

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022775.D
 Acq On : 13 Oct 2021 21:01
 Operator : SY/MD
 Sample : M4167-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

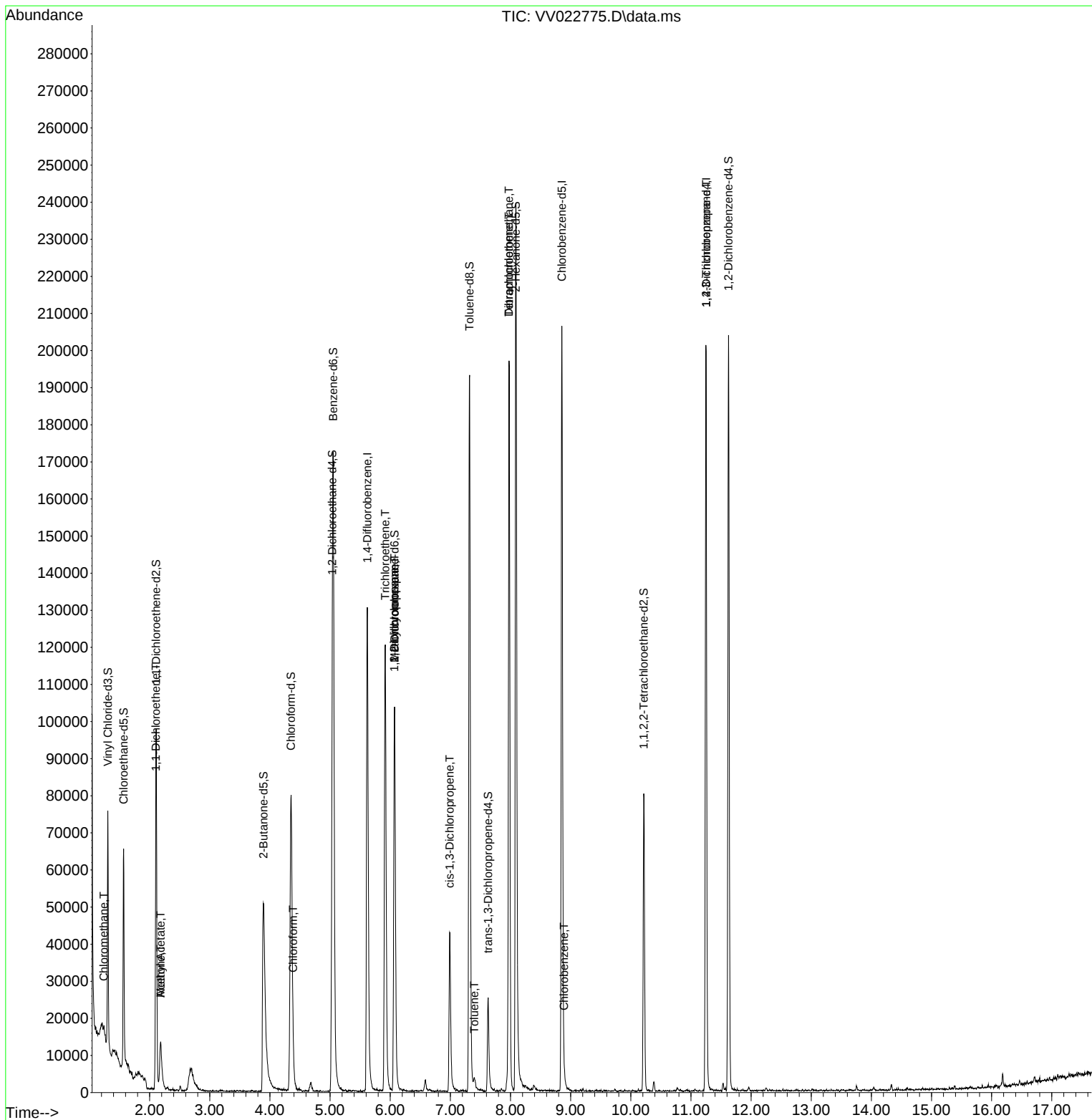
Quant Time: Oct 14 02:17:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

