

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022777.D
 Acq On : 13 Oct 2021 21:49
 Operator : SY/MD
 Sample : M4167-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:18:12 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)

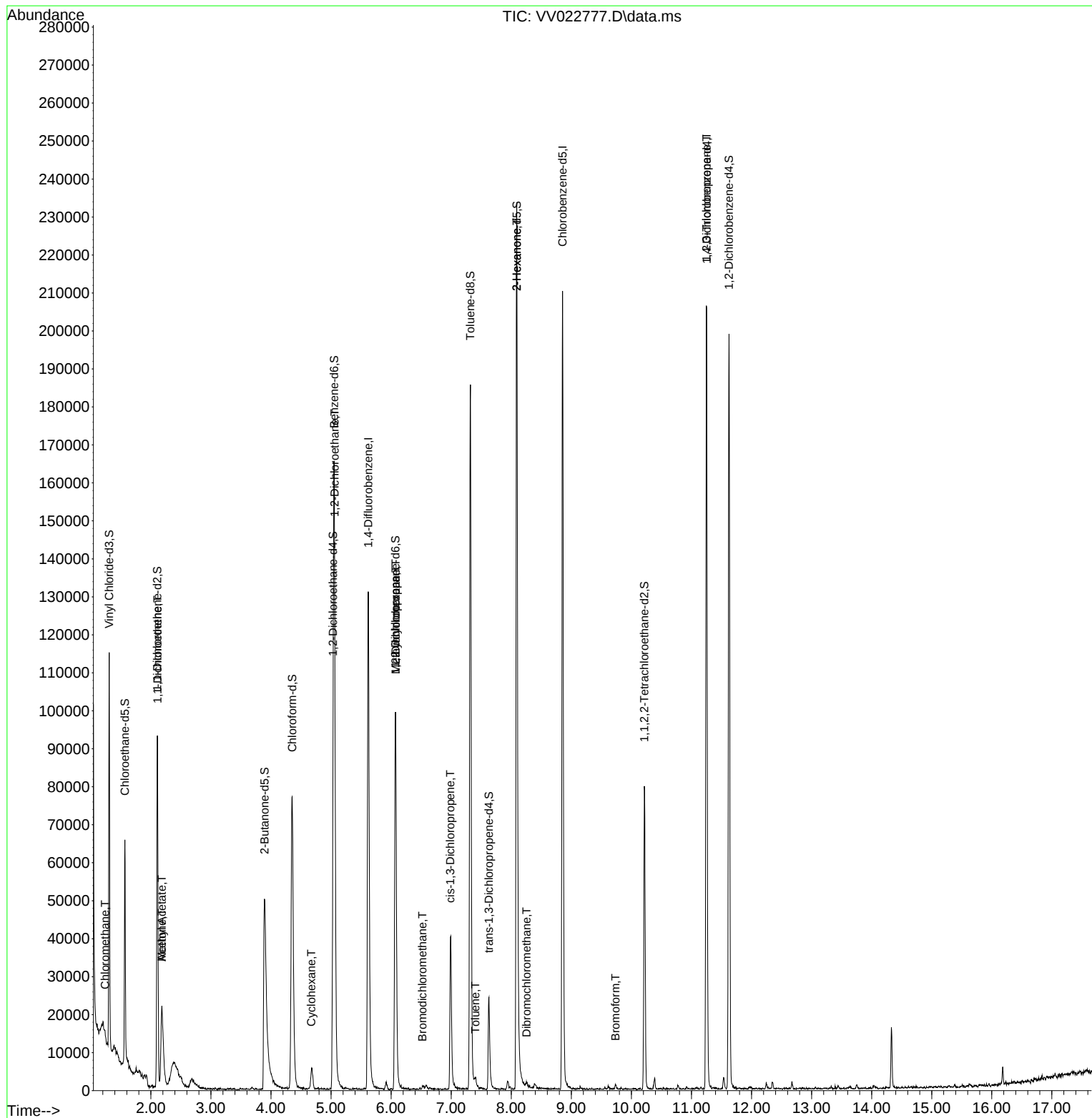
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119110	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	119613	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32315	3.943	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	34500	4.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	46235	2.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.600%#
20) 2-Butanone-d5	3.892	46	99122	46.130	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.260%
24) Chloroform-d	4.352	84	81290	4.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.034	65	37837	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	151220	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.072	67	49440	4.688	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.320	98	126333	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	14586	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.091	63	81219	57.613	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.220%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37658	5.272	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53601	5.067	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	574	0.066	ug/L	93
12) 1,1-Dichloroethene	2.111	96	489	0.068	ug/L #	1
13) Acetone	2.182	43	38499	32.131	ug/L #	43
15) Methyl Acetate	2.182	43	35875	10.464	ug/L #	50
27) 1,2-Dichloroethane	5.059	62	899	0.110	ug/L #	69
30) Cyclohexane	4.670	56	1216	0.096	ug/L #	1
35) Methylcyclohexane	6.075	83	12267	0.999	ug/L #	16
37) 1,2-Dichloropropane	6.075	63	5270	0.680	ug/L #	84
38) Bromodichloromethane	6.522	83	636	0.067	ug/L #	93
39) cis-1,3-Dichloropropene	6.985	75	913	0.089	ug/L #	33
42) Toluene	7.403	91	2274	0.070	ug/L	91
48) 2-Hexanone	8.091	43	9040	2.970	ug/L #	66
49) Dibromochloromethane	8.252	129	754	0.112	ug/L	87
59) Bromoform	9.735	173	630	0.197	ug/L #	81
61) 1,2,3-Trichloropropane	11.249	75	6639	1.675	ug/L #	62

