

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023490.D
 Acq On : 15 Nov 2021 18:18
 Operator : SY/MD
 Sample : M4617-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG224

Quant Time: Nov 16 00:34:40 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)

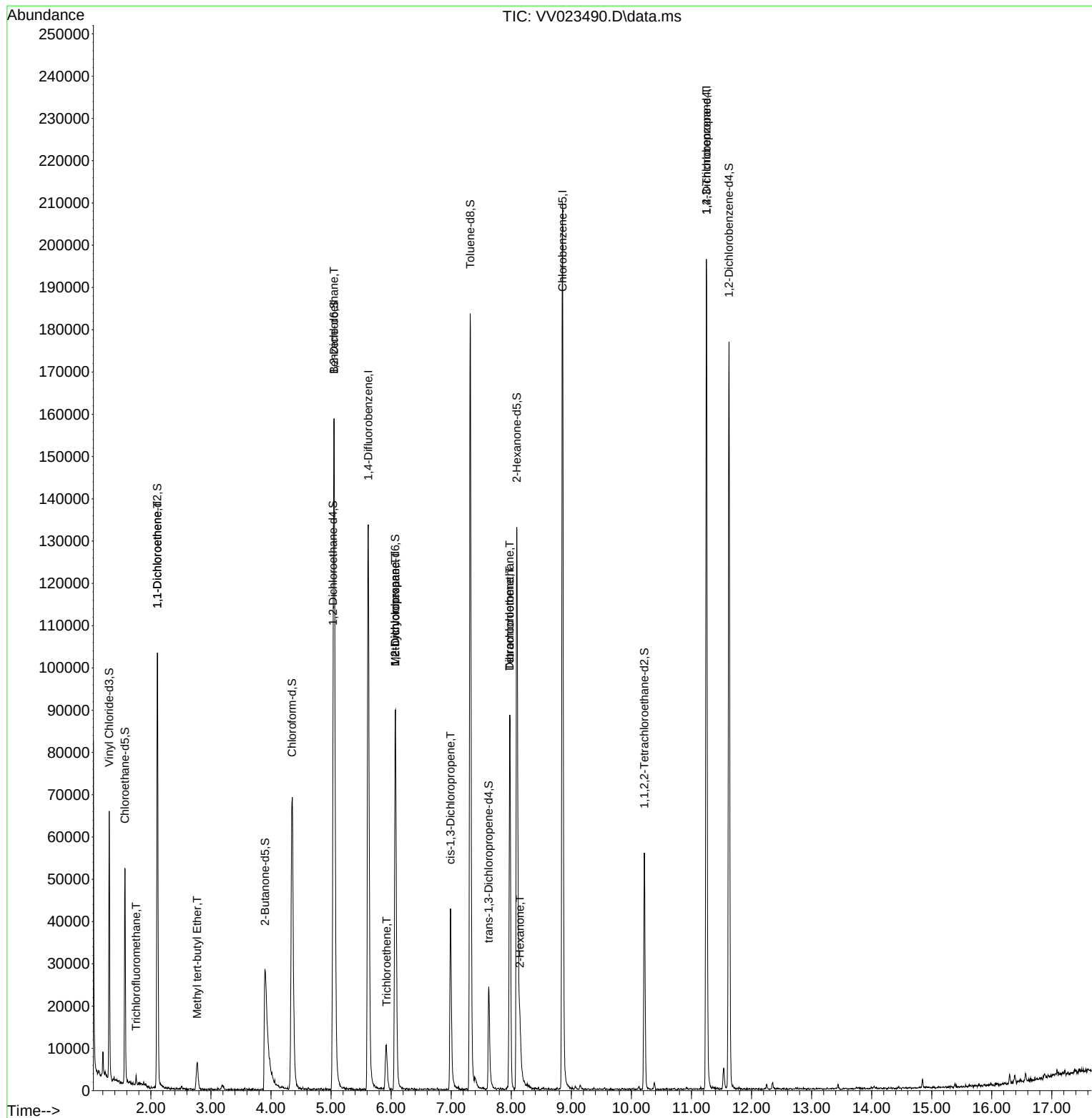
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120399	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54113	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39554	5.244	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.800%
7) Chloroethane-d5	1.568	69	31743	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.108	63	52779	3.738	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.902	46	67843	52.209	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.420%
24) Chloroform-d	4.349	84	72439	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.034	65	35412	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.050	84	142717	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.069	67	42286	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.317	98	123219	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.625	79	15235	4.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.092	63	43800	34.245	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.500%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25668	3.893	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	46114	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	989	0.066	ug/L #	82
12) 1,1-Dichloroethene	2.108	96	541	0.075	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	6295	0.398	ug/L	96
27) 1,2-Dichloroethane	5.050	62	668	0.079	ug/L #	72
34) Trichloroethene	5.924	95	3070	0.340	ug/L	78
35) Methylcyclohexane	6.069	83	10894	0.765	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	5064	0.639	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1236	0.109	ug/L #	64
47) Tetrachloroethene	7.976	164	20382	2.607	ug/L	98
48) 2-Hexanone	8.143	43	7382	2.868	ug/L #	97
49) Dibromochloromethane	7.976	129	18627	2.583	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5658	1.574	ug/L #	63

