

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023492.D
 Acq On : 15 Nov 2021 19:06
 Operator : SY/MD
 Sample : M4617-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG226

Quant Time: Nov 16 00:35:07 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)

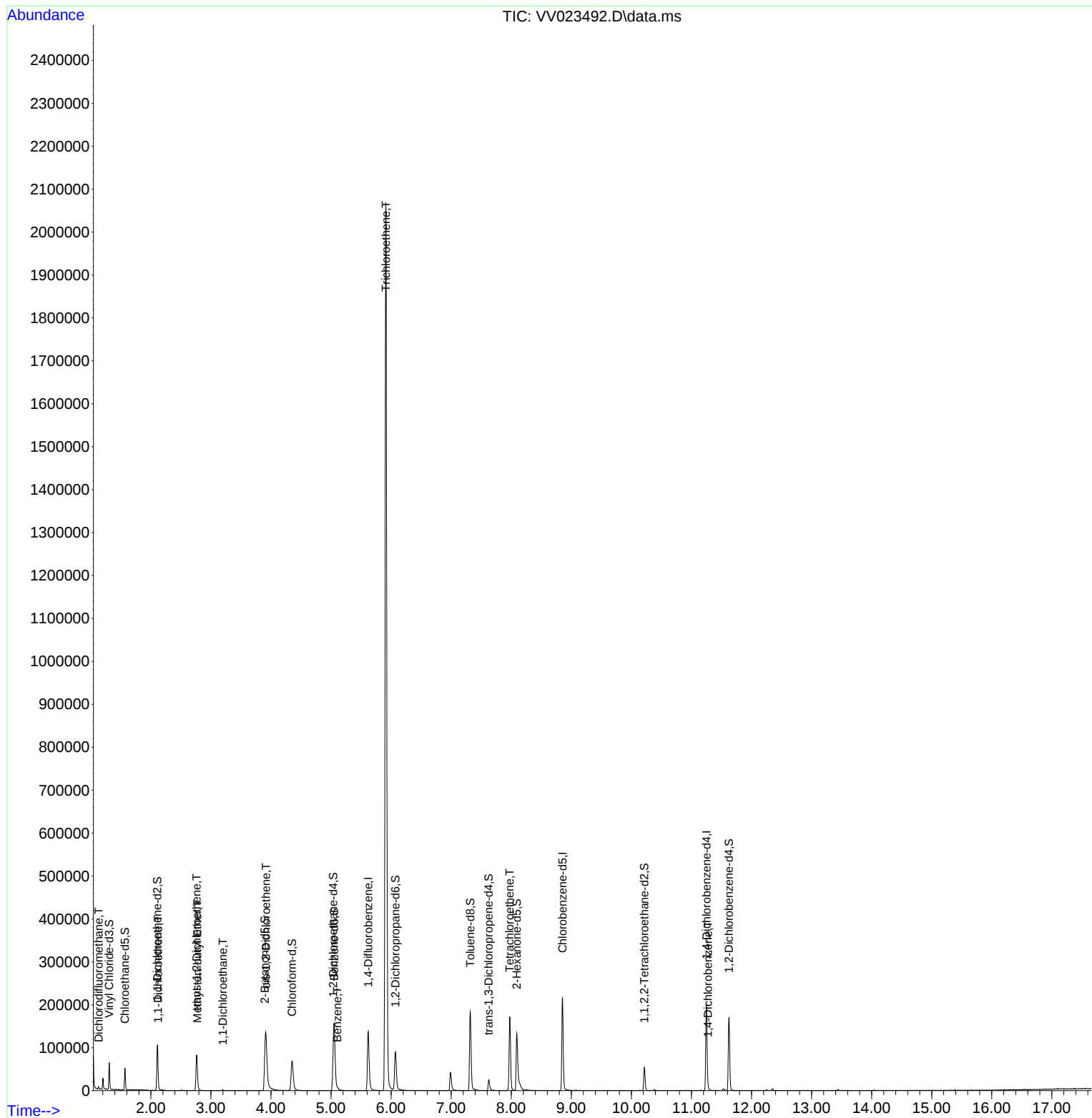
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	122730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39642	5.156	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	103.200%	
7) Chloroethane-d5	1.568	69	31462	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.108	63	54327	3.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.400%	
20) 2-Butanone-d5	3.899	46	67646	51.069	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.140%	
24) Chloroform-d	4.349	84	72603	4.431	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
26) 1,2-Dichloroethane-d4	5.037	65	35374	4.801	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.053	84	140689	4.521	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.400%	
36) 1,2-Dichloropropane-d6	6.072	67	43376	4.735	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.317	98	123555	4.237	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15622	4.497	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.000%	
46) 2-Hexanone-d5	8.091	63	43656	34.160	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.320%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25220	3.828	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	76.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	45545	4.973	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	2764	0.231	ug/L	98
12) 1,1-Dichloroethene	2.121	96	1552	0.212	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	1902	0.118	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	31190	3.467	ug/L	97
19) 1,1-Dichloroethane	3.198	63	1418	0.093	ug/L #	85
22) cis-1,2-Dichloroethene	3.915	96	64270	7.423	ug/L #	91
33) Benzene	5.101	78	3062	0.090	ug/L	100
34) Trichloroethene	5.912	95	680057	75.439	ug/L	97
47) Tetrachloroethene	7.976	164	39265	5.026	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	1206	0.073	ug/L	87