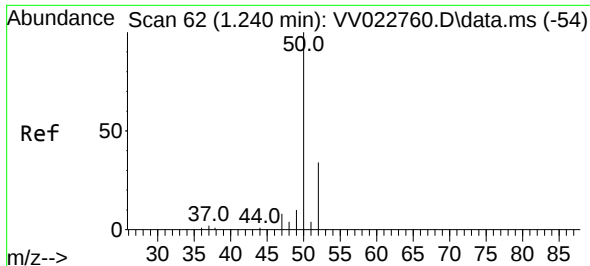
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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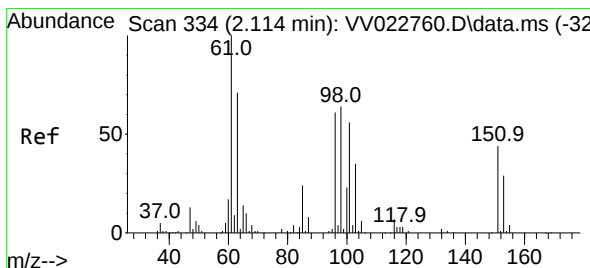
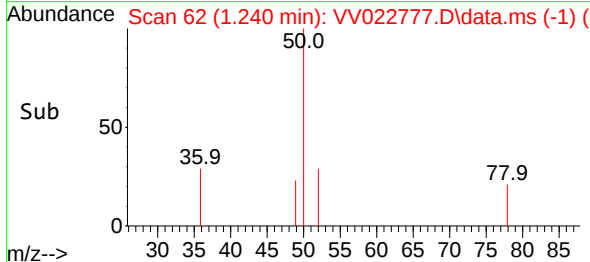
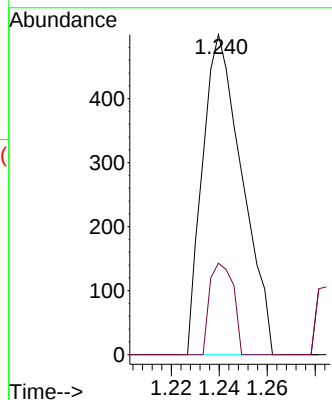
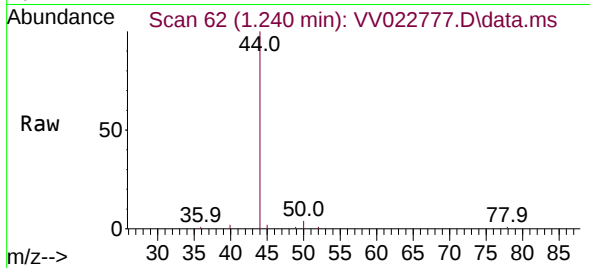




#3
Chloromethane
Concen: 0.066 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

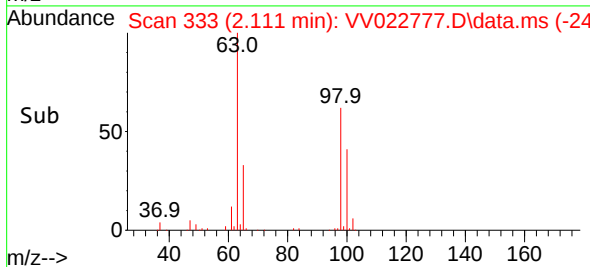
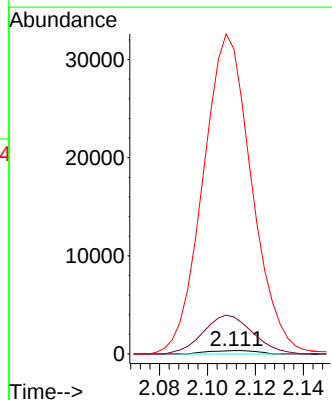
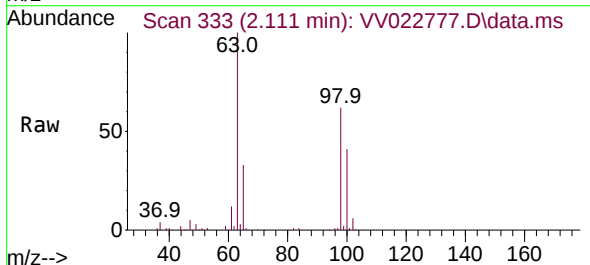
Instrument :
MSVOA_V
ClientSampled :