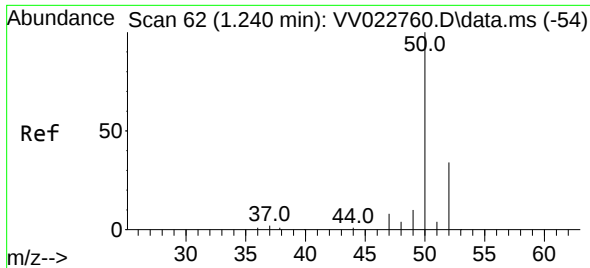
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	116119	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	117848	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54658	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33397	4.180	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	35879	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.108	63	48359	3.086	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	3.892	46	98882	47.204	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.400%
24) Chloroform-d	4.352	84	83591	5.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.037	65	40498	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.053	84	156536	4.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.072	67	51811	4.987	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	129160	4.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.629	79	15121	4.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	85021	61.213	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38703	5.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54577	5.385	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	715	0.084	ug/L	85
12) 1,1-Dichloroethene	2.101	96	458	0.065	ug/L #	1
13) Acetone	2.182	43	20792	17.800	ug/L #	47
15) Methyl Acetate	2.182	43	19355	5.791	ug/L #	50
25) Chloroform	4.384	83	6082	0.382	ug/L	95
34) Trichloroethene	5.918	95	42185	4.888	ug/L	98
35) Methylcyclohexane	6.072	83	12333	1.020	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	5650	0.740	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1090	0.108	ug/L #	79
42) Toluene	7.397	91	2737	0.085	ug/L	80
47) Tetrachloroethene	7.976	164	44848	6.425	ug/L	97
49) Dibromochloromethane	7.976	129	39653	5.980	ug/L #	7
51) Chlorobenzene	8.889	112	1871	0.088	ug/L	92
61) 1,2,3-Trichloropropane	11.252	75	5989	1.577	ug/L #	61

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

Quant Time: Oct 14 02:17:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration

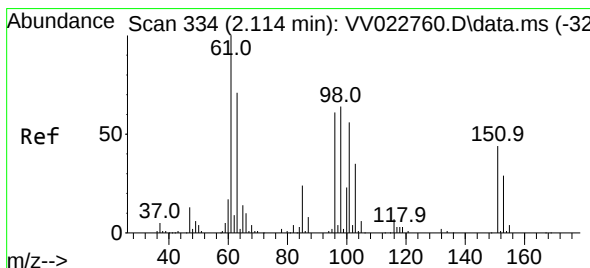
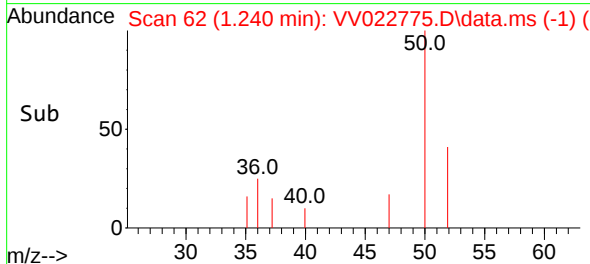
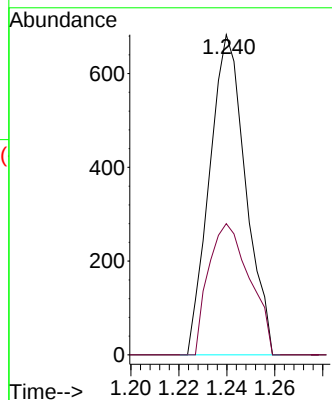
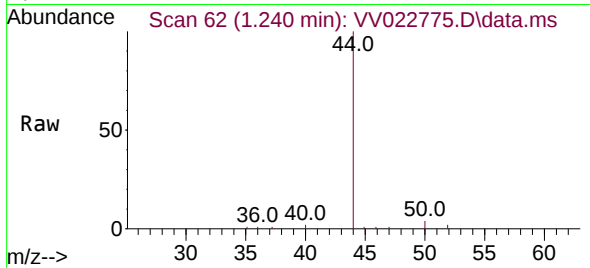




#3
Chloromethane
Concen: 0.084 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

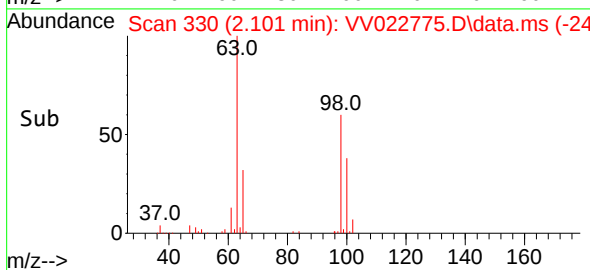
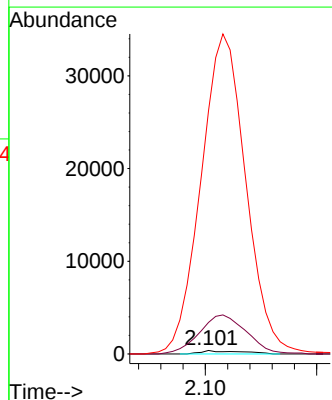
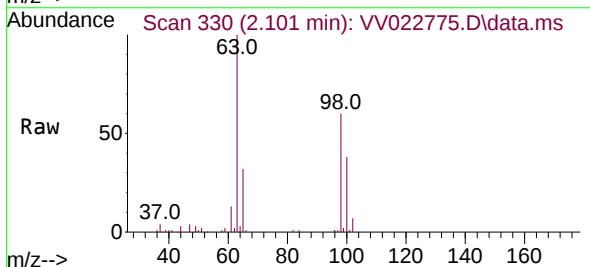
Instrument :
MSVOA_V
ClientSampled :