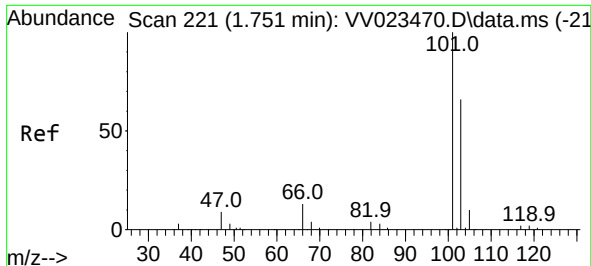
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023490.D
Acq On : 15 Nov 2021 18:18
Operator : SY/MD
Sample : M4617-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG224

Quant Time: Nov 16 00:34:40 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

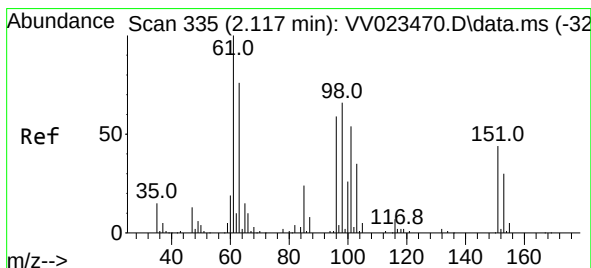
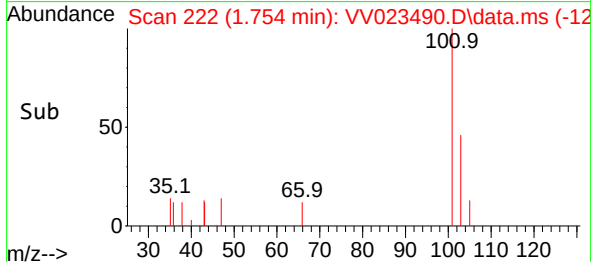
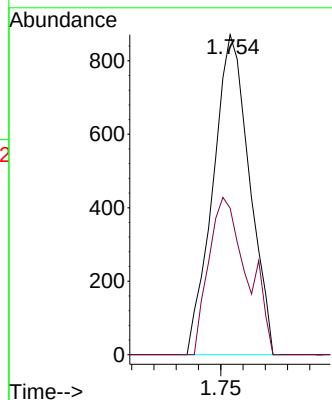
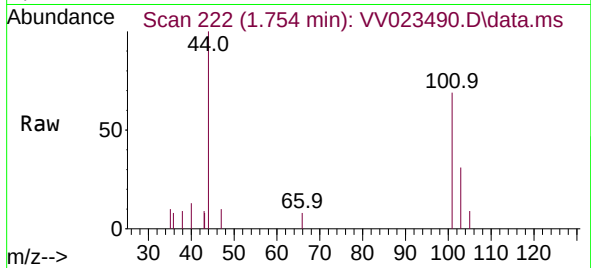




