

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022770.D
 Acq On : 13 Oct 2021 18:38
 Operator : SY/MD
 Sample : M4109-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:16:26 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	118415	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	123396	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56827	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32227	3.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.568	69	34024	4.647	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.108	63	51525	3.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.400%
20) 2-Butanone-d5	3.899	46	95926	44.905	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.800%
24) Chloroform-d	4.352	84	80675	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.037	65	37999	4.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.053	84	148578	4.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.072	67	48979	4.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.320	98	123613	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.625	79	14714	4.077	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.092	63	81656	56.147	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36571	4.962	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	52762	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%

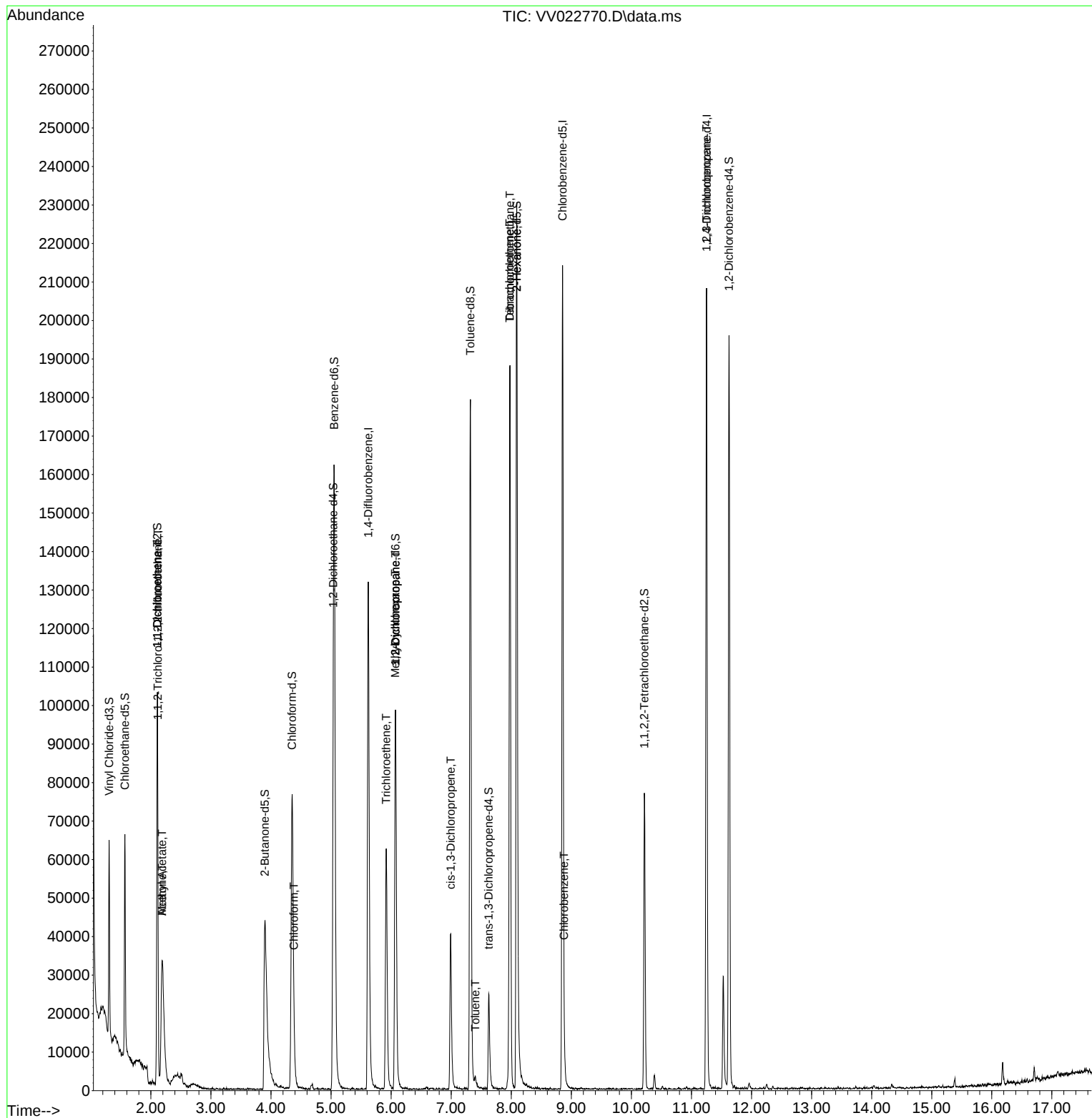
Target Compounds					Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	880	0.115 ug/L	# 39
12) 1,1-Dichloroethene	2.108	96	566	0.079 ug/L	# 1
13) Acetone	2.188	43	73177	61.432 ug/L	# 46
15) Methyl Acetate	2.188	43	69423	20.369 ug/L	# 50
25) Chloroform	4.381	83	6904	0.425 ug/L	# 98
34) Trichloroethene	5.918	95	22648	2.506 ug/L	# 97
35) Methylcyclohexane	6.069	83	11645	0.920 ug/L	# 16
37) 1,2-Dichloropropane	6.072	63	5253	0.657 ug/L	# 84
39) cis-1,3-Dichloropropene	6.992	75	1105	0.104 ug/L	# 80
42) Toluene	7.404	91	2143	0.064 ug/L	# 98
47) Tetrachloroethene	7.976	164	43754	5.986 ug/L	# 98
48) 2-Hexanone	8.092	43	9373	2.985 ug/L	# 61
49) Dibromochloromethane	7.979	129	38742	5.580 ug/L	# 7
51) Chlorobenzene	8.879	112	2244	0.101 ug/L	# 87
61) 1,2,3-Trichloropropane	11.249	75	6222	1.576 ug/L	# 62