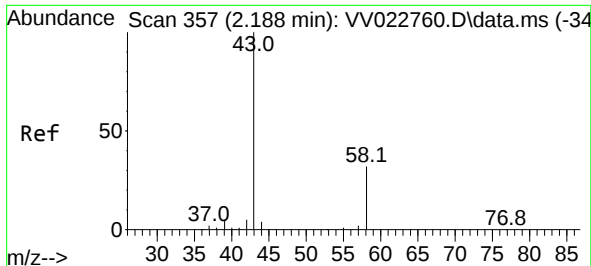
Tgt Ion: 50 Resp: 574
Ion Ratio Lower Upper
50 100
52 28.6 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

Tgt Ion: 96 Resp: 489
Ion Ratio Lower Upper
96 100
61 1090.5 127.3 236.5#
63 8980.3 106.2 197.2#

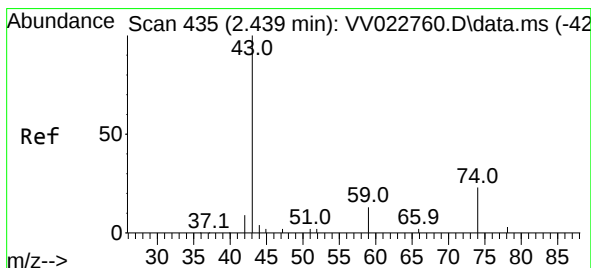
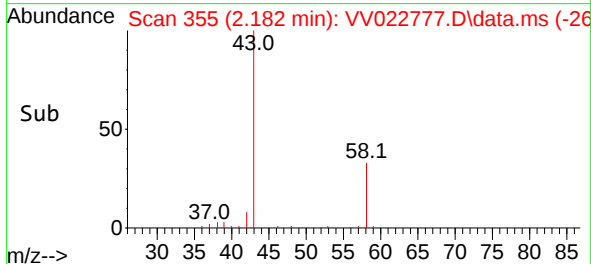
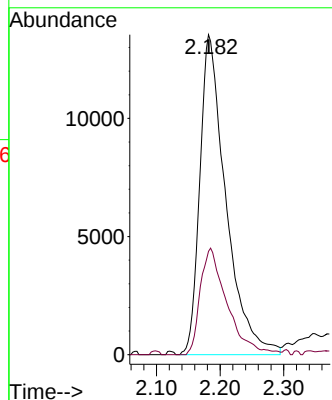
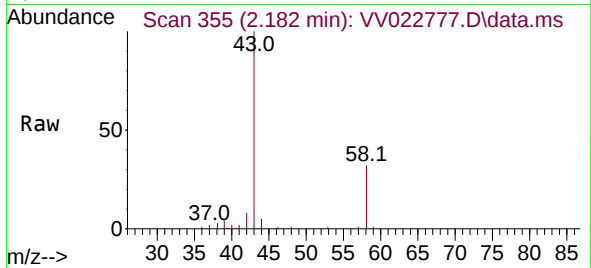




#13
Acetone
Concen: 32.131 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.007 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

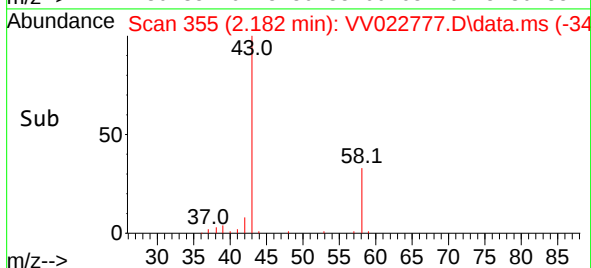
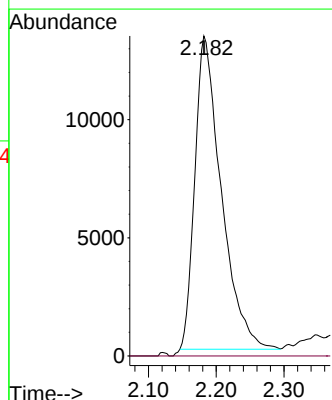
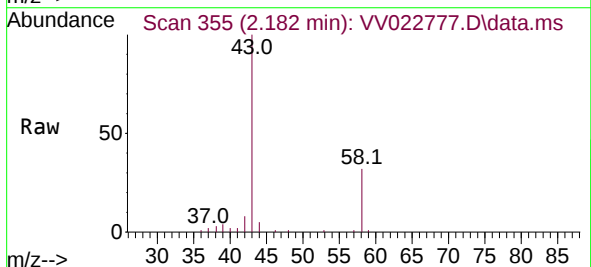
Instrument :
MSVOA_V
ClientSampled :

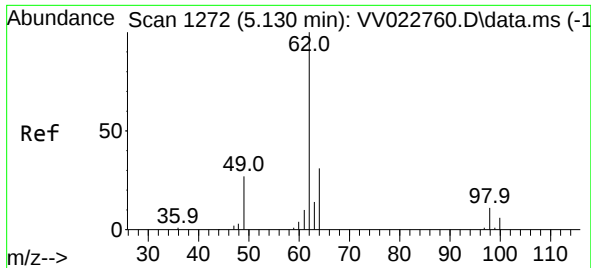
Tgt Ion: 43 Resp: 38499
Ion Ratio Lower Upper
43 100
58 34.3 0.0 24.2#



