

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
 Data File : VV022631.D
 Acq On : 06 Oct 2021 17:49
 Operator : SY/MD
 Sample : M4051-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 06:18:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 07 06:15:29 2021
 Response via : Initial Calibration

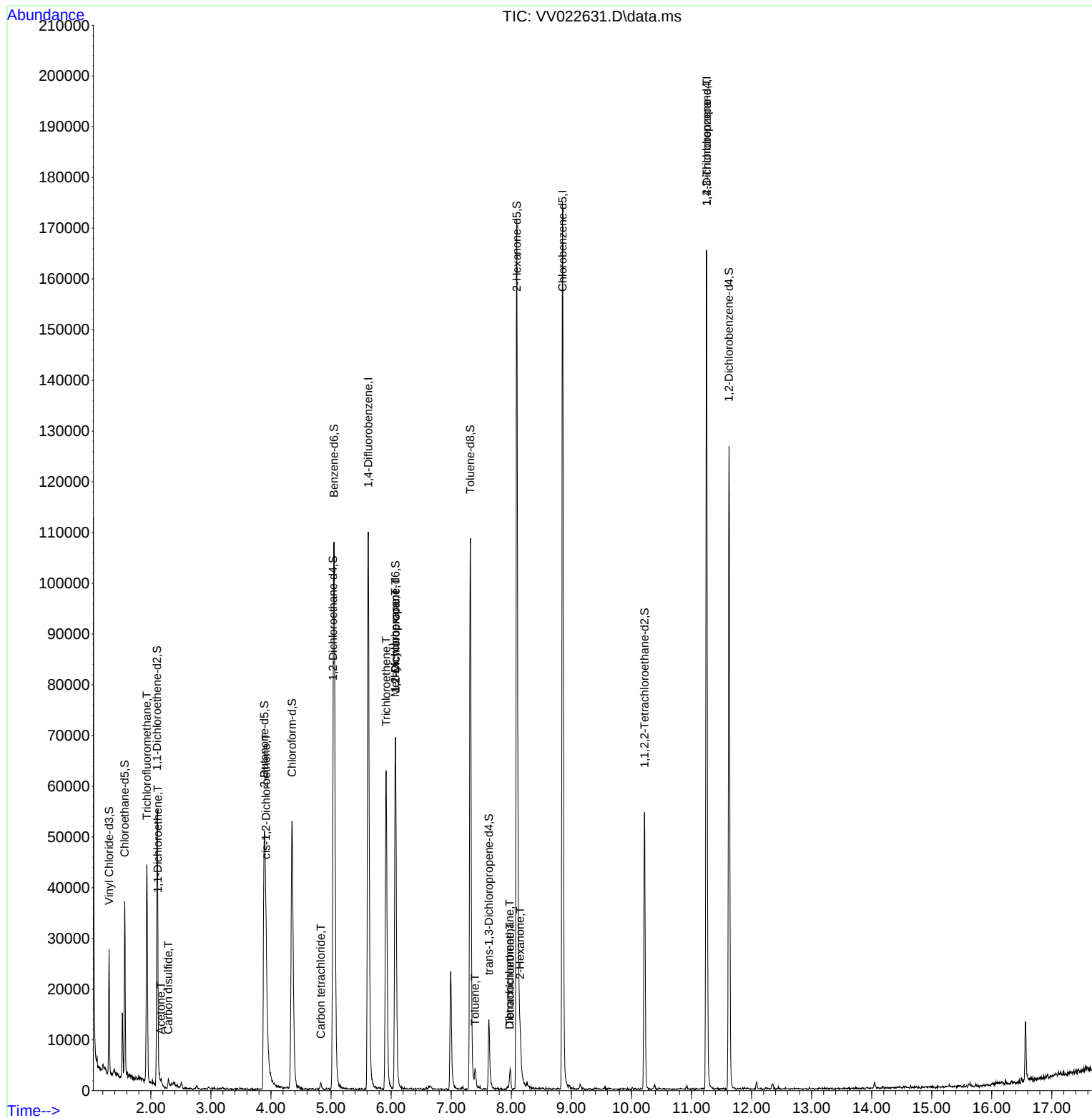
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100549	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99280	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	14000	4.346	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.565	69	21125	4.865	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.105	63	27720	2.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.400%#
20) 2-Butanone-d5	3.889	46	84000	44.110	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.220%
24) Chloroform-d	4.349	84	53200	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.034	65	27944	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	96030	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.072	67	34366	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.320	98	73565	3.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.629	79	8469	4.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	55532	42.936	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.880%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	26225	4.373	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	34027	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.934	101	2137	0.185	ug/L	85
12) 1,1-Dichloroethene	2.118	96	585	0.095	ug/L #	1
13) Acetone	2.169	43	1247	1.218	ug/L #	16
14) Carbon disulfide	2.291	76	1634	0.091	ug/L #	82
22) cis-1,2-Dichloroethene	3.915	96	6498	0.892	ug/L	94
31) Carbon tetrachloride	4.828	117	847	0.084	ug/L	98
34) Trichloroethene	5.918	95	21030	2.705	ug/L	99
35) Methylcyclohexane	6.069	83	8602	0.790	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	3883	0.594	ug/L #	84
42) Toluene	7.400	91	3023	0.108	ug/L	99
47) Tetrachloroethene	7.979	164	930	0.154	ug/L	89
48) 2-Hexanone	8.146	43	6527	2.523	ug/L #	78
49) Dibromochloromethane	7.976	129	951	0.165	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	4846	1.415	ug/L #	62