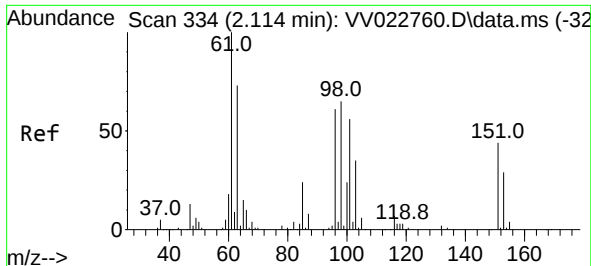
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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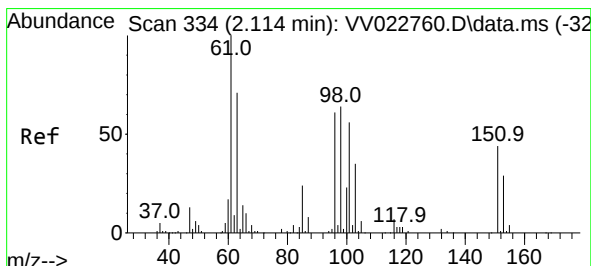
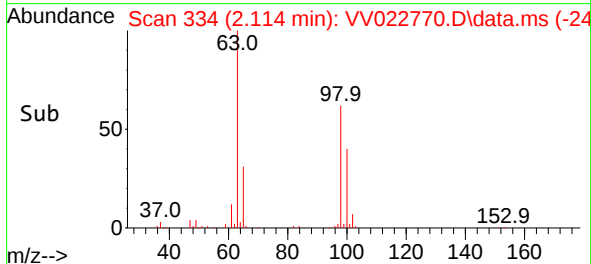
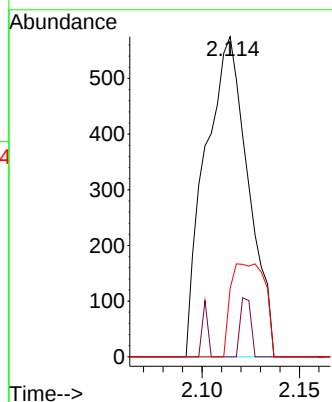
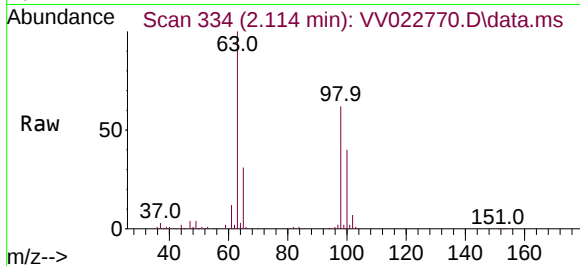




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.115 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022770.D
 Acq: 13 Oct 2021 18:38