#15
Methyl Acetate
Concen: 10.464 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.257 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

Tgt Ion: 43 Resp: 35875
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

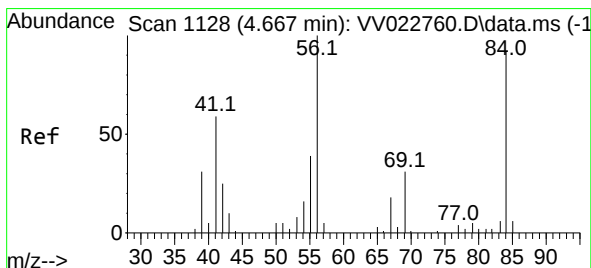
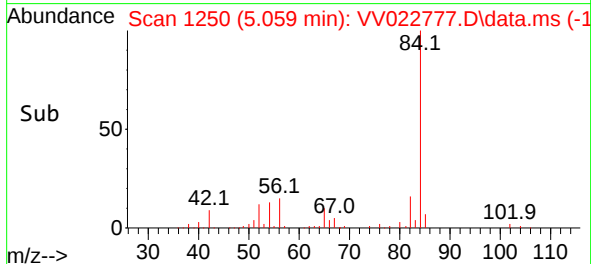
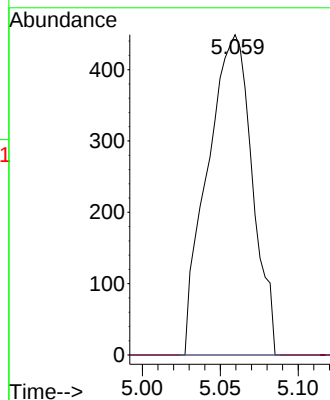
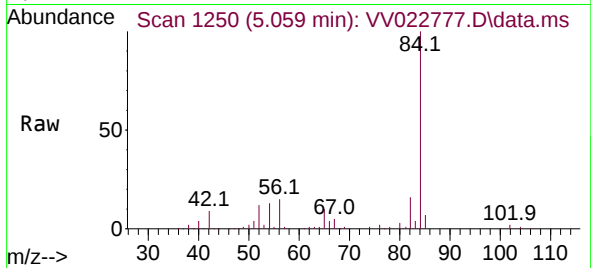




#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.059 min Scan# 1250
Delta R.T. -0.071 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

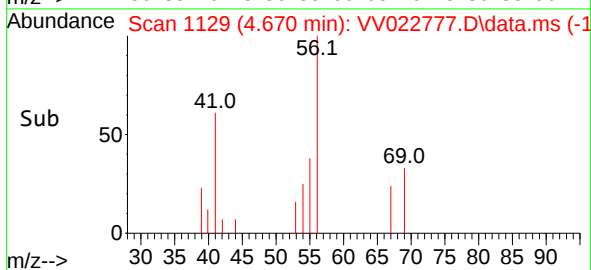
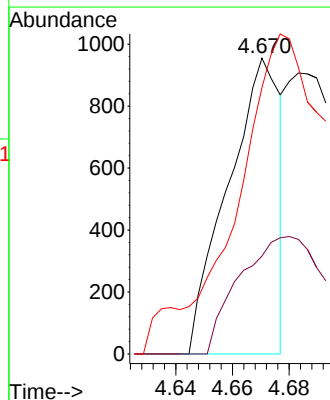
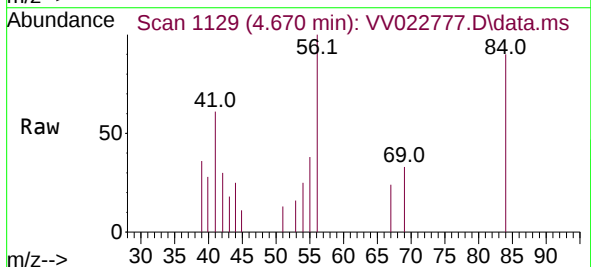
Instrument :
MSVOA_V
ClientSampled :

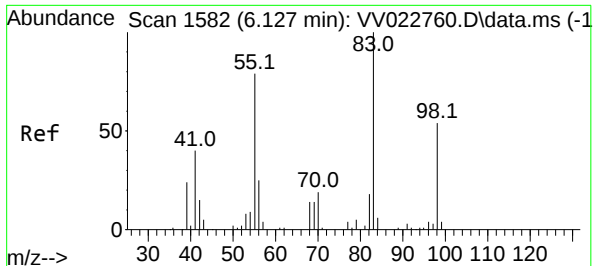
Tgt Ion: 62 Resp: 899
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#



#30
Cyclohexane
Concen: 0.096 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

Tgt Ion: 56 Resp: 1216
Ion Ratio Lower Upper
56 100
69 71.5 24.9 37.3#
84 211.5 72.5 108.7#