#9
Trichlorofluoromethane
Concen: 0.066 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

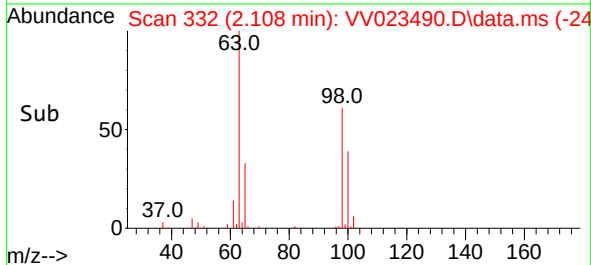
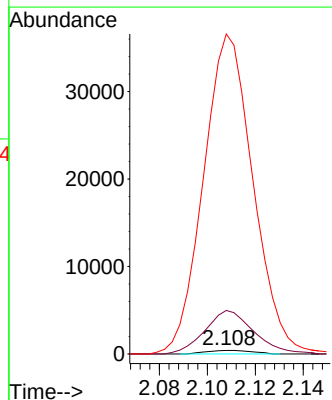
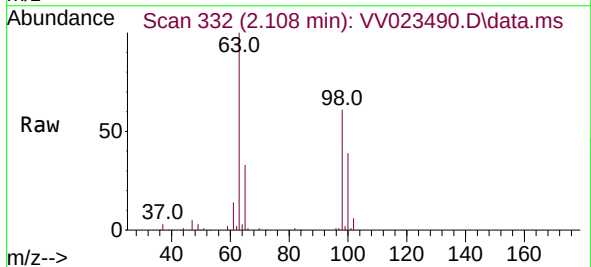
Instrument :
MSVOA_V
ClientSampleId :
BG224

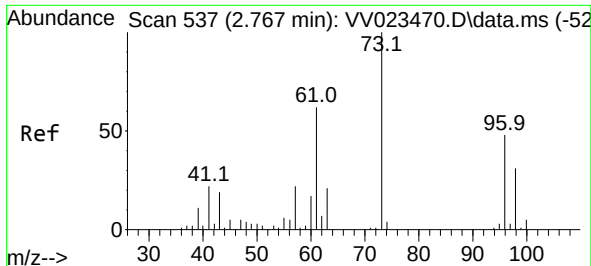
Tgt Ion:101 Resp: 989
Ion Ratio Lower Upper
101 100
103 51.8 52.6 79.0#



#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.010 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

Tgt Ion: 96 Resp: 541
Ion Ratio Lower Upper
96 100
61 1217.8 121.5 225.7#
63 8944.7 99.6 185.0#

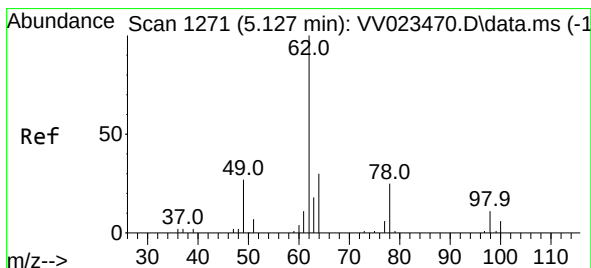
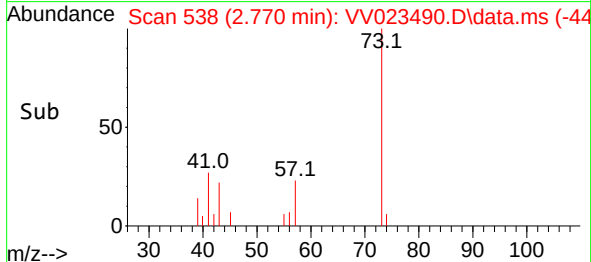
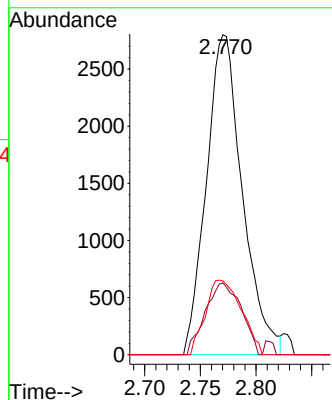
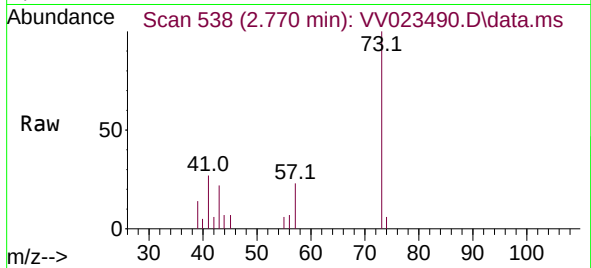