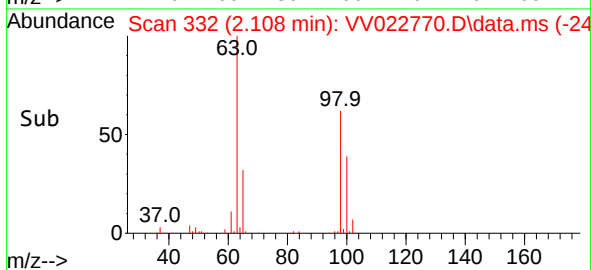
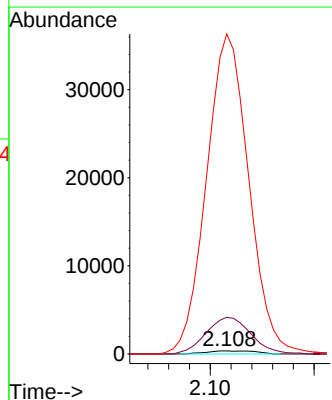
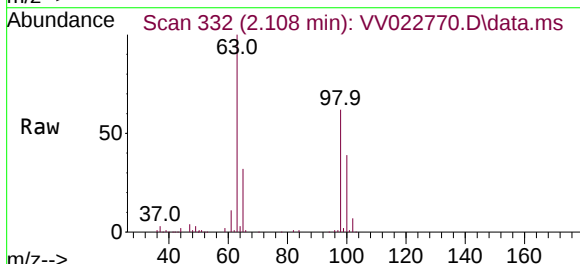
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 MSVOA_V
 ClientSampleId :

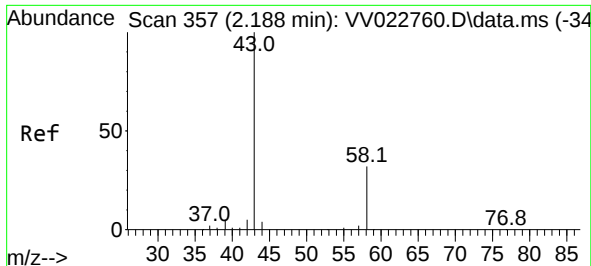
Tgt Ion:101 Resp: 880
 Ion Ratio Lower Upper
 101 100
 85 4.5 34.6 52.0#
 151 23.3 60.9 91.3#



#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV022770.D
 Acq: 13 Oct 2021 18:38

Tgt Ion: 96 Resp: 566
 Ion Ratio Lower Upper
 96 100
 61 1203.5 127.3 236.5#
 63 10527.5 106.2 197.2#

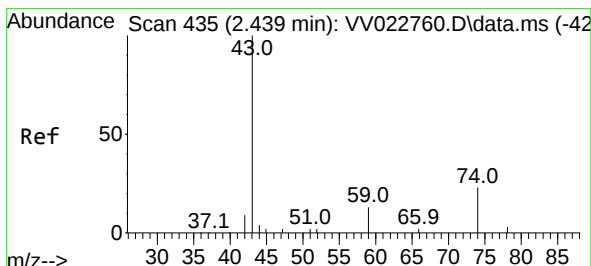
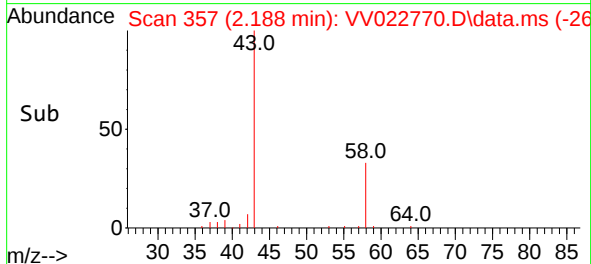
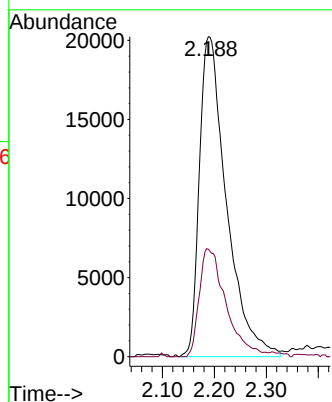
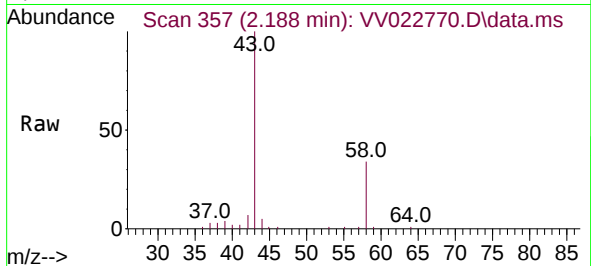




#13
Acetone
Concen: 61.432 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.000 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