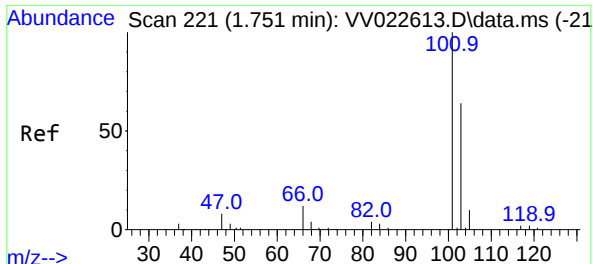
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100621\
Data File : VV022631.D
Acq On : 06 Oct 2021 17:49
Operator : SY/MD
Sample : M4051-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 07 06:18:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 07 06:15:29 2021
Response via : Initial Calibration

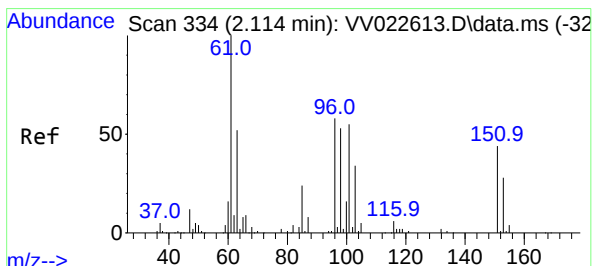
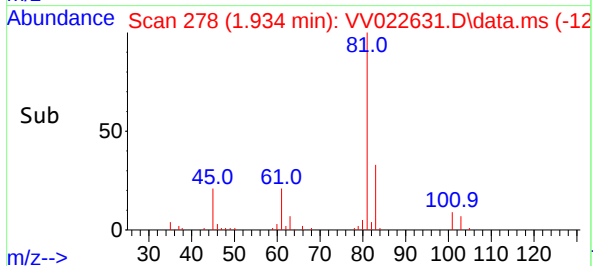
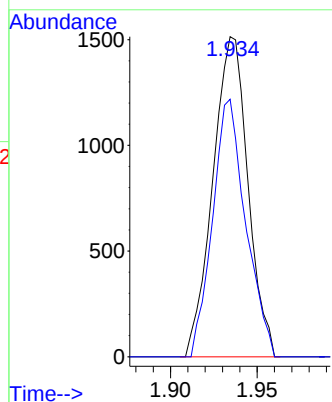
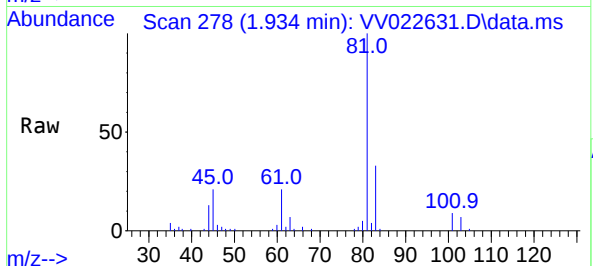




#9
Trichlorofluoromethane
Concen: 0.185 ug/L
RT: 1.934 min Scan# 278
Delta R.T. 0.183 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