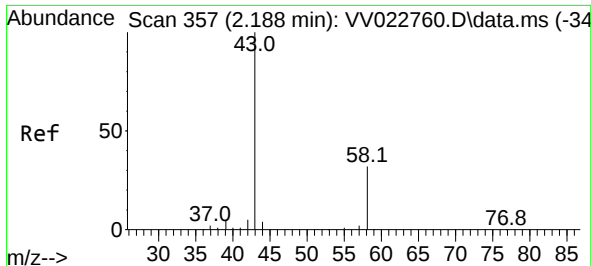
Tgt Ion: 50 Resp: 715
Ion Ratio Lower Upper
50 100
52 41.0 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.065 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Tgt Ion: 96 Resp: 458
Ion Ratio Lower Upper
96 100
61 875.5 127.3 236.5#
63 6762.9 106.2 197.2#

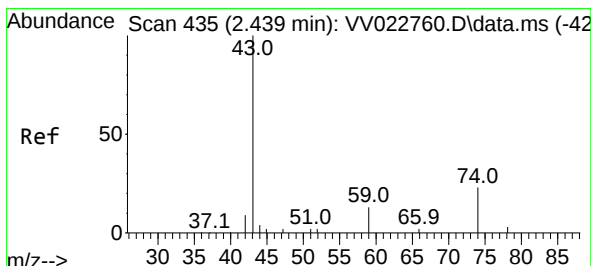
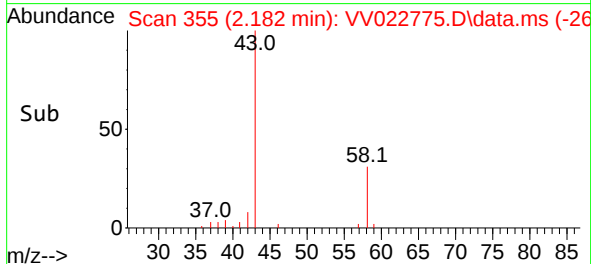
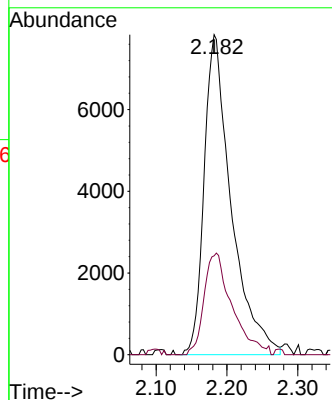
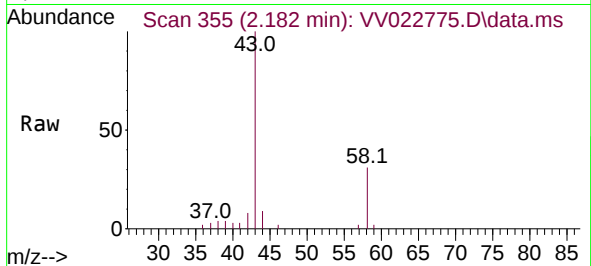




#13
Acetone
Concen: 17.800 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.006 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

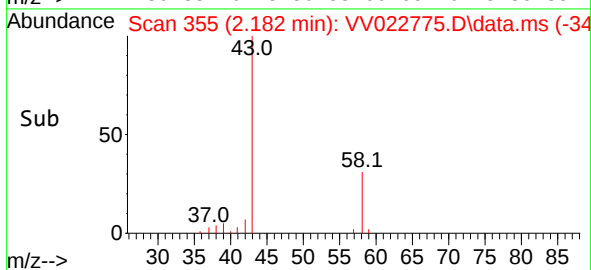
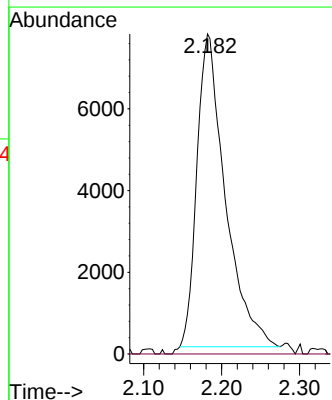
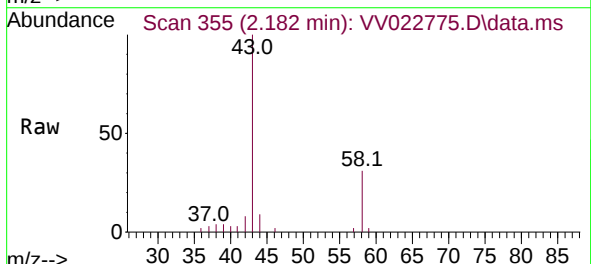
Instrument :
MSVOA_V
ClientSampleId :