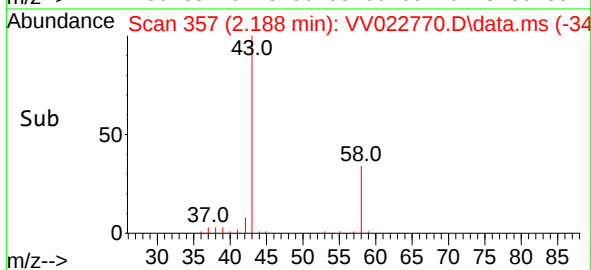
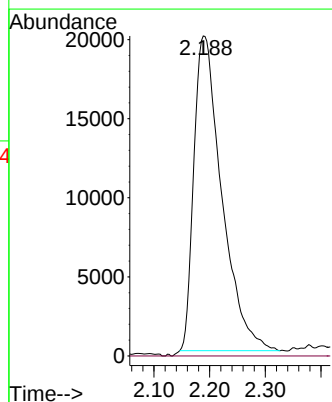
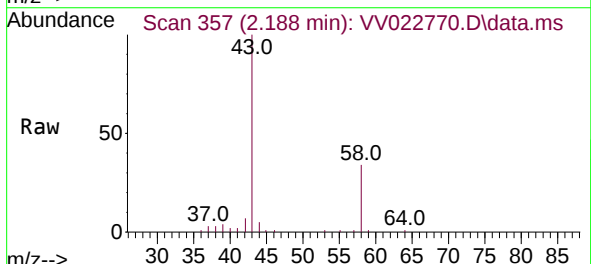
Instrument :
MSVOA_V
ClientSampled :

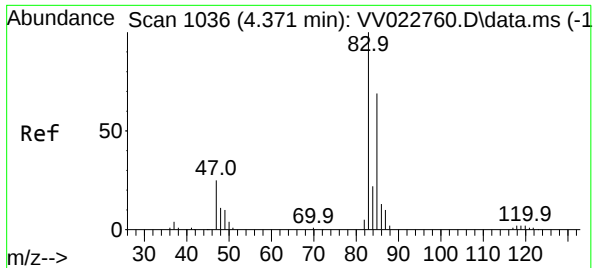
Tgt Ion: 43 Resp: 73177
Ion Ratio Lower Upper
43 100
58 33.2 0.0 24.2#



#15
Methyl Acetate
Concen: 20.369 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.251 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

Tgt Ion: 43 Resp: 69423
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#

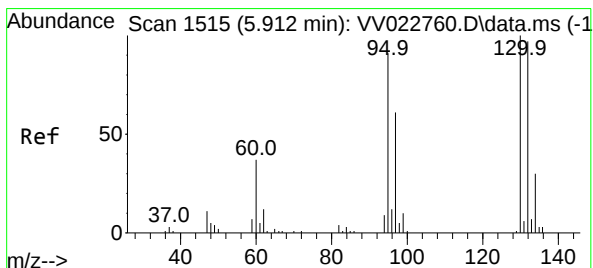
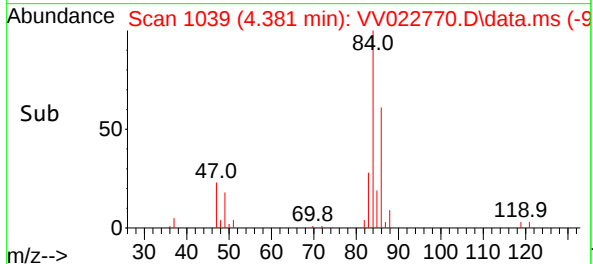
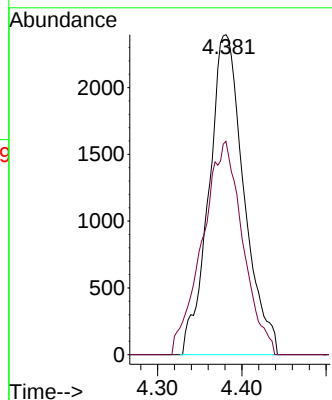
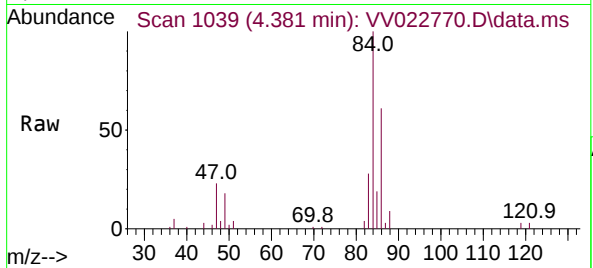




#25
Chloroform
Concen: 0.425 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