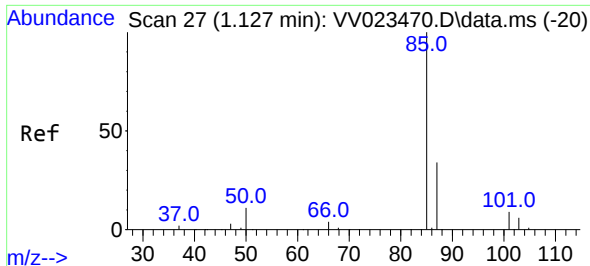
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023492.D
Acq On : 15 Nov 2021 19:06
Operator : SY/MD
Sample : M4617-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG226

Quant Time: Nov 16 00:35:07 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

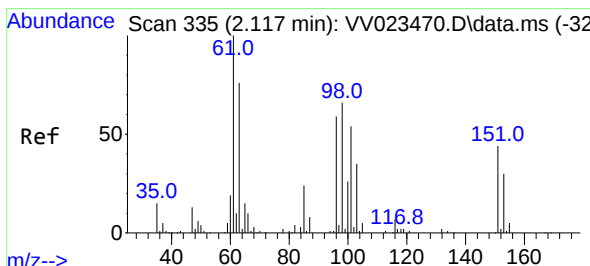
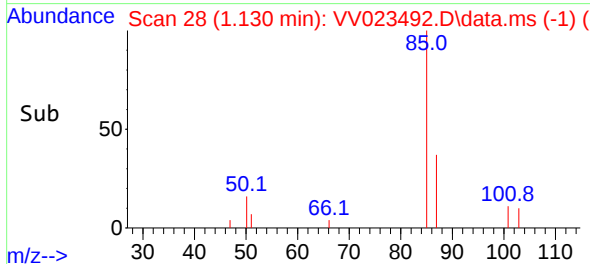
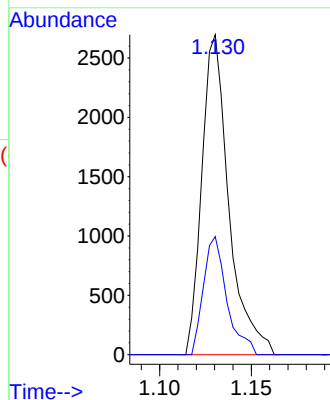
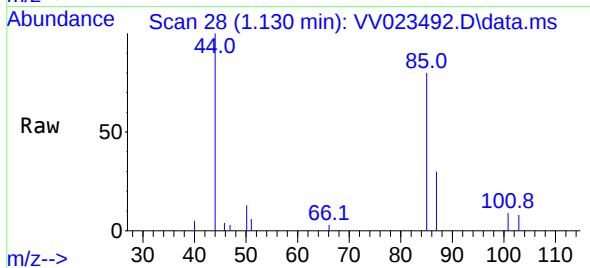