#17
Methyl tert-butyl Ether
Concen: 0.398 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

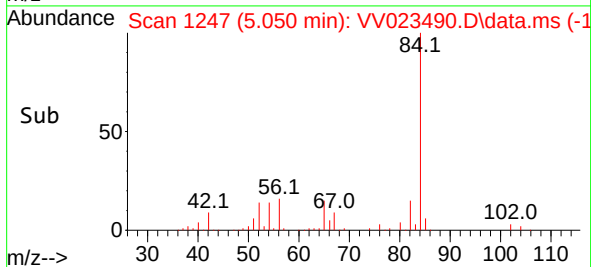
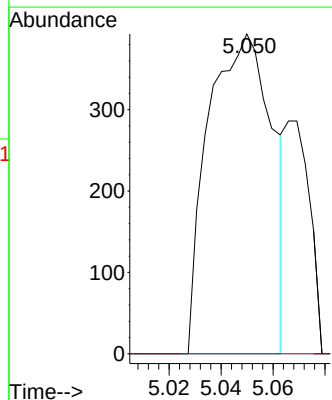
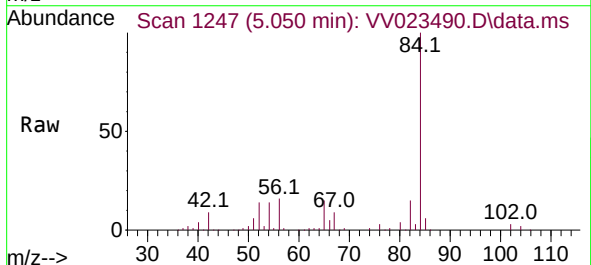
Instrument :
MSVOA_V
ClientSampleId :
BG224

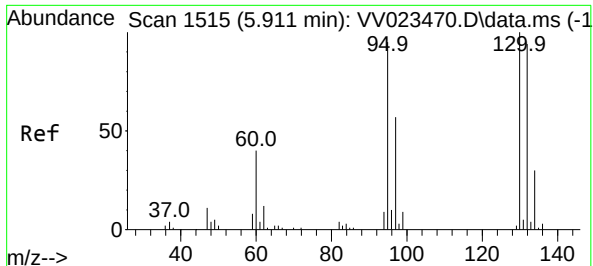
Tgt Ion: 73 Resp: 6295
Ion Ratio Lower Upper
73 100
43 22.5 17.4 26.0
57 23.2 16.5 24.7