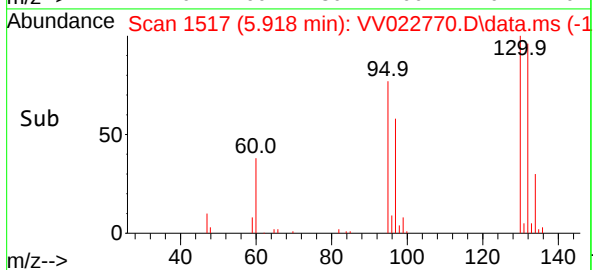
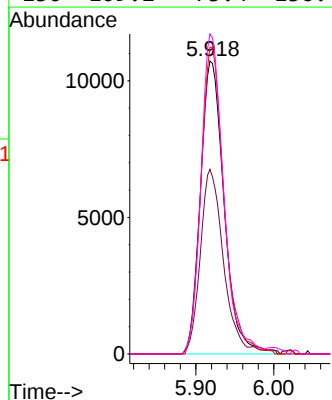
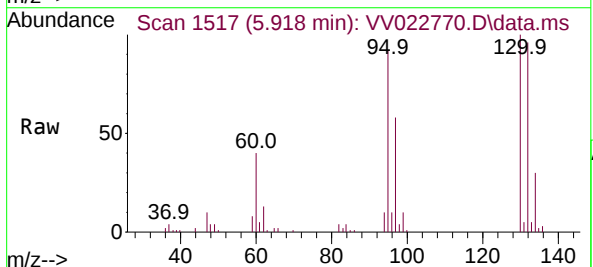
Instrument :
MSVOA_V
ClientSampled :

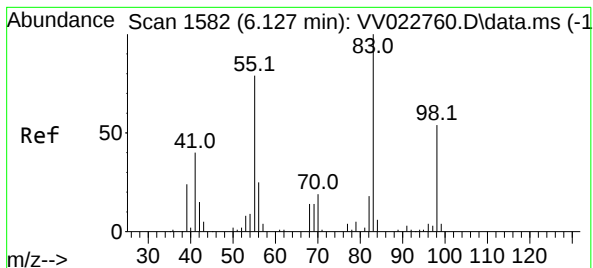
Tgt Ion: 83 Resp: 6904
Ion Ratio Lower Upper
83 100
85 66.7 45.7 84.9



#34
Trichloroethene
Concen: 2.506 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

Tgt Ion: 95 Resp: 22648
Ion Ratio Lower Upper
95 100
97 63.1 45.8 85.2
132 104.8 72.2 134.0
130 109.2 73.4 136.4





#35

Methylcyclohexane

Concen: 0.920 ug/L

RT: 6.069 min Scan# 1564

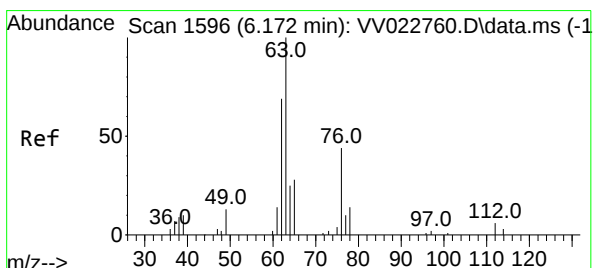
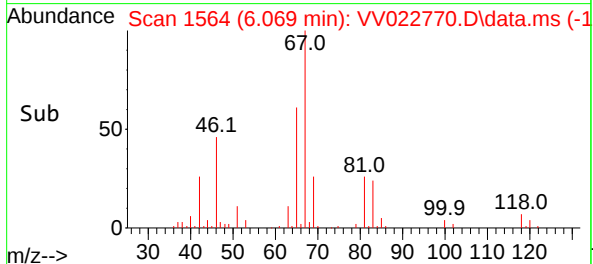
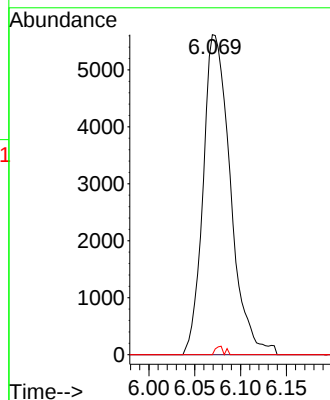
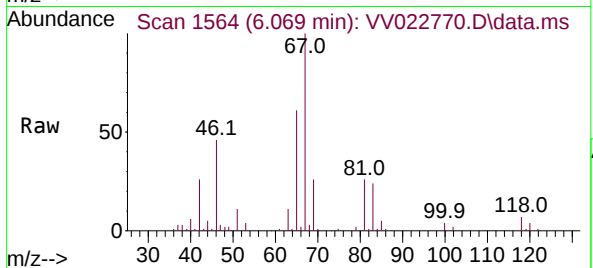
Delta R.T. -0.058 min