#2
Dichlorodifluoromethane
Concen: 0.231 ug/L
RT: 1.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

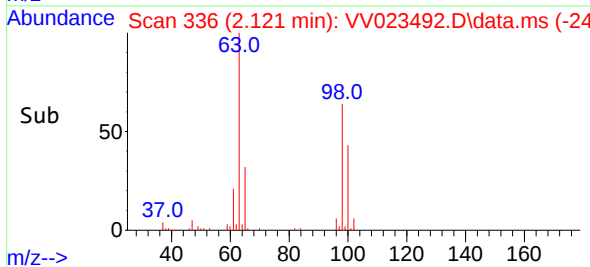
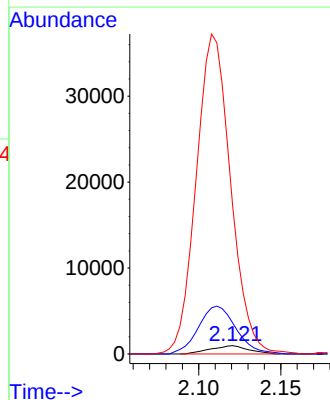
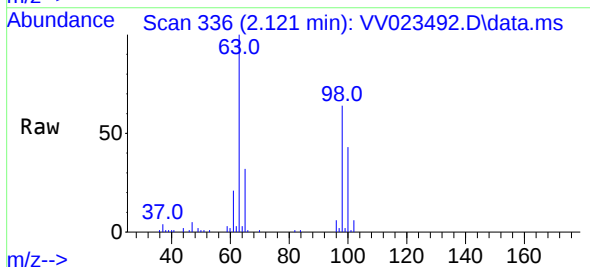
Instrument :
MSVOA_V
ClientSampleId :
BG226

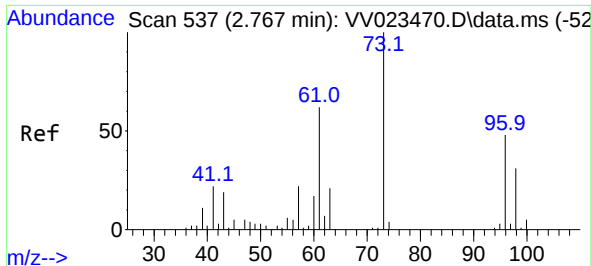
Tgt Ion: 85 Resp: 2764
Ion Ratio Lower Upper
85 100
87 32.0 26.6 39.8



#12
1,1-Dichloroethene
Concen: 0.212 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Tgt Ion: 96 Resp: 1552
Ion Ratio Lower Upper
96 100
61 372.8 121.5 225.7#
63 1774.0 99.6 185.0#





#17

Methyl tert-butyl Ether

Concen: 0.118 ug/L

RT: 2.773 min Scan# 51

Delta R.T. 0.006 min

Lab File: VV023492.D

Acq: 15 Nov 2021 19:06

Instrument :

MSVOA_V

ClientSampleId :