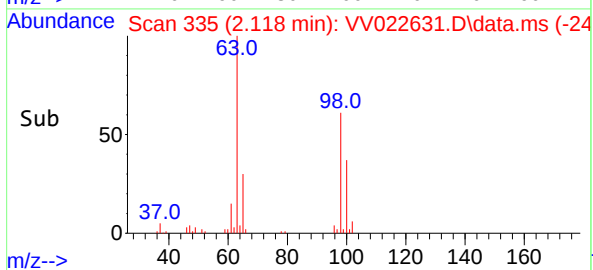
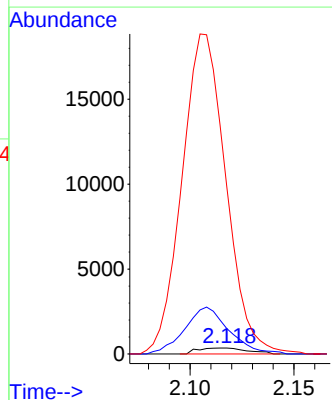
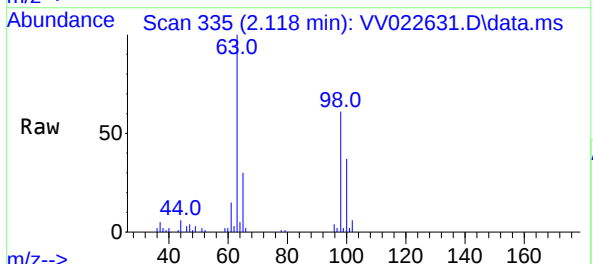
Instrument :
MSVOA_V
ClientSampled :

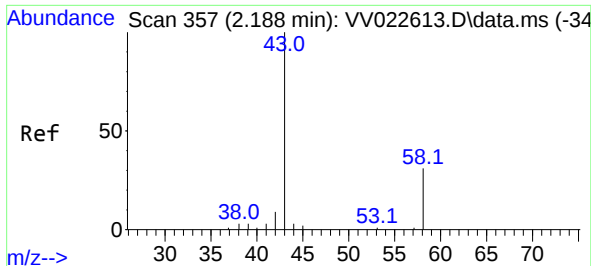
Tgt Ion:101 Resp: 2137
Ion Ratio Lower Upper
101 100
103 75.8 51.4 77.2



#12
1,1-Dichloroethene
Concen: 0.095 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 96 Resp: 585
Ion Ratio Lower Upper
96 100
61 423.7 113.2 210.2#
63 2788.4 66.6 123.8#

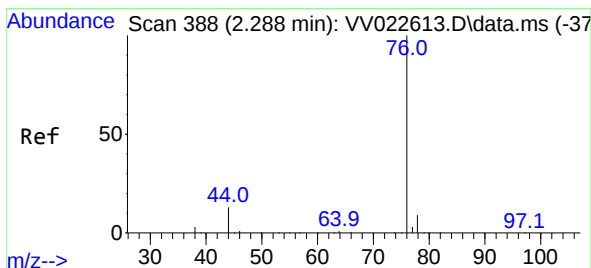
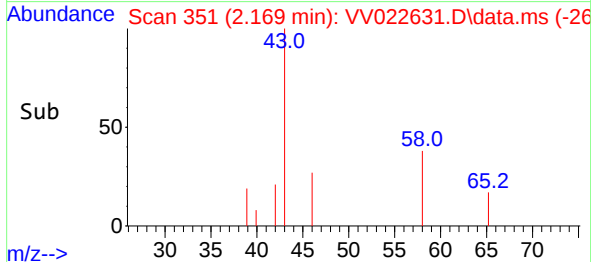
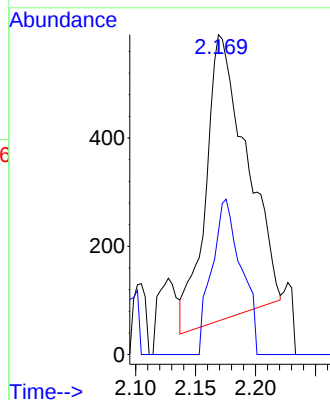
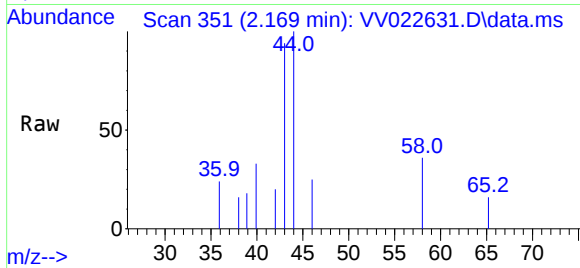




#13
Acetone
Concen: 1.218 ug/L
RT: 2.169 min Scan# 351
Delta R.T. -0.019 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