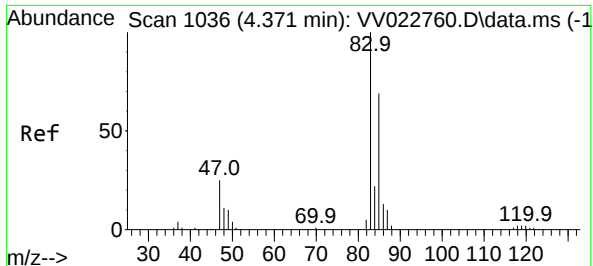
Tgt Ion: 43 Resp: 20792
Ion Ratio Lower Upper
43 100
58 32.8 0.0 24.2#



#15
Methyl Acetate
Concen: 5.791 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Tgt Ion: 43 Resp: 19355
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



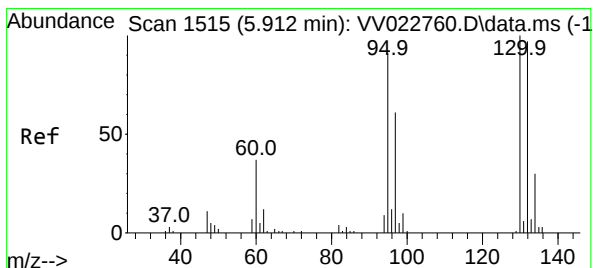
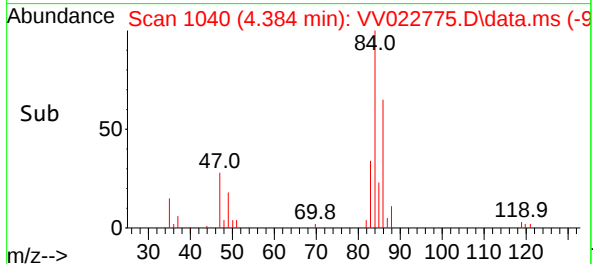
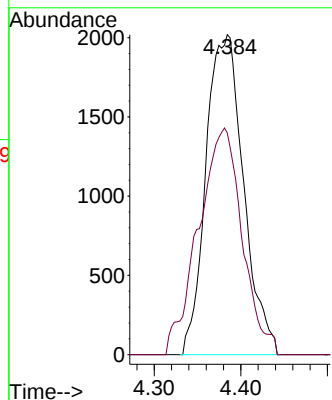
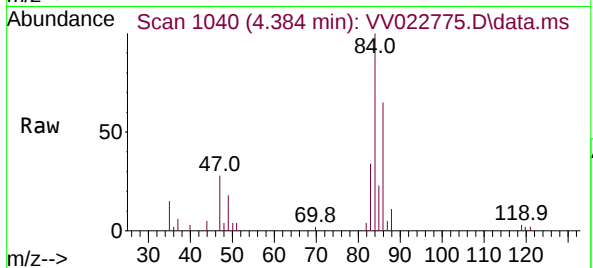


#25

Chloroform
Concen: 0.382 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :

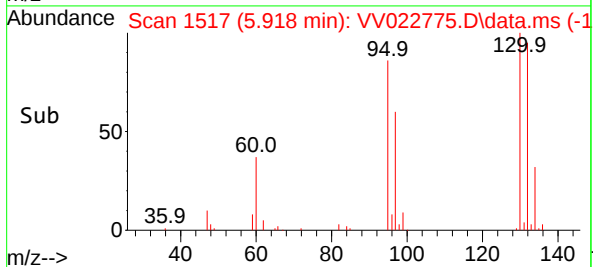
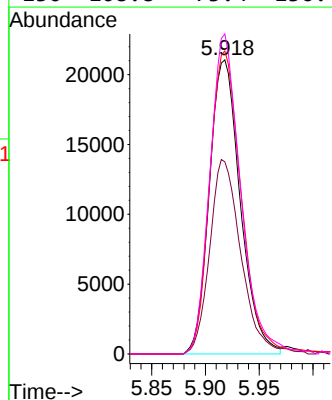
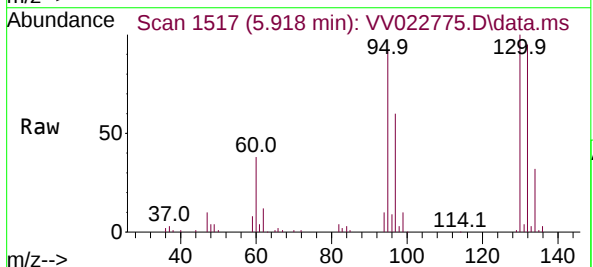
Tgt Ion: 83 Resp: 6082
Ion Ratio Lower Upper
83 100
85 69.3 45.7 84.9