BG226

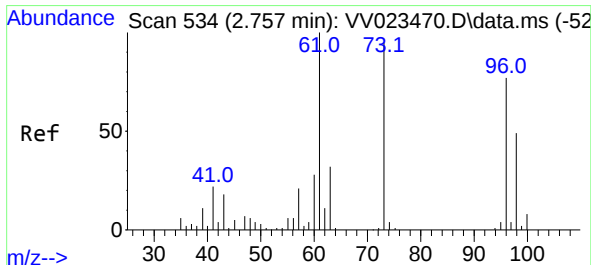
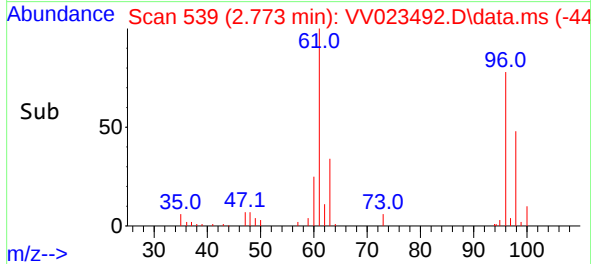
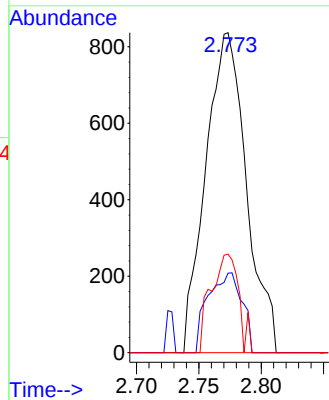
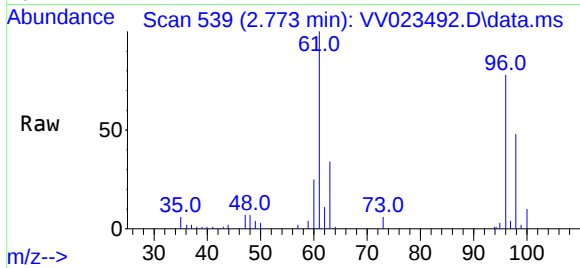
Tgt Ion: 73 Resp: 1902

Ion Ratio Lower Upper

73 100

43 20.8 17.4 26.0

57 21.1 16.5 24.7



#18

trans-1,2-Dichloroethene

Concen: 3.467 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV023492.D

Acq: 15 Nov 2021 19:06

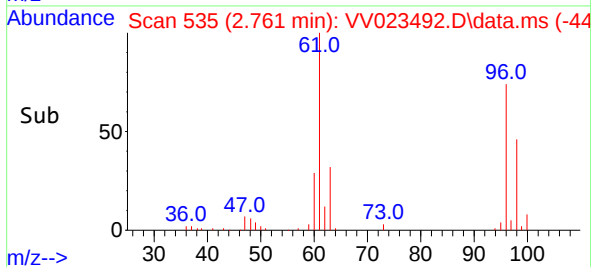
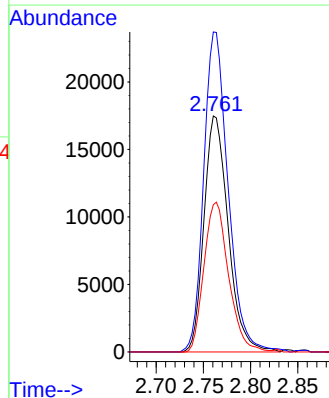
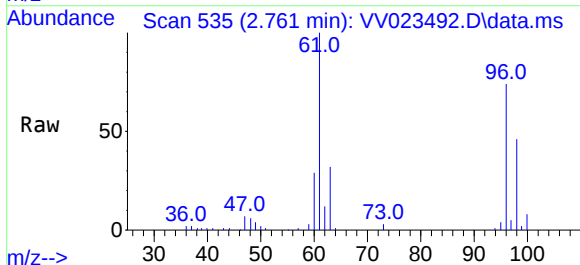
Tgt Ion: 96 Resp: 31190