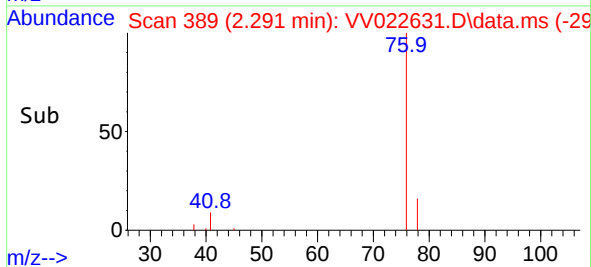
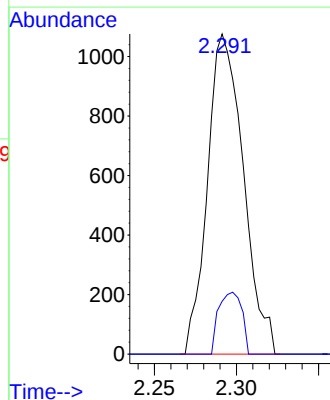
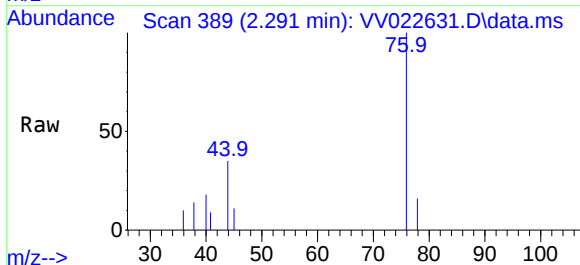
Instrument :
MSVOA_V
ClientSampleId :

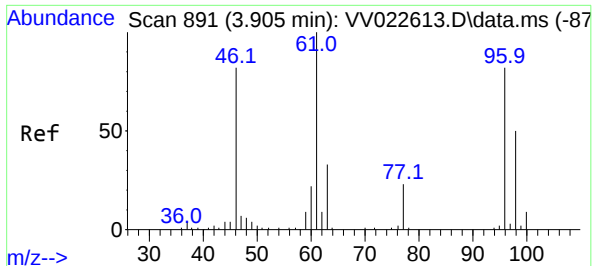
Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
58 39.1 0.0 17.6#



#14
Carbon disulfide
Concen: 0.091 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 76 Resp: 1634
Ion Ratio Lower Upper
76 100
78 16.4 7.8 11.6#

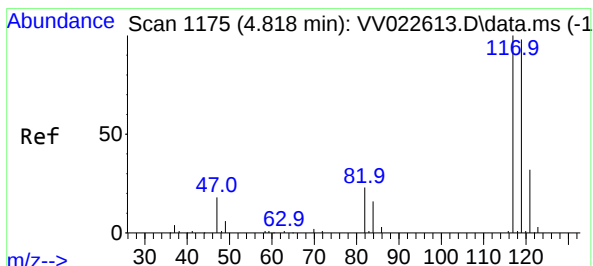
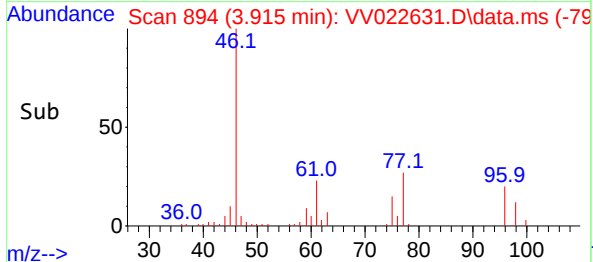
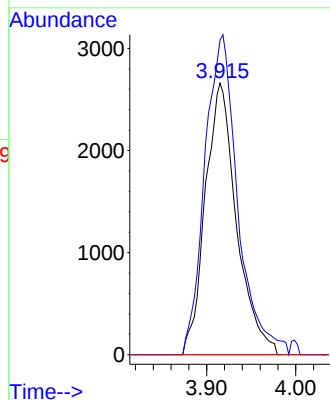
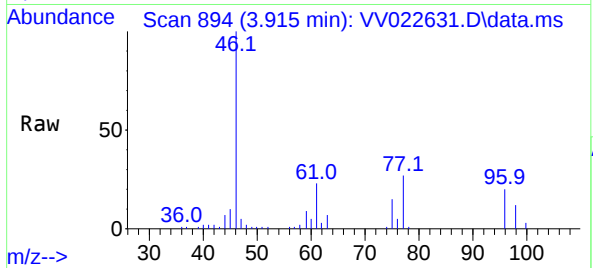




#22
cis-1,2-Dichloroethene
Concen: 0.892 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