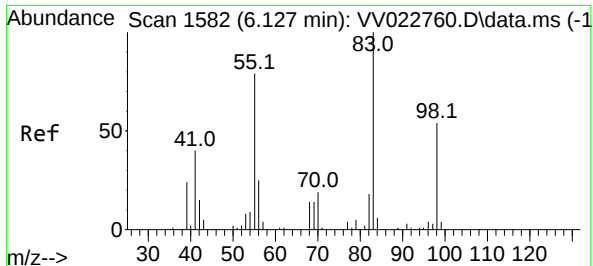


#34

Trichloroethene
Concen: 4.888 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Tgt Ion: 95 Resp: 42185
Ion Ratio Lower Upper
95 100
97 65.4 45.8 85.2
132 103.0 72.2 134.0
130 108.8 73.4 136.4





#35

Methylcyclohexane

Concen: 1.020 ug/L

RT: 6.072 min Scan# 1565

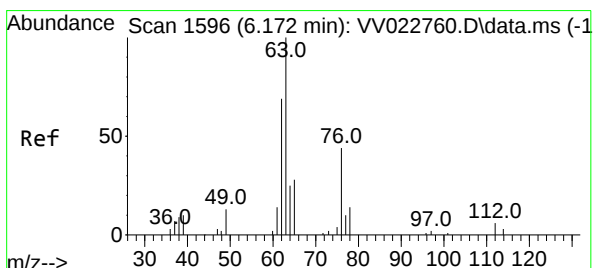
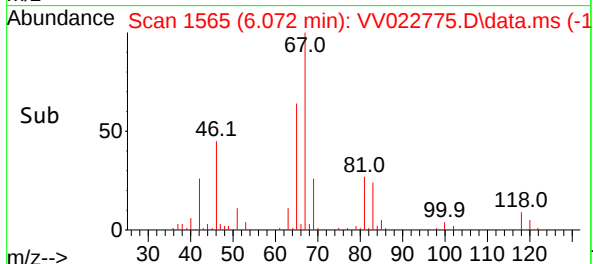
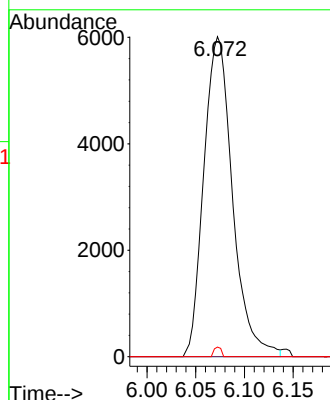
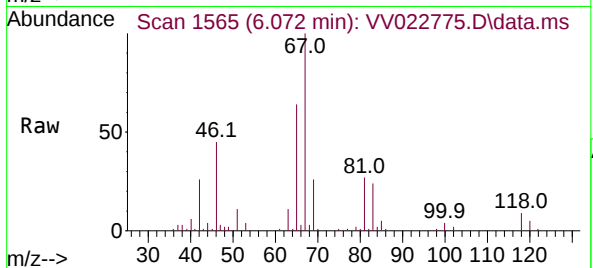
Delta R.T. -0.055 min

Lab File: VV022775.D

Acq: 13 Oct 2021 21:01

Tgt Ion: 83	Resp: 12333
Ion Ratio	Lower Upper
83 100	
55 0.0	63.8 95.6#
98 0.8	42.1 63.1#

Instrument :
MSVOA_V
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.740 ug/L