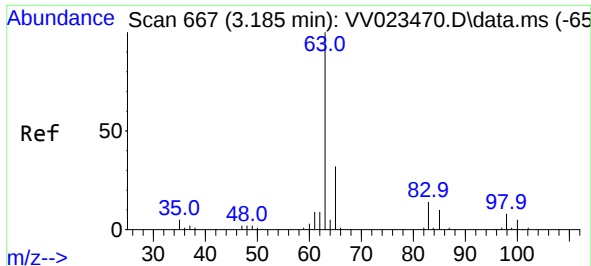
Ion Ratio Lower Upper

96 100

61 135.5 93.2 173.2

98 62.3 47.0 87.2

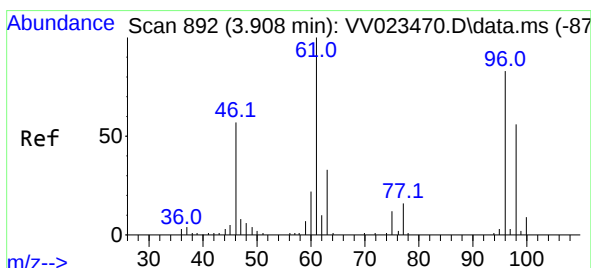
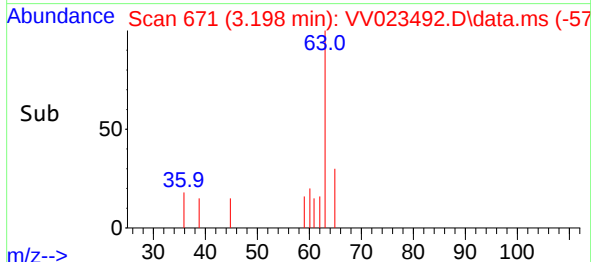
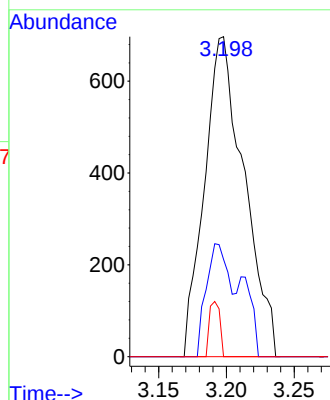
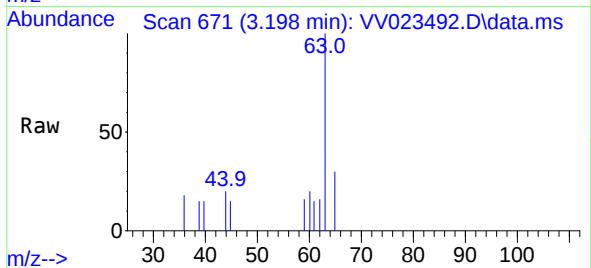




#19
1,1-Dichloroethane
Concen: 0.093 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

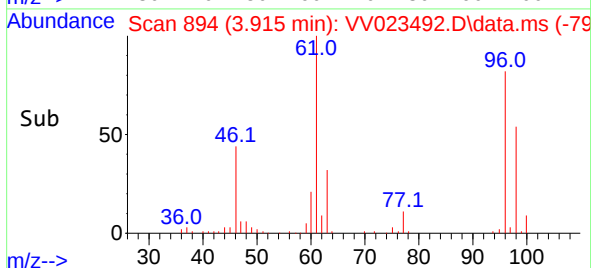
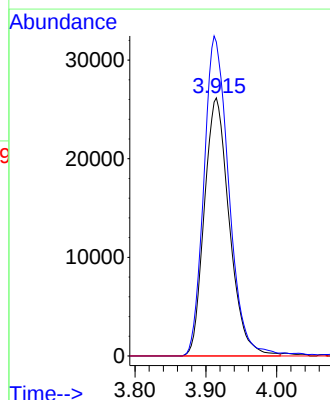
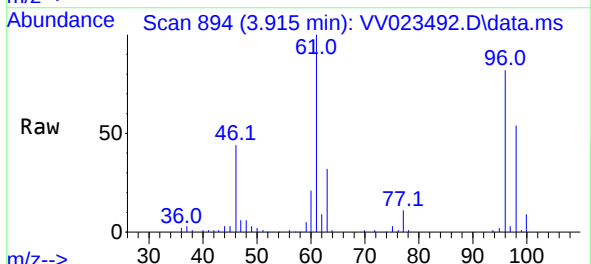
Instrument :
MSVOA_V
ClientSampleId :
BG226

