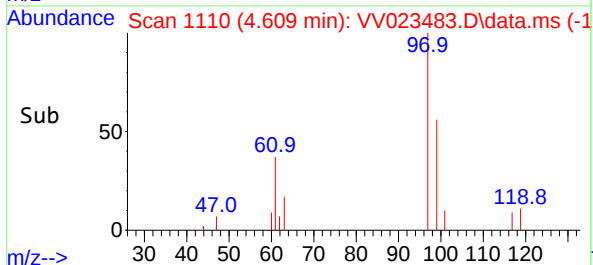
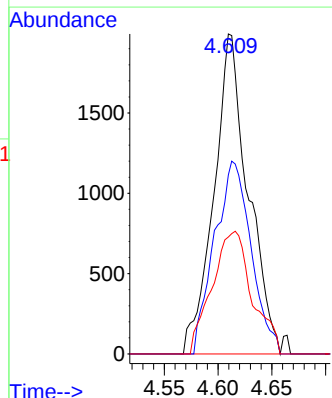
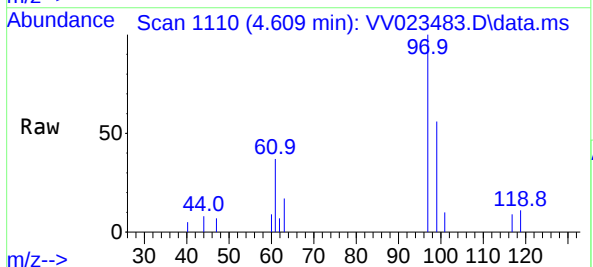
Tgt Ion: 97 Resp: 4416

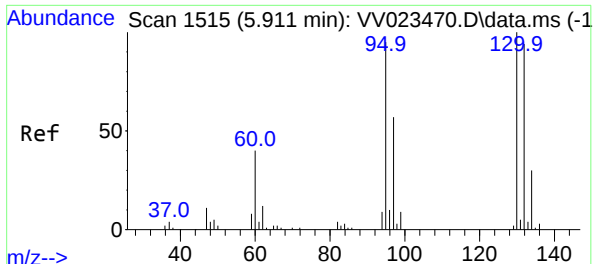
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 44.9 34.1 51.1



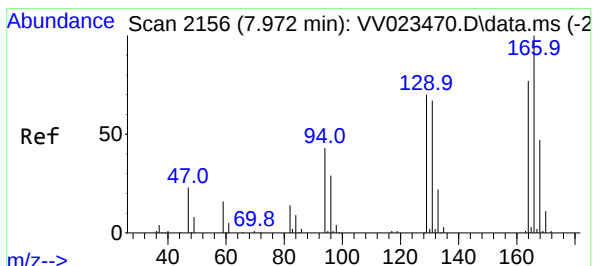
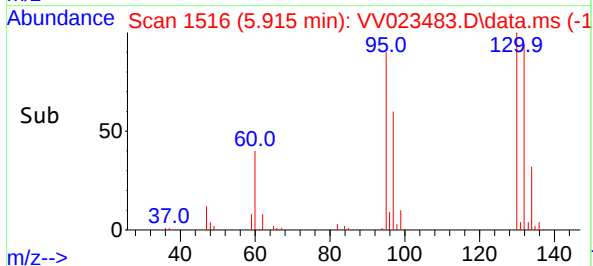
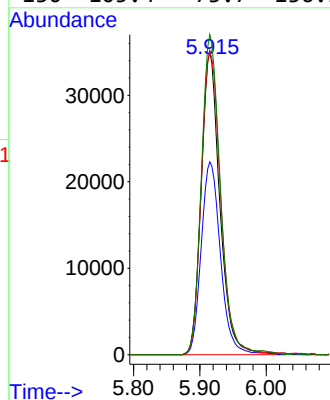
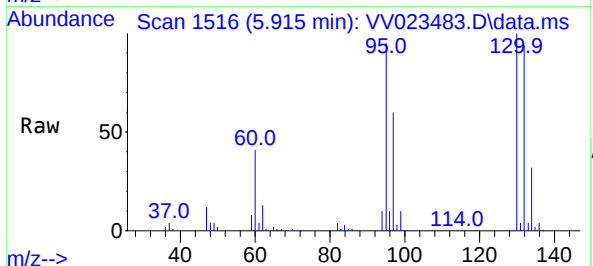


#34
Trichloroethene
Concen: 7.656 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023483.D
Acq: 15 Nov 2021 15:31

Instrument :
MSVOA_V
ClientSampleId :
BG203

Tgt Ion: 95 Resp: 68511

Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.0	83.6
132	99.5	69.7	129.4
130	105.4	73.7	136.9



#47
Tetrachloroethene
Concen: 1.114 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV023483.D
Acq: 15 Nov 2021 15:31

Tgt Ion: 164 Resp: 8642

Ion	Ratio	Lower	Upper
164	100		
129	90.9	64.0	119.0
131	83.2	63.4	117.8
166	124.4	89.3	165.9