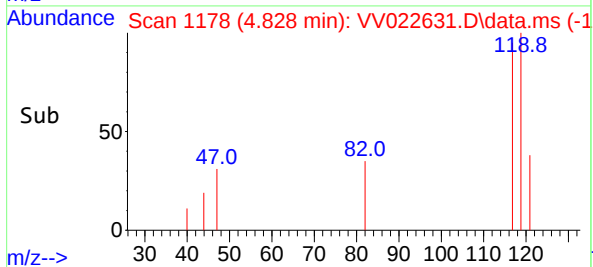
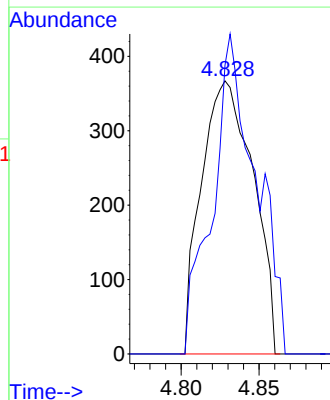
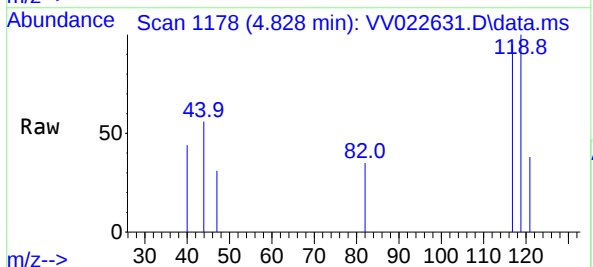
Instrument :
MSVOA_V
ClientSampleId :

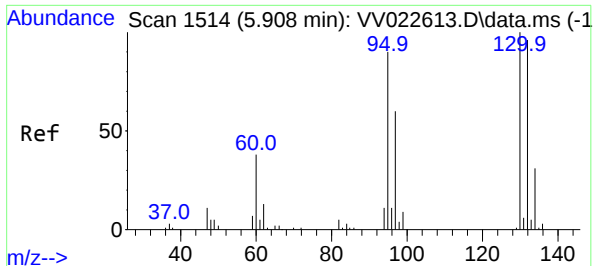
Tgt Ion: 96 Resp: 6498
Ion Ratio Lower Upper
96 100
61 115.8 85.6 159.0
68 0.0 0.0 0.0



#31
Carbon tetrachloride
Concen: 0.084 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.010 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 117 Resp: 847
Ion Ratio Lower Upper
117 100
119 98.1 76.9 115.3

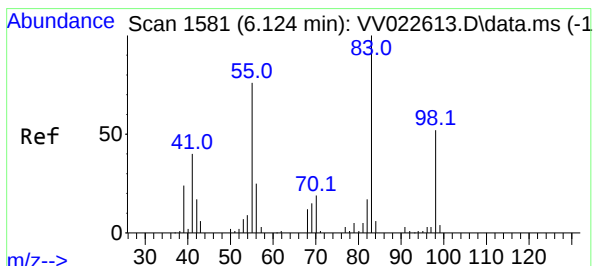
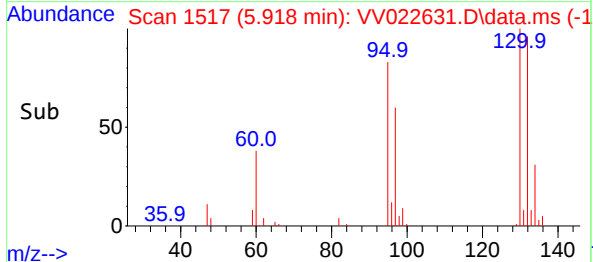
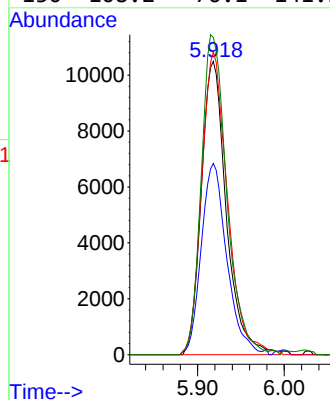
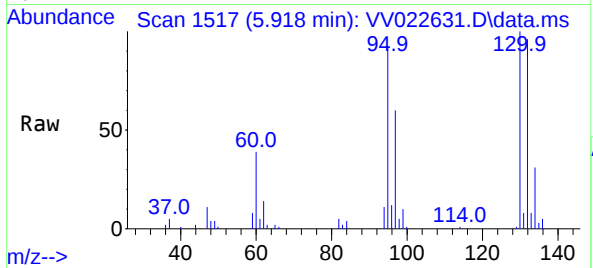




#34
Trichloroethene
Concen: 2.705 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