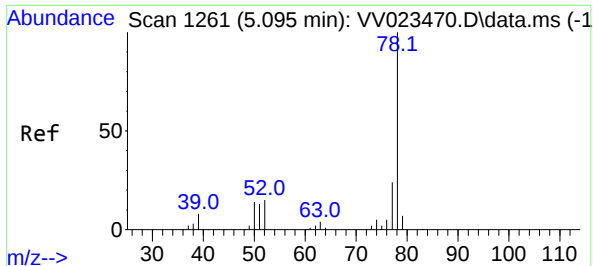
Tgt Ion: 63 Resp: 1418
Ion Ratio Lower Upper
63 100
65 30.4 22.6 42.0
83 0.0 11.1 20.7#



#22
cis-1,2-Dichloroethene
Concen: 7.423 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Tgt Ion: 96 Resp: 64270
Ion Ratio Lower Upper
96 100
61 121.7 92.3 171.3
68 0.0 0.4 0.8#

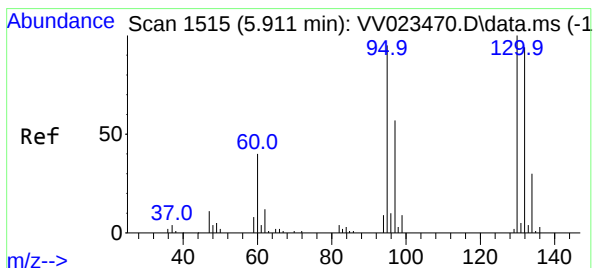
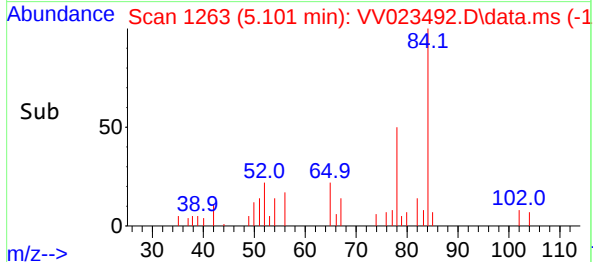
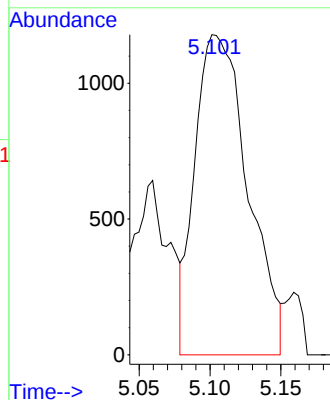
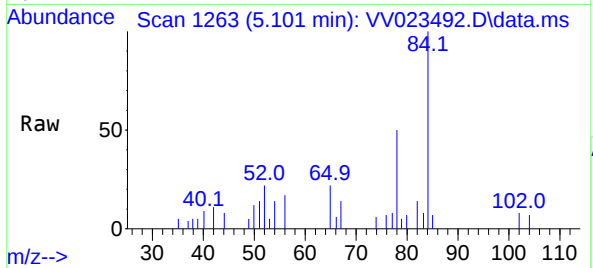




#33
Benzene
Concen: 0.090 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Instrument : MSVOA_V
ClientSampleId : BG226

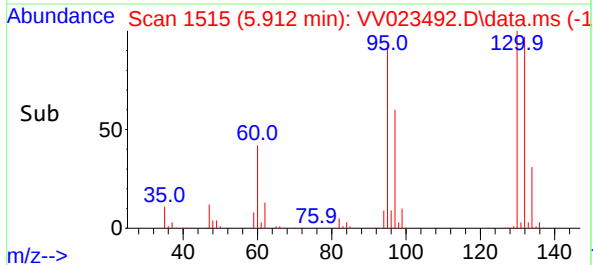
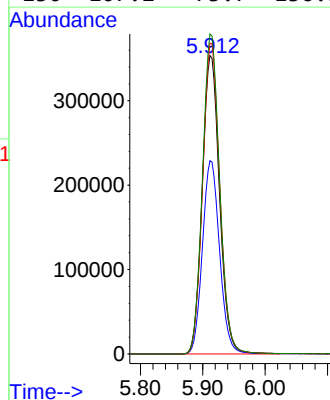
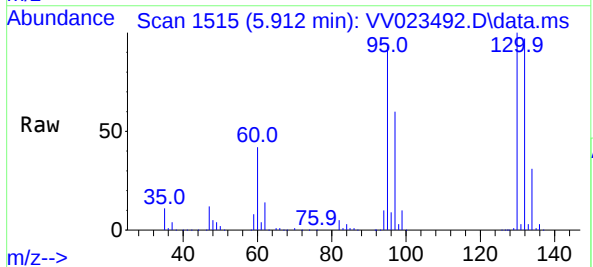
Tgt Ion: 78 Resp: 3062