#35

Methylcyclohexane

Concen: 0.999 ug/L

RT: 6.075 min Scan# 1566

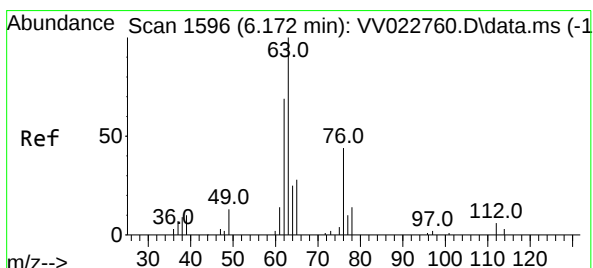
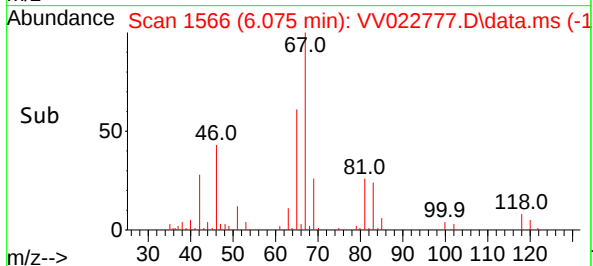
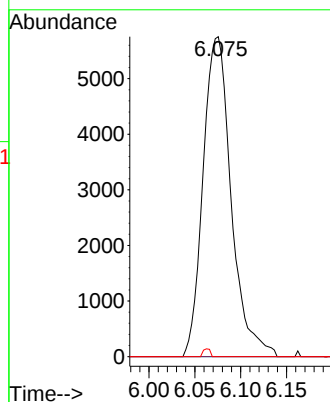
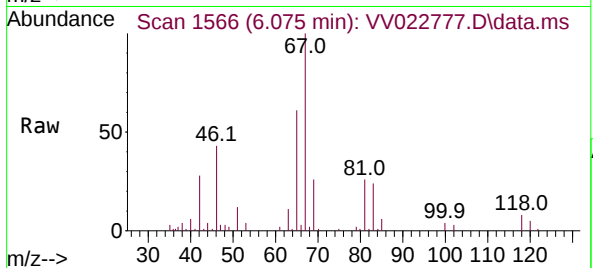
Delta R.T. -0.052 min

Lab File: VV022777.D

Acq: 13 Oct 2021 21:49

Tgt Ion:	83	Resp:	12267
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	0.6	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.680 ug/L

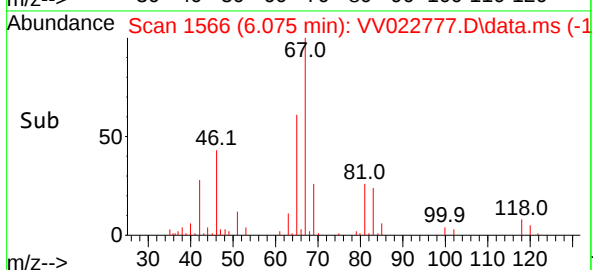
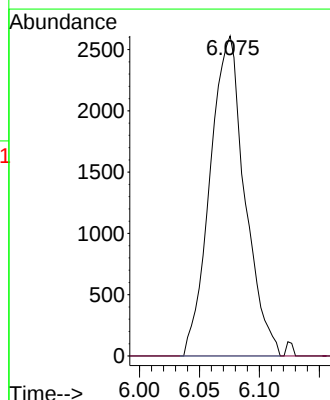
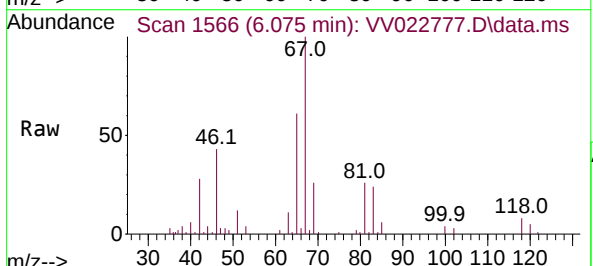
RT: 6.075 min Scan# 1566