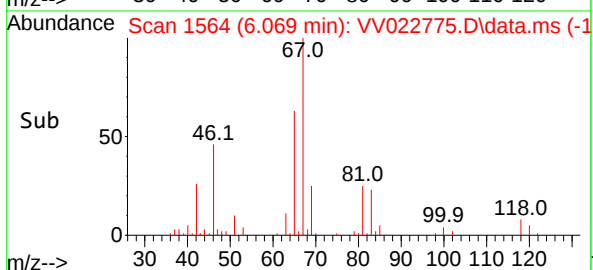
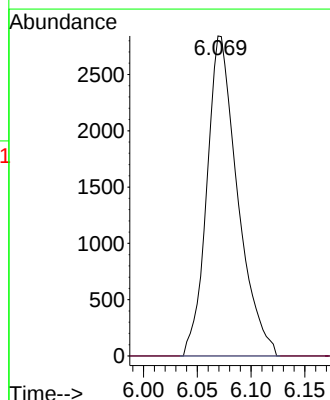
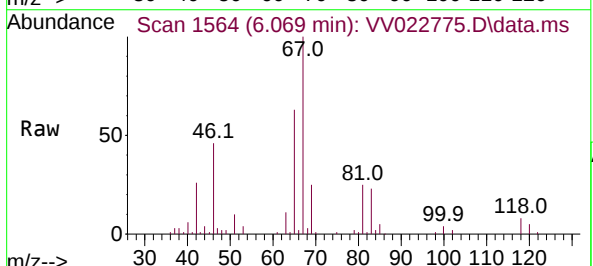
RT: 6.069 min Scan# 1564

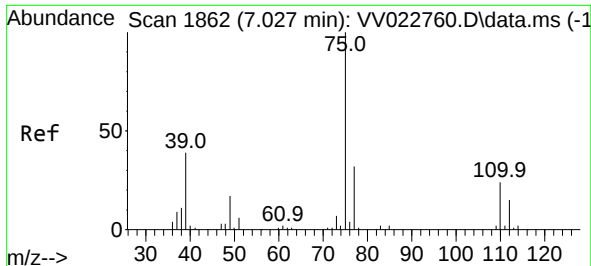
Delta R.T. -0.103 min

Lab File: VV022775.D

Acq: 13 Oct 2021 21:01

Tgt Ion: 63	Resp: 5650
Ion Ratio	Lower Upper
63 100	
112 0.0	4.4 6.6#

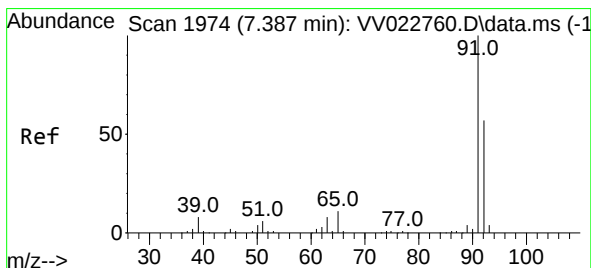
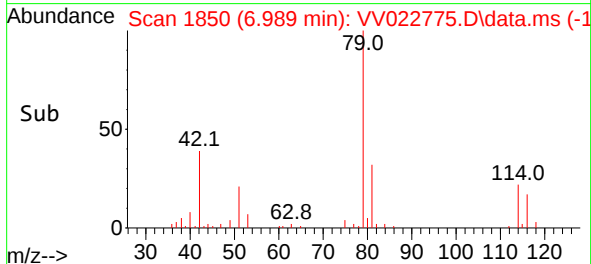
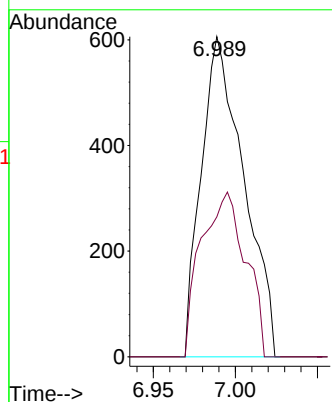
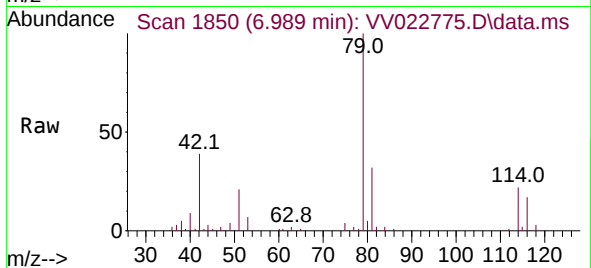




#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022775.D
 Acq: 13 Oct 2021 21:01