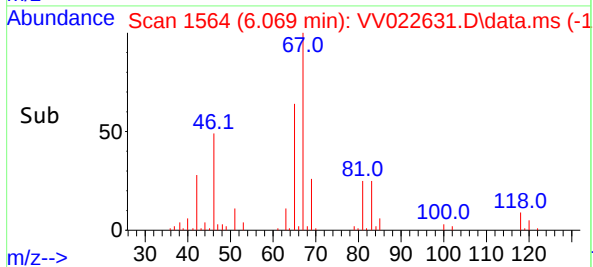
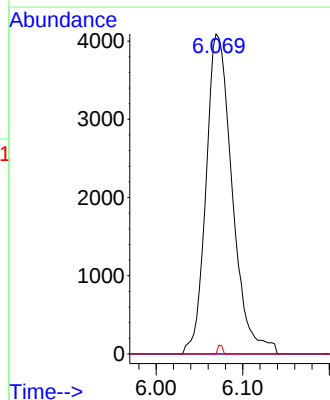
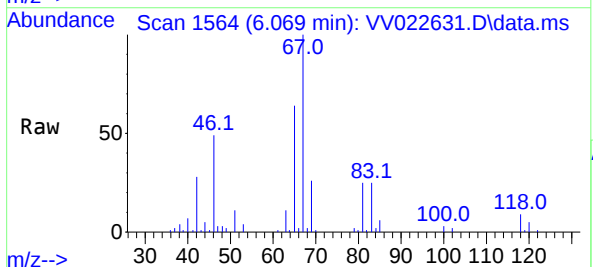
Instrument :
MSVOA_V
ClientSampled :

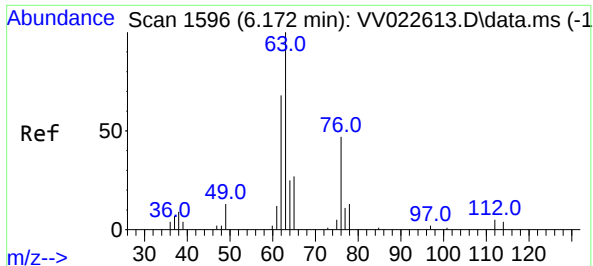
Tgt Ion: 95 Resp: 21030
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.5
132 103.4 73.0 135.6
130 108.2 76.1 141.3



#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.055 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 83 Resp: 8602
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.5 39.8 59.8#

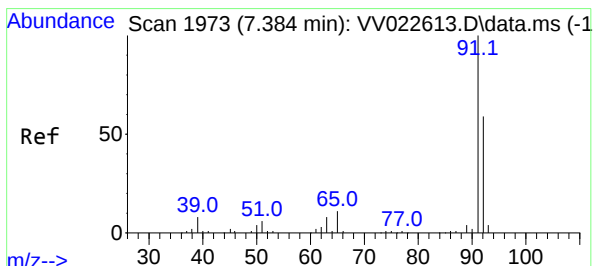
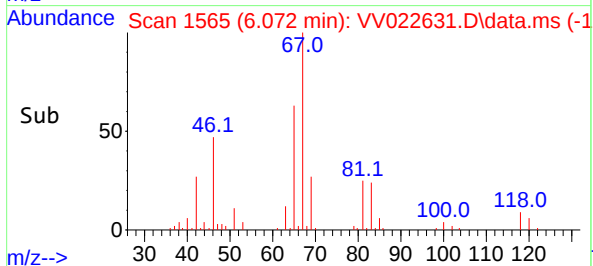
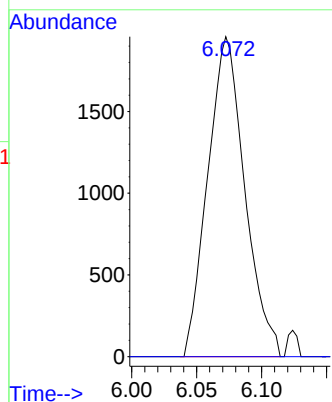
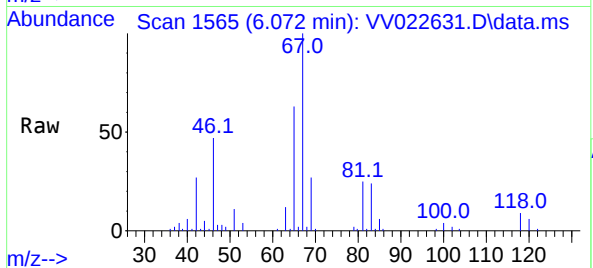