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

Tgt Ion: 62 Resp: 668
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



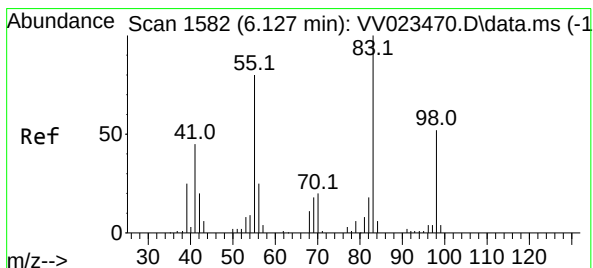
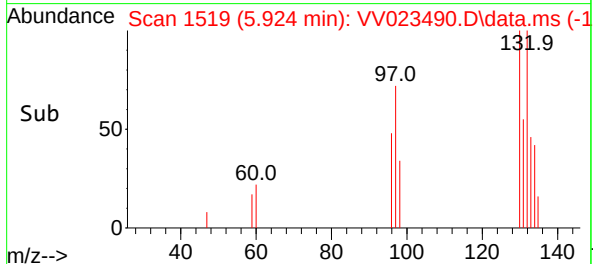
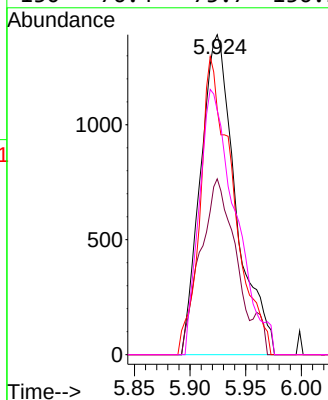
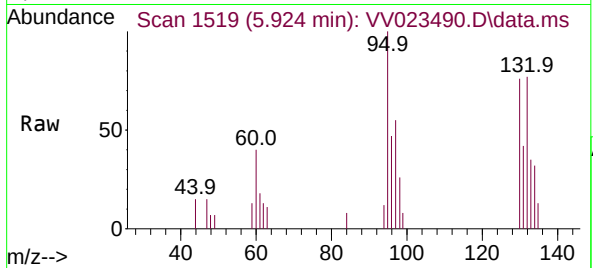


#34
Trichloroethene
Concen: 0.340 ug/L
RT: 5.924 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

Instrument :
MSVOA_V
ClientSampleId :
BG224

Tgt Ion: 95 Resp: 3070

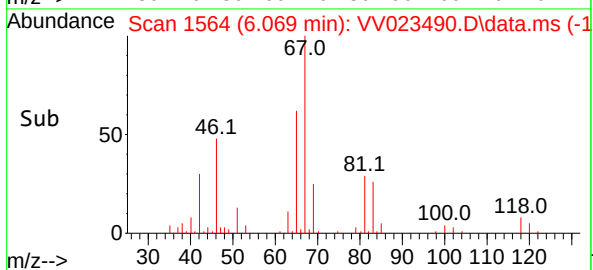
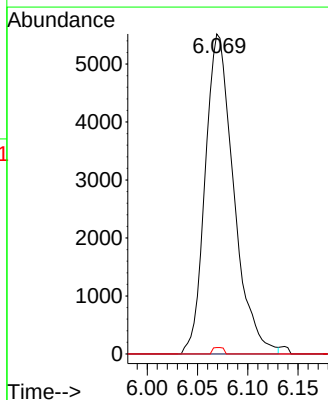
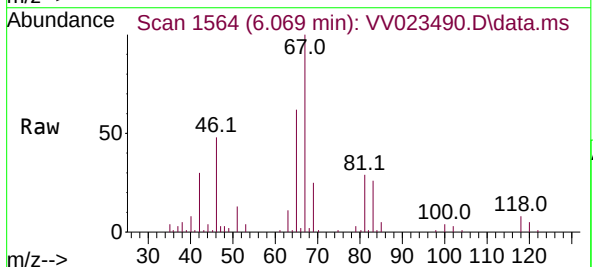
Ion	Ratio	Lower	Upper
95	100		
97	55.0	45.0	83.6
132	76.7	69.7	129.4
130	76.4	73.7	136.9

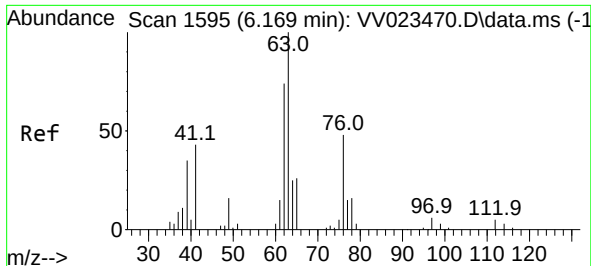


#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

Tgt Ion: 83 Resp: 10894

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	0.8	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV023490.D

Acq: 15 Nov 2021 18:18

Instrument :