Lab File: VV022770.D

Acq: 13 Oct 2021 18:38

Tgt Ion:	83	Resp:	11645
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.8	95.6#
98	0.8	42.1	63.1#

Instrument :
MSVOA_V
ClientSampled :



#37

1,2-Dichloropropane

Concen: 0.657 ug/L

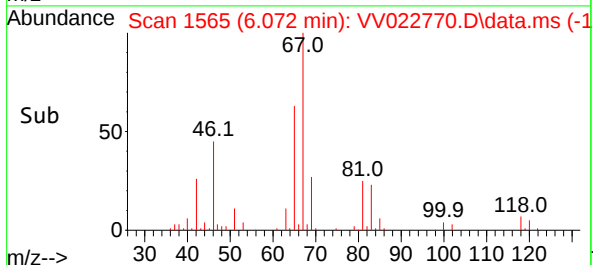
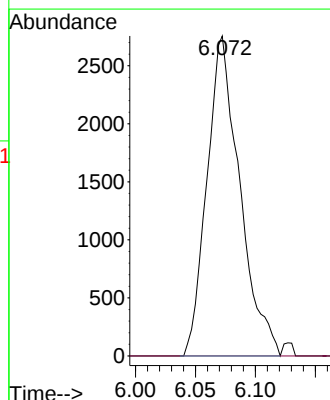
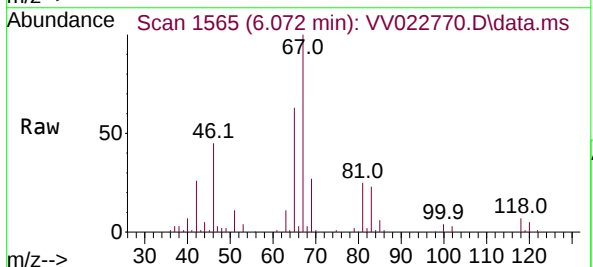
RT: 6.072 min Scan# 1565

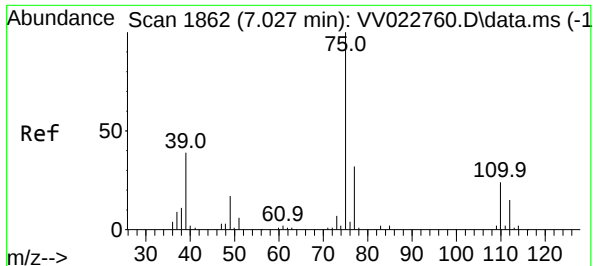
Delta R.T. -0.100 min

Lab File: VV022770.D

Acq: 13 Oct 2021 18:38

Tgt Ion:	63	Resp:	5253
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.4	6.6#



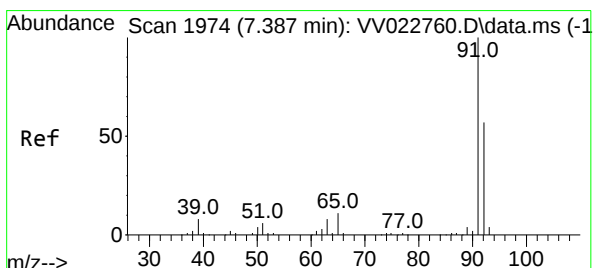
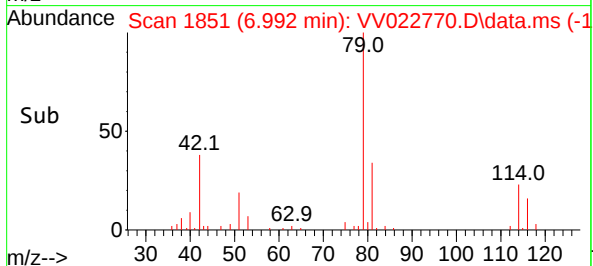
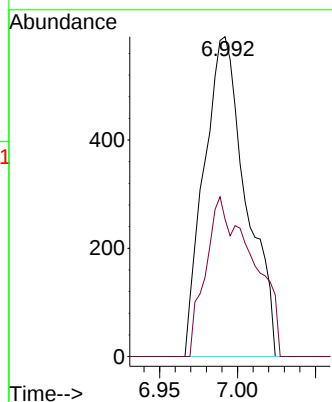
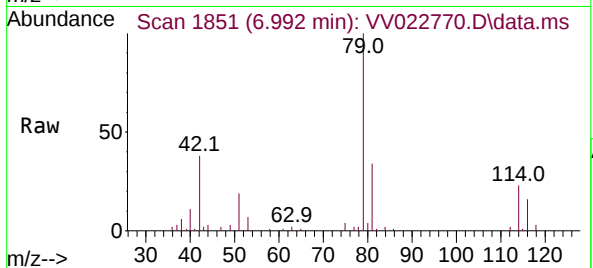