#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

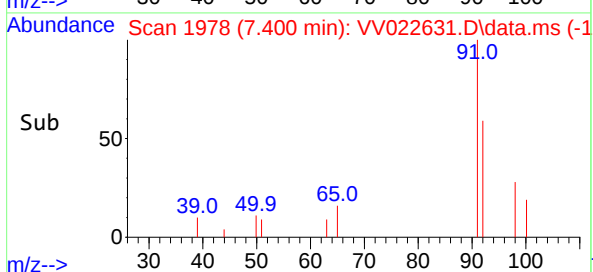
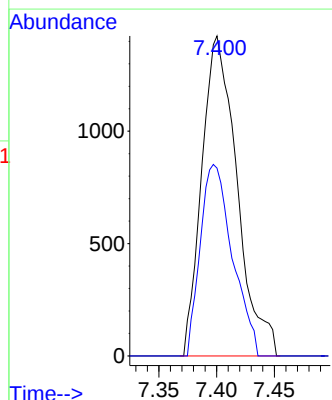
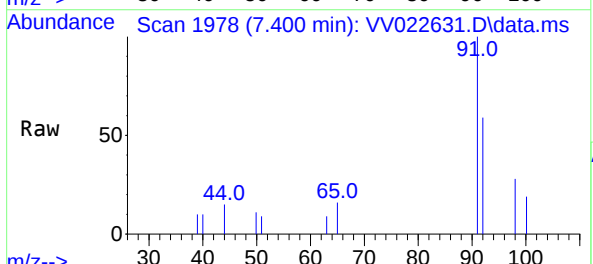
Instrument :
MSVOA_V
ClientSampleId :

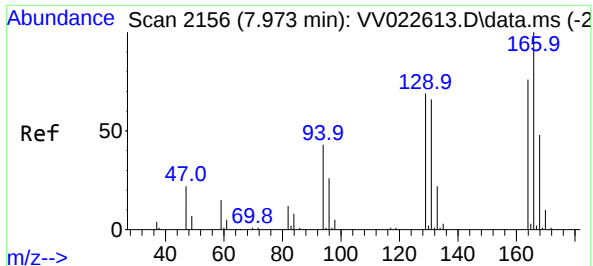
Tgt Ion: 63 Resp: 3883
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#42
Toluene
Concen: 0.108 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.016 min
Lab File: VV022631.D
Acq: 06 Oct 2021 17:49

Tgt Ion: 91 Resp: 3023
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.3





#47

Tetrachloroethene

Concen: 0.154 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.007 min

Lab File: VV022631.D

Acq: 06 Oct 2021 17:49

Tgt Ion:164 Resp: 930

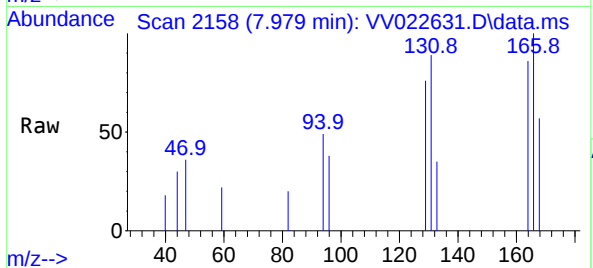
Ion Ratio Lower Upper

164 100

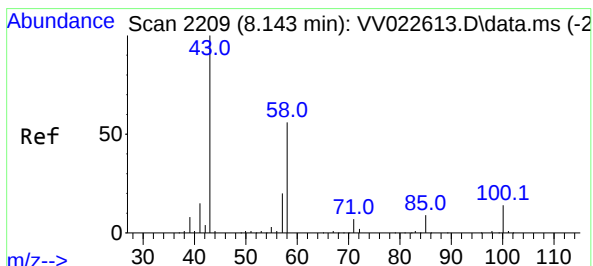
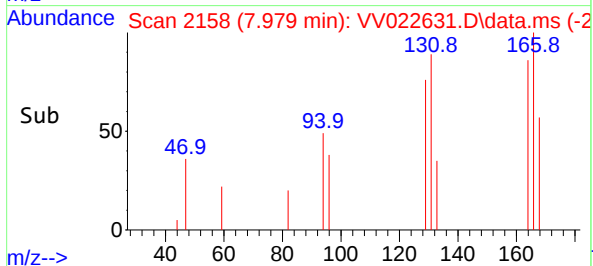
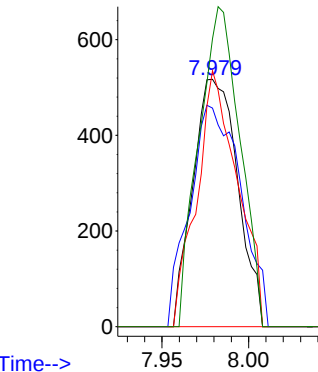
129 88.4 65.5 121.6