MSVOA_V

ClientSampleId :

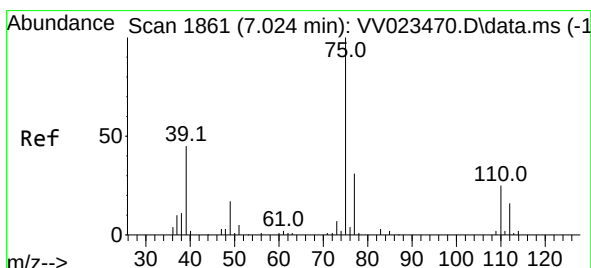
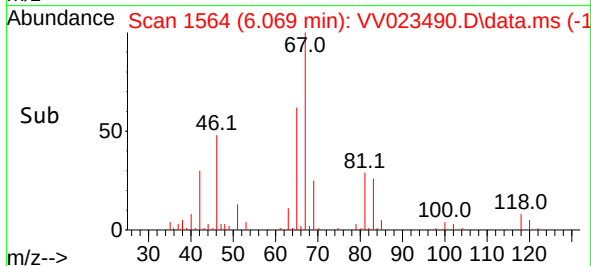
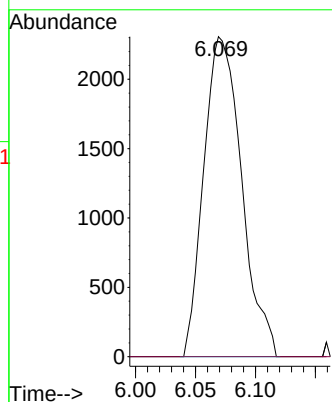
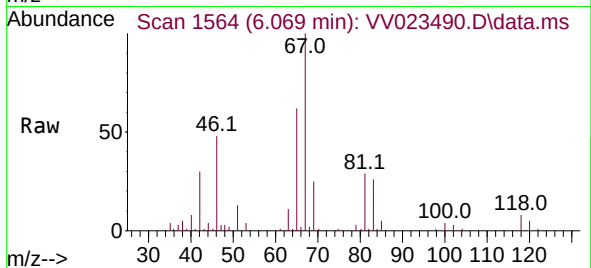
BG224

Tgt Ion: 63 Resp: 5064

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV023490.D

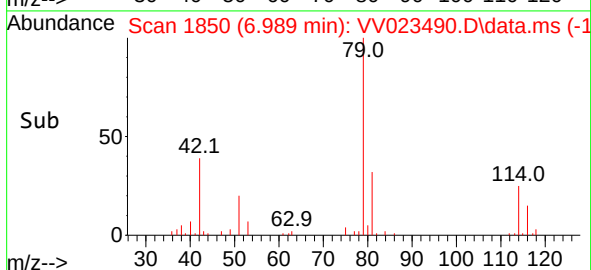
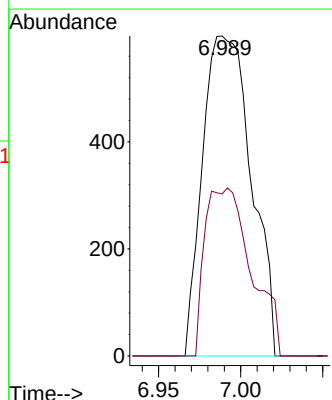
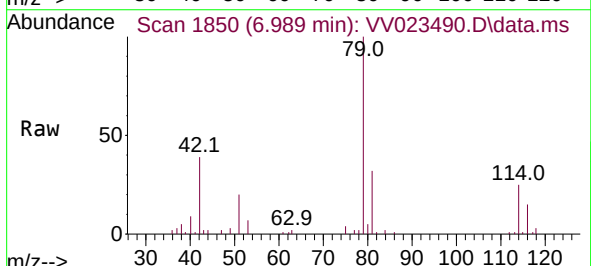
Acq: 15 Nov 2021 18:18