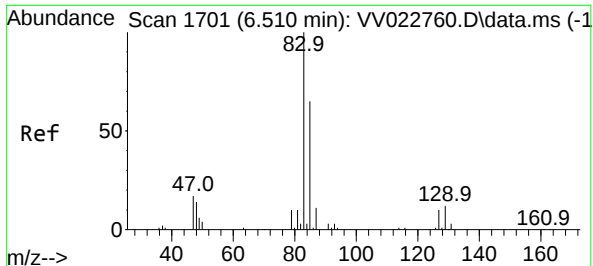
Delta R.T. -0.097 min

Lab File: VV022777.D

Acq: 13 Oct 2021 21:49

Tgt Ion:	63	Resp:	5270
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#

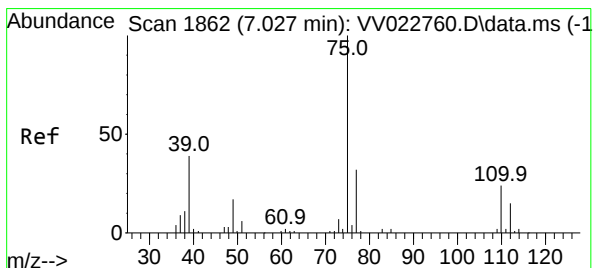
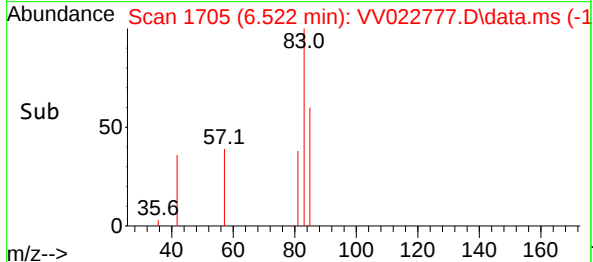
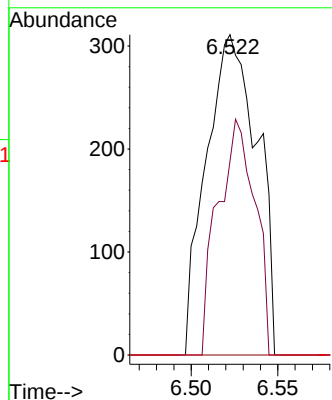
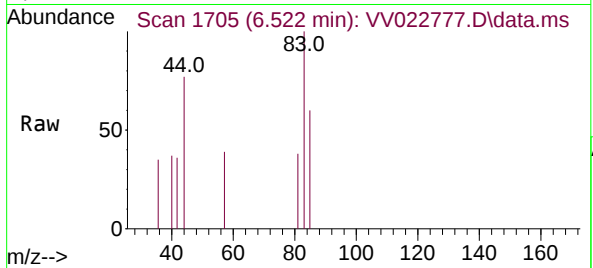




#38
Bromodichloromethane
Concen: 0.067 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.013 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

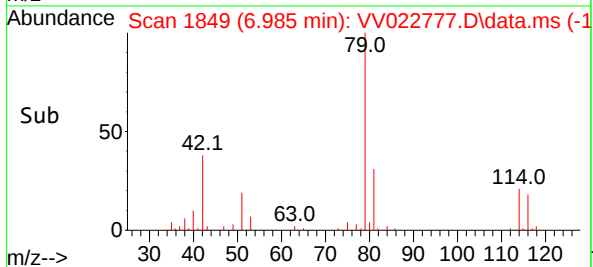
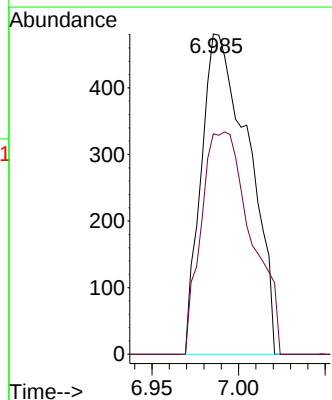
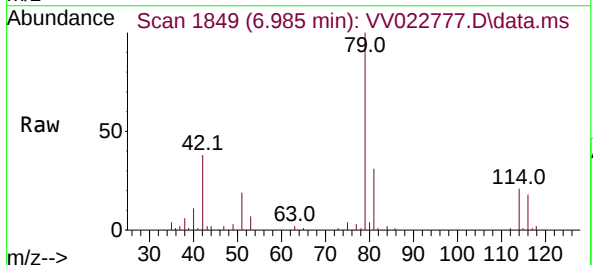
Instrument :
MSVOA_V
ClientSampled :

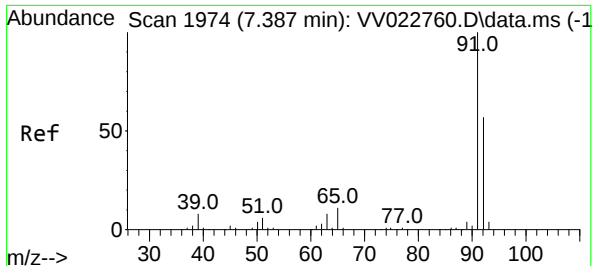
Tgt Ion: 83 Resp: 636
Ion Ratio Lower Upper
83 100
85 60.5 44.3 82.3
127 0.0 7.7 11.5#



#39
cis-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.042 min
Lab File: VV022777.D
Acq: 13 Oct 2021 21:49