131 103.5 62.4 116.0

166 116.4 91.1 169.3



Abundance



#48

2-Hexanone

Concen: 2.523 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VV022631.D

Acq: 06 Oct 2021 17:49

Tgt Ion: 43 Resp: 6527

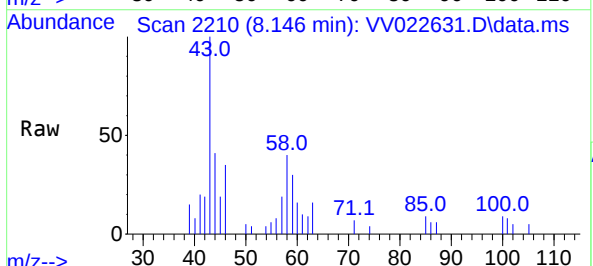
Ion Ratio Lower Upper

43 100

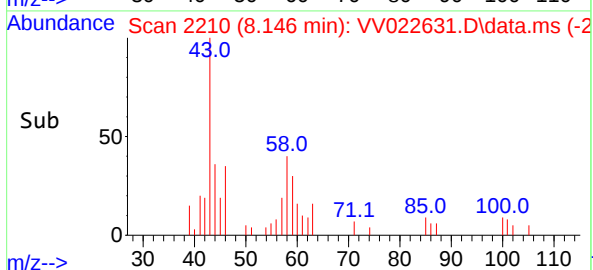
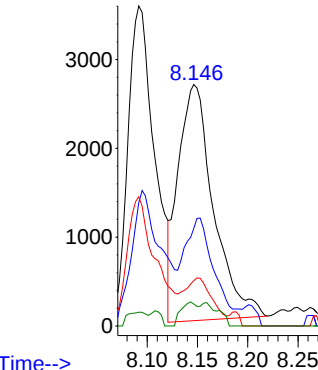
58 37.9 46.4 69.6#

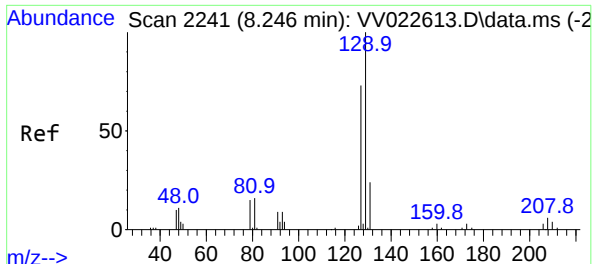
57 16.1 16.3 24.5#

100 4.5 11.0 16.6#



Abundance





#49

Dibromochloromethane

Concen: 0.165 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022631.D

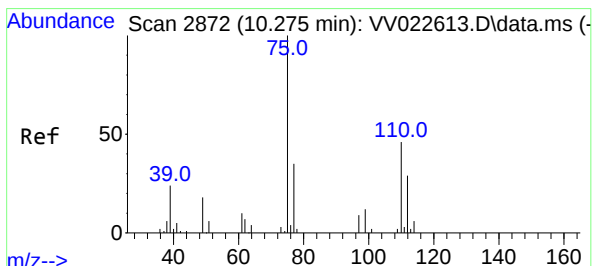
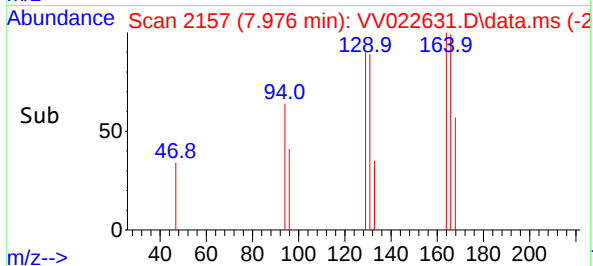
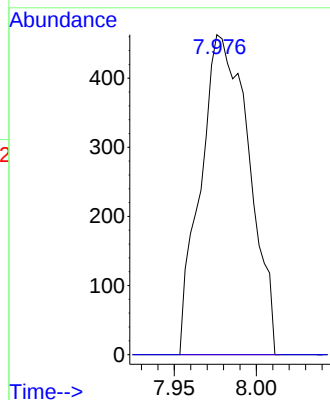
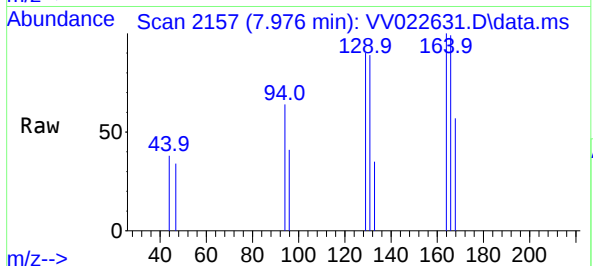
Acq: 06 Oct 2021 17:49

Tgt Ion: 129 Resp: 951

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.415 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.978 min

Lab File: VV022631.D

Acq: 06 Oct 2021 17:49

Tgt Ion: 75 Resp: 4846

Ion Ratio Lower Upper

75 100

77 34.0 26.1 39.1

110 0.0 33.0 49.6#