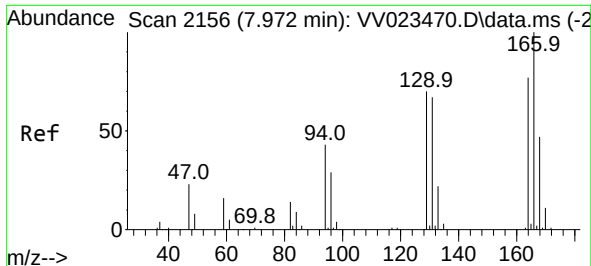
Tgt Ion: 75 Resp: 1236

Ion Ratio Lower Upper

75 100

77 50.7 21.6 40.2#

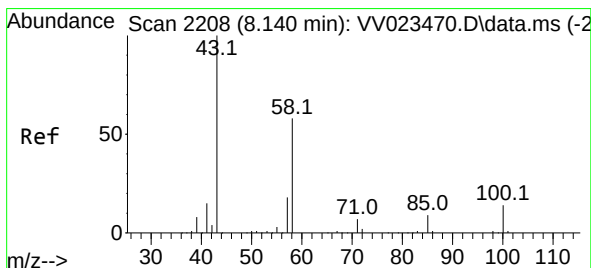
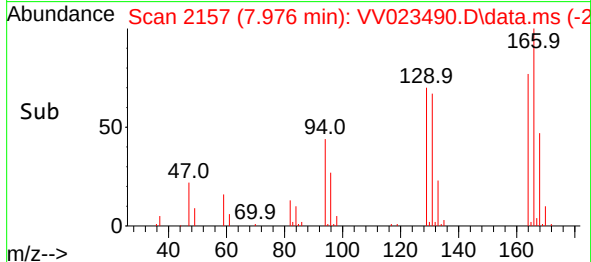
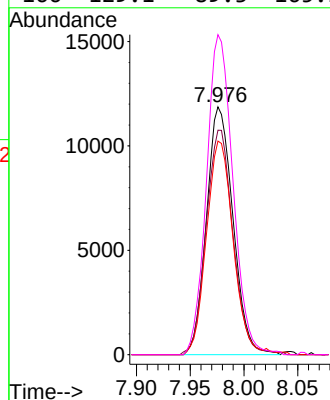
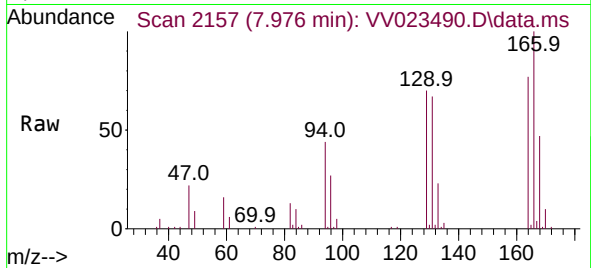




#47
Tetrachloroethene
Concen: 2.607 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

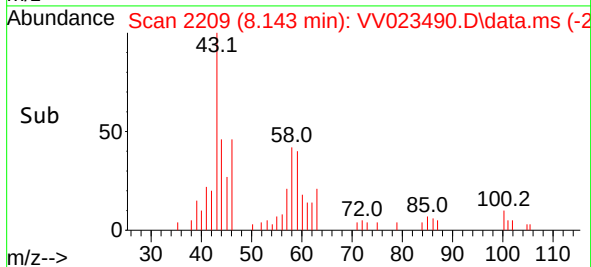
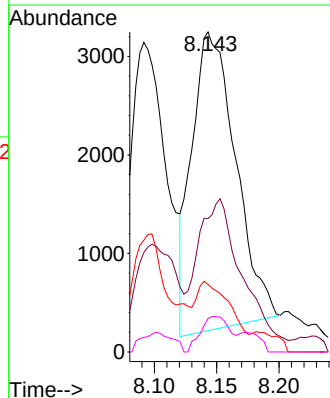
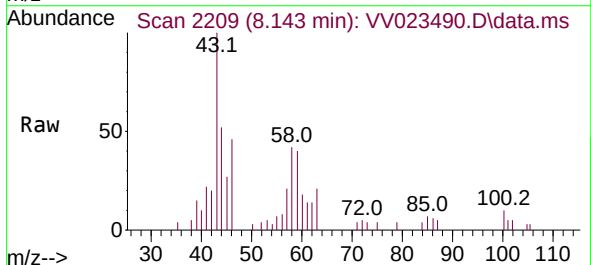
Instrument :
MSVOA_V
ClientSampleId :
BG224