#39

cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 6.992 min Scan# 1851
 Delta R.T. -0.035 min
 Lab File: VV022770.D
 Acq: 13 Oct 2021 18:38

Instrument :
 MSVOA_V
 ClientSampled :

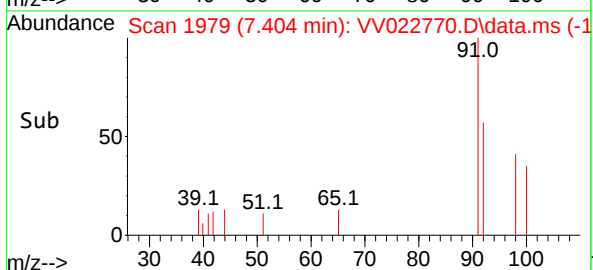
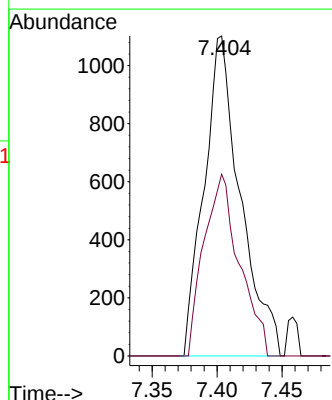
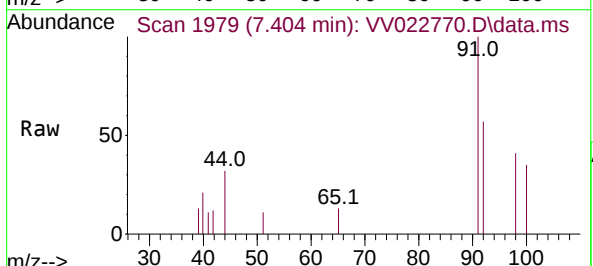
Tgt Ion: 75 Resp: 1105
 Ion Ratio Lower Upper
 75 100
 77 43.0 22.3 41.3#

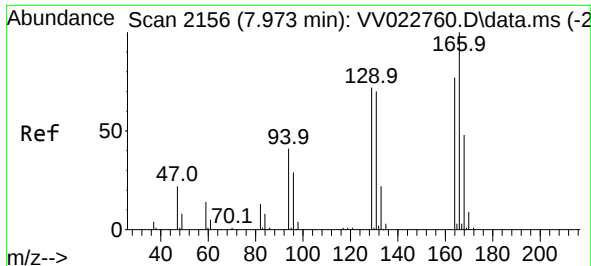


#42

Toluene
 Concen: 0.064 ug/L
 RT: 7.404 min Scan# 1979
 Delta R.T. 0.016 min
 Lab File: VV022770.D
 Acq: 13 Oct 2021 18:38

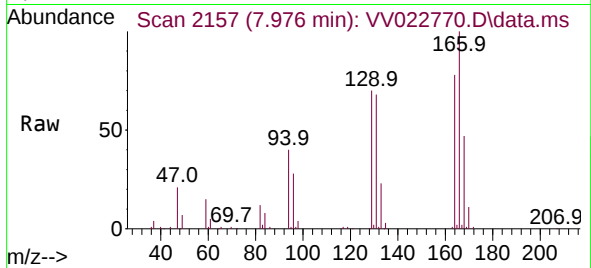
Tgt Ion: 91 Resp: 2143
 Ion Ratio Lower Upper
 91 100
 92 56.8 40.7 75.7



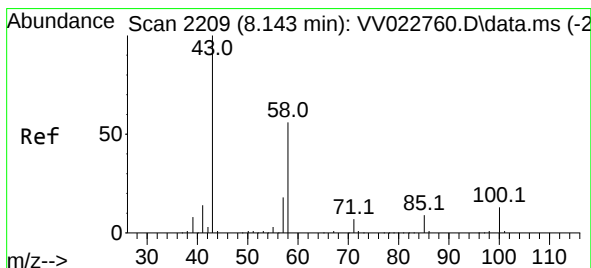
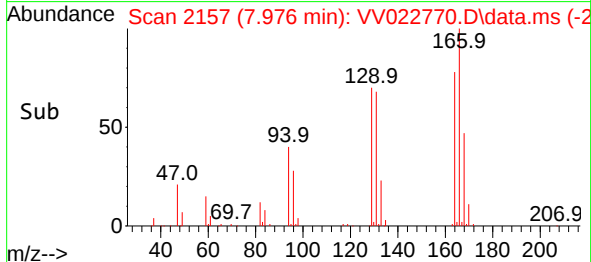
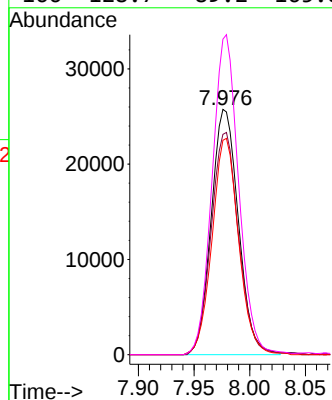