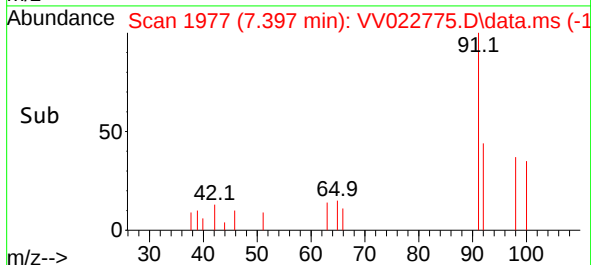
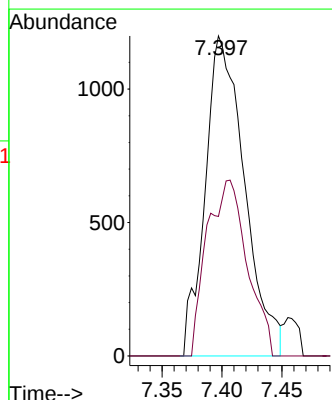
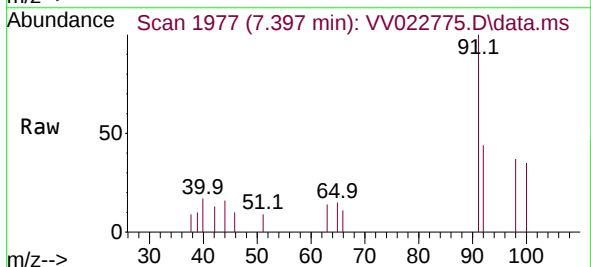
Instrument :
 MSVOA_V
 ClientSampleId :

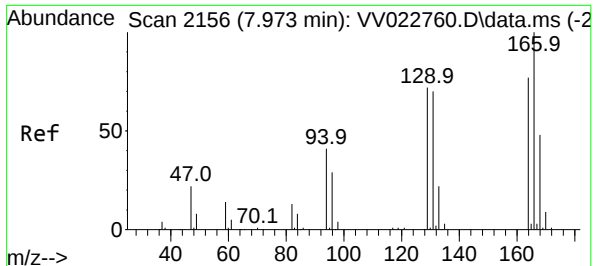
Tgt Ion: 75 Resp: 1090
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.3 41.3#



#42
 Toluene
 Concen: 0.085 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.010 min
 Lab File: VV022775.D
 Acq: 13 Oct 2021 21:01

Tgt Ion: 91 Resp: 2737
 Ion Ratio Lower Upper
 91 100
 92 43.6 40.7 75.7





#47

Tetrachloroethene

Concen: 6.425 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022775.D

Acq: 13 Oct 2021 21:01

Tgt Ion:164 Resp: 44848

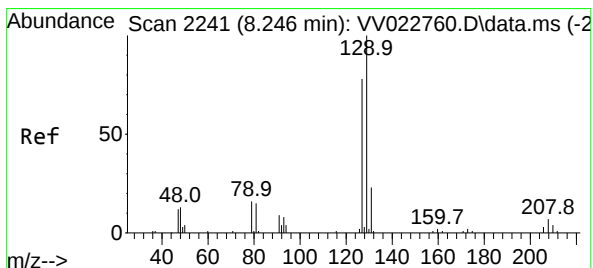
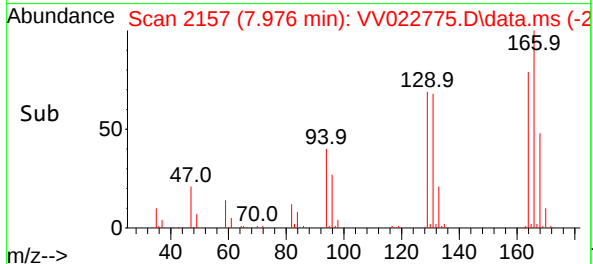
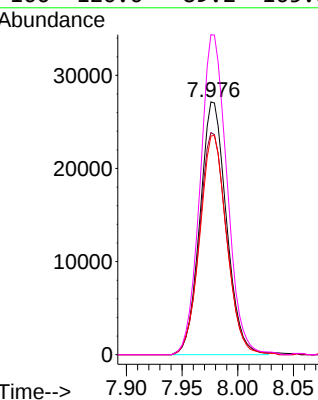
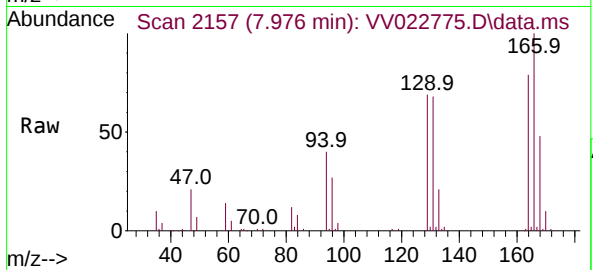
Ion Ratio Lower Upper