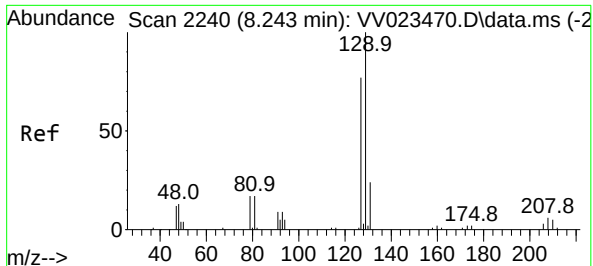
Tgt Ion:164	Resp:	20382
Ion	Ratio	Lower Upper
164	100	
129	90.6	64.0 119.0
131	86.2	63.4 117.8
166	129.1	89.3 165.9



#48
2-Hexanone
Concen: 2.868 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV023490.D
Acq: 15 Nov 2021 18:18

Tgt Ion: 43	Resp:	7382
Ion	Ratio	Lower Upper
43	100	
58	53.7	43.7 65.5
57	18.9	14.1 21.1
100	7.9	10.2 15.2





#49

Dibromochloromethane

Concen: 2.583 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023490.D

Acq: 15 Nov 2021 18:18

Instrument :

MSVOA_V

ClientSampleId :

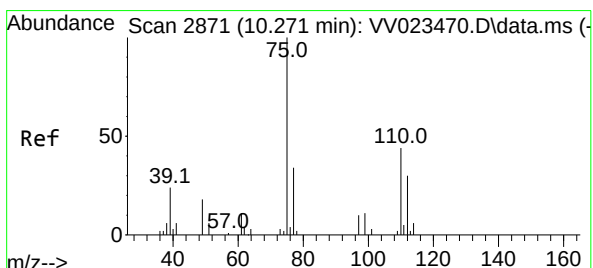
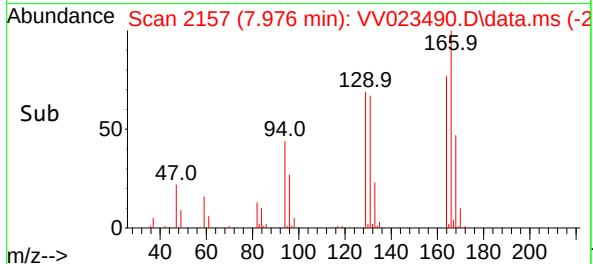
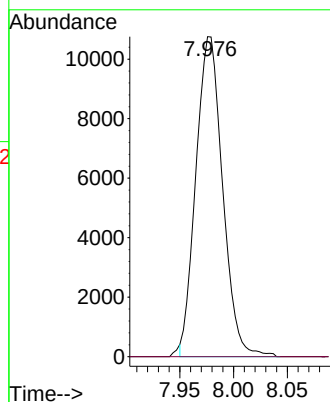
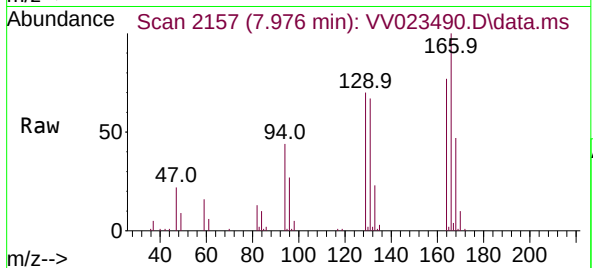
BG224

Tgt Ion:129 Resp: 18627

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.574 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV023490.D

Acq: 15 Nov 2021 18:18

Tgt Ion: 75 Resp: 5658

Ion Ratio Lower Upper

75 100

77 30.8 26.6 39.8

110 0.0 31.8 47.6#