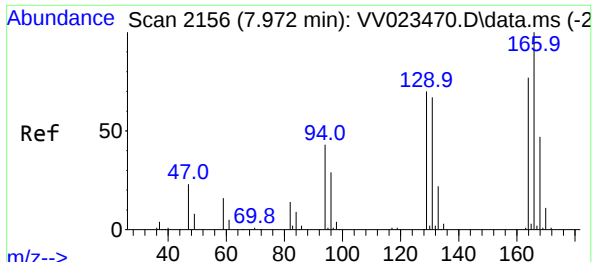


#34
Trichloroethene
Concen: 75.439 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Tgt Ion: 95 Resp: 680057

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.0	83.6
132	104.1	69.7	129.4
130	107.2	73.7	136.9



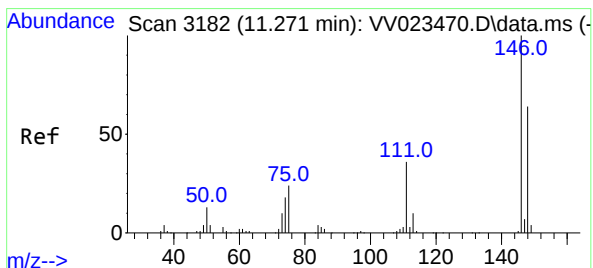
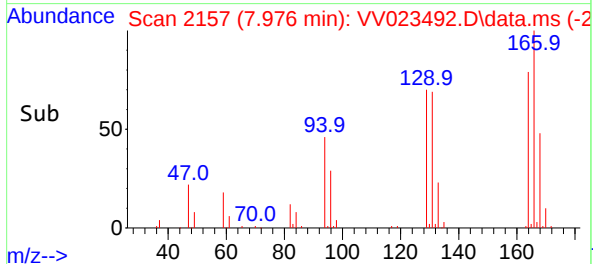
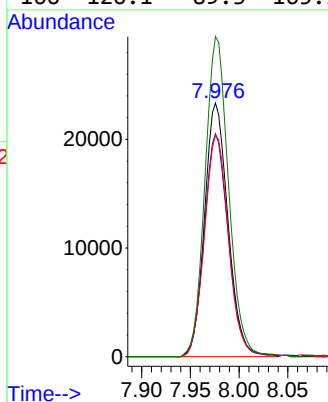
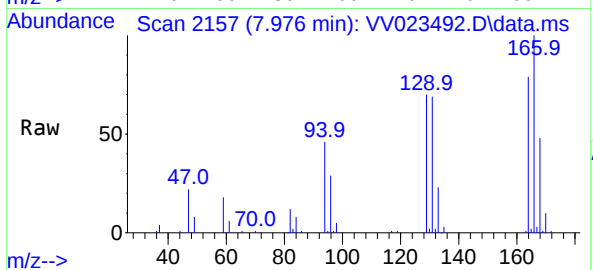


#47
Tetrachloroethene
Concen: 5.026 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Instrument :
MSVOA_V
ClientSampleId :
BG226

Tgt Ion:164 Resp: 39265

Ion	Ratio	Lower	Upper
164	100		
129	87.8	64.0	119.0
131	87.3	63.4	117.8
166	126.1	89.3	165.9



#65
1,4-Dichlorobenzene
Concen: 0.073 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023492.D
Acq: 15 Nov 2021 19:06

Tgt Ion:146 Resp: 1206

Ion	Ratio	Lower	Upper
146	100		
111	34.9	26.2	48.8
148	78.2	44.4	82.5