Tgt Ion: 75 Resp: 913
Ion Ratio Lower Upper
75 100
77 68.8 22.3 41.3#





#42

Toluene

Concen: 0.070 ug/L

RT: 7.403 min Scan# 1979

Delta R.T. 0.016 min

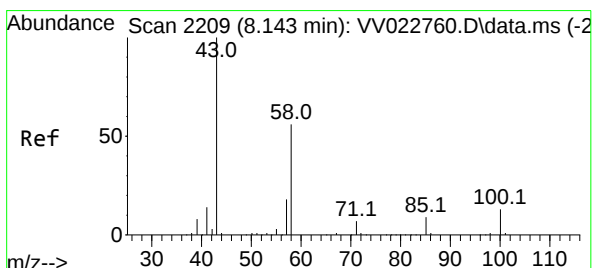
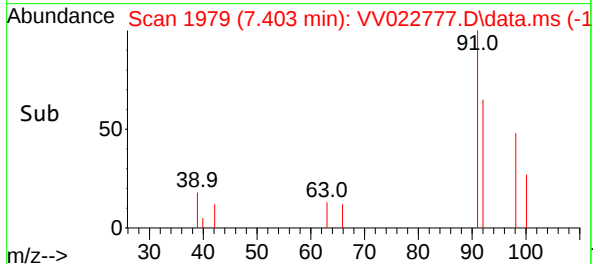
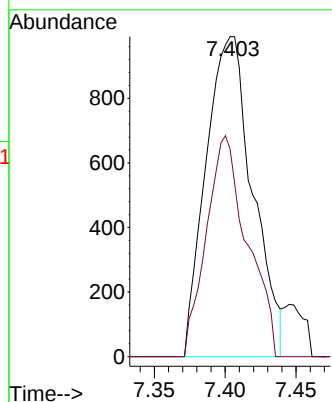
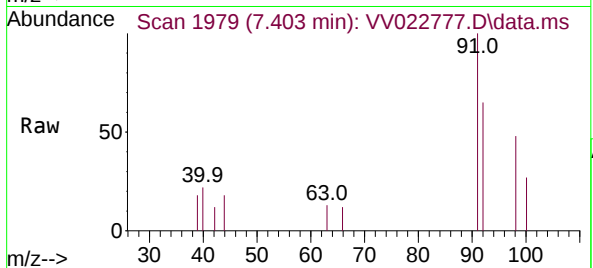
Lab File: VV022777.D

Acq: 13 Oct 2021 21:49

Tgt Ion: 91 Resp: 2274

Ion	Ratio	Lower	Upper
91	100		
92	64.8	40.7	75.7

Instrument :
MSVOA_V
ClientSampled :



#48

2-Hexanone

Concen: 2.970 ug/L

RT: 8.091 min Scan# 2193

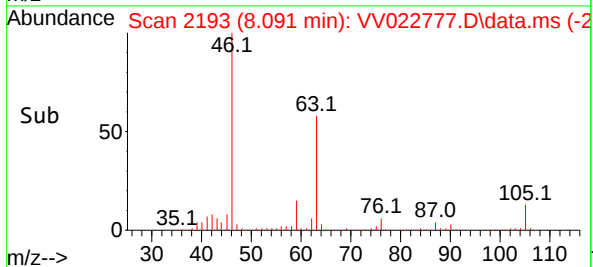
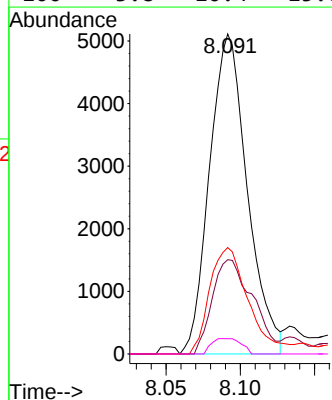
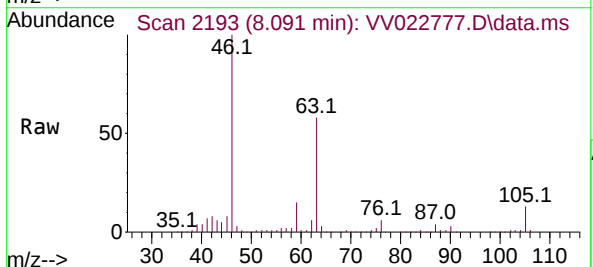
Delta R.T. -0.052 min

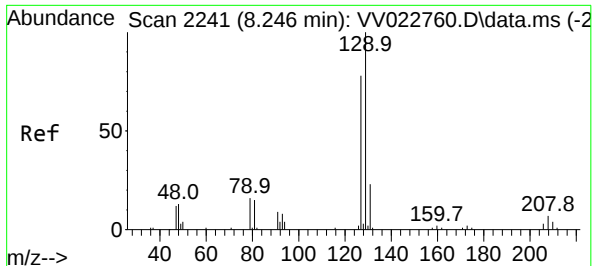
Lab File: VV022777.D

Acq: 13 Oct 2021 21:49

Tgt Ion: 43 Resp: 9040

Ion	Ratio	Lower	Upper
43	100		
58	31.7	47.4	71.0#
57	34.1	15.3	22.9#
100	3.8	10.4	15.6#