164 100

129 87.8 65.0 120.6

131 86.5 62.2 115.4

166 126.6 89.2 165.8



#49

Dibromochloromethane

Concen: 5.980 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022775.D

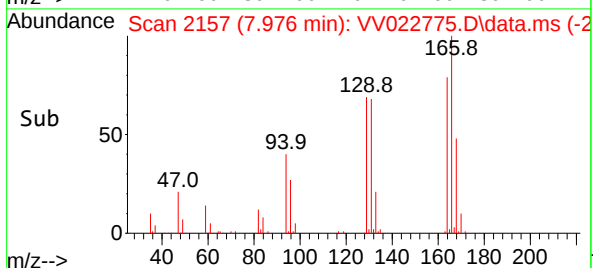
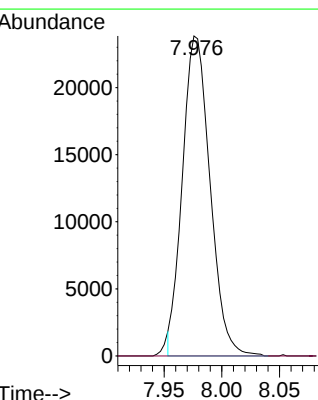
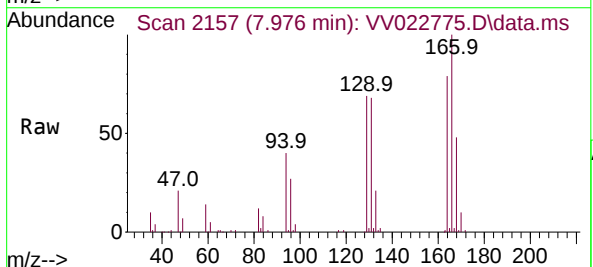
Acq: 13 Oct 2021 21:01

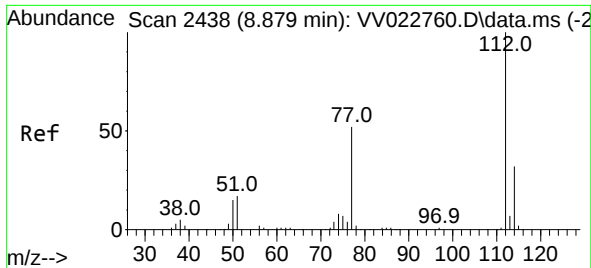
Tgt Ion:129 Resp: 39653

Ion Ratio Lower Upper

129 100

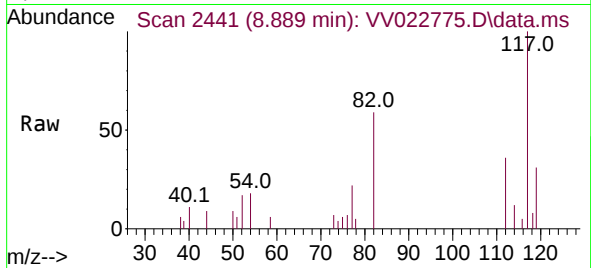
127 0.0 59.1 109.9#



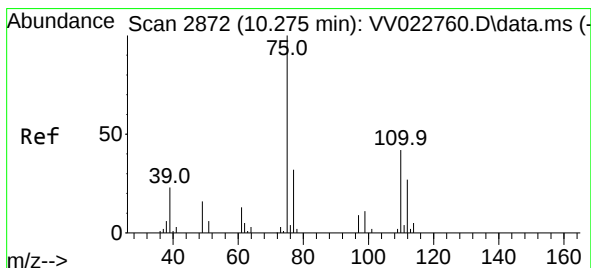
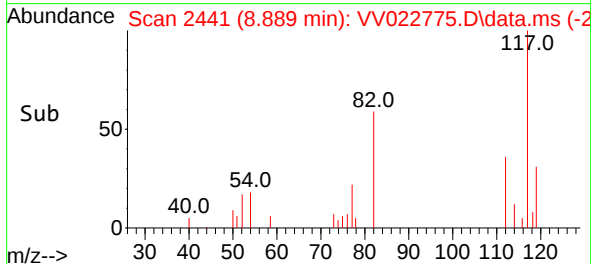
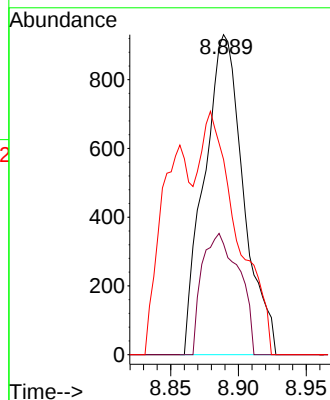


#51
Chlorobenzene
Concen: 0.088 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.010 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	112	Resp:	1871
Ion Ratio	Lower	Upper	
112	100		
114	34.6	21.6	40.2
77	61.0	43.7	65.5



#61
1,2,3-Trichloropropane
Concen: 1.577 ug/L
RT: 11.252 min Scan# 3176
Delta R.T. 0.977 min
Lab File: VV022775.D
Acq: 13 Oct 2021 21:01

Tgt Ion:	75	Resp:	5989
Ion Ratio	Lower	Upper	
75	100		
77	34.8	25.4	38.2
110	2.3	34.2	51.4#