#49

Dibromochloromethane

Concen: 0.112 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.006 min

Lab File: VV022777.D

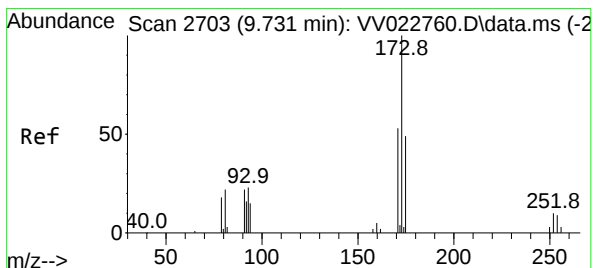
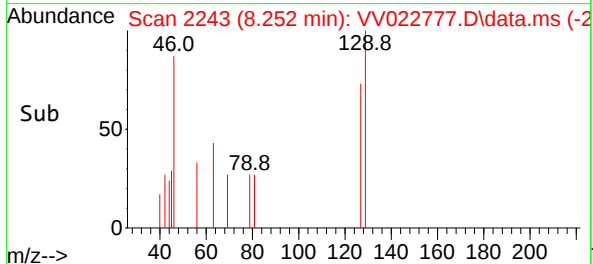
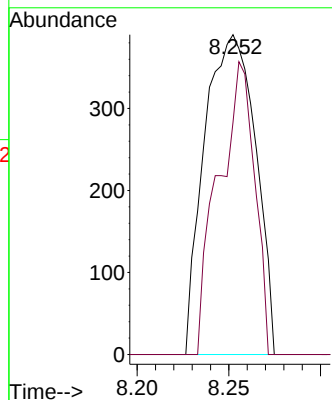
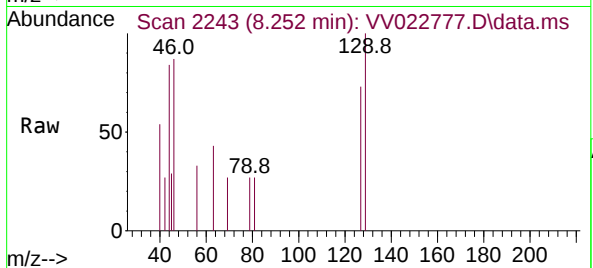
Acq: 13 Oct 2021 21:49

Tgt Ion:129 Resp: 754

Ion Ratio Lower Upper

129 100

127 72.6 59.1 109.9



#59

Bromoform

Concen: 0.197 ug/L

RT: 9.735 min Scan# 2704

Delta R.T. 0.003 min

Lab File: VV022777.D

Acq: 13 Oct 2021 21:49

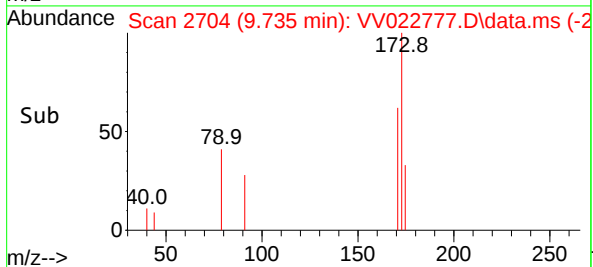
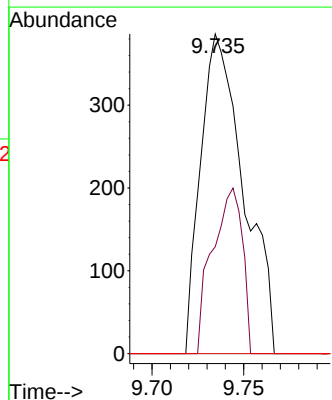
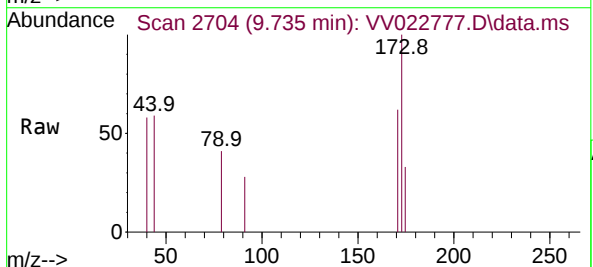
Tgt Ion:173 Resp: 630

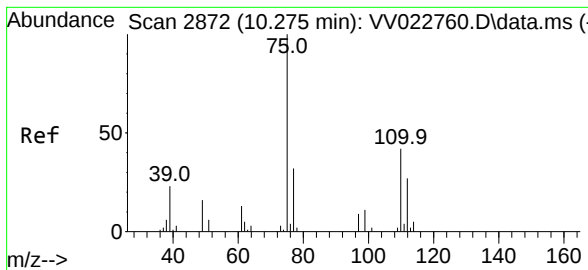
Ion Ratio Lower Upper

173 100

175 36.0 38.3 57.5#

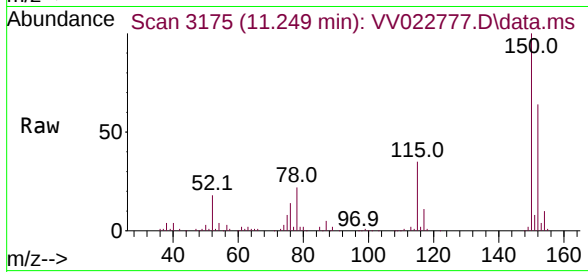
254 0.0 7.1 10.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.675 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022777.D
 Acq: 13 Oct 2021 21:49

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6639
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2
 110 1.5 34.2 51.4#