#47
Tetrachloroethene
Concen: 5.986 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

Instrument :
MSVOA_V
ClientSampleId :

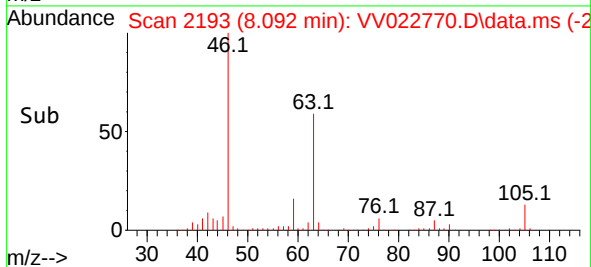
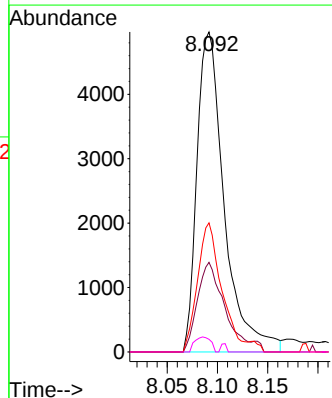
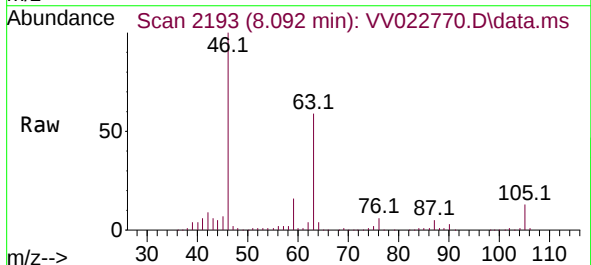


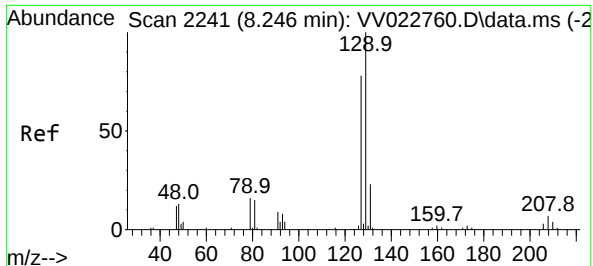
Tgt Ion:	164	Resp:	43754
Ion	Ratio	Lower	Upper
164	100		
129	89.9	65.0	120.6
131	87.4	62.2	115.4
166	128.7	89.2	165.8



#48
2-Hexanone
Concen: 2.985 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022770.D
Acq: 13 Oct 2021 18:38

Tgt Ion:	43	Resp:	9373
Ion	Ratio	Lower	Upper
43	100		
58	27.7	47.4	71.0#
57	36.8	15.3	22.9#
100	2.8	10.4	15.6#





#49

Dibromochloromethane

Concen: 5.580 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022770.D

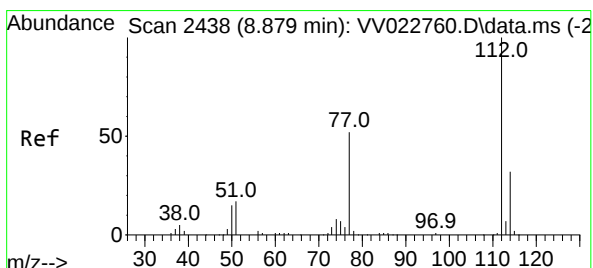
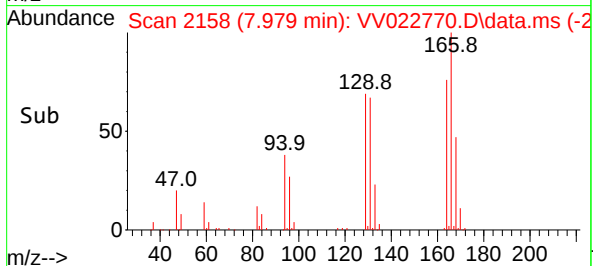
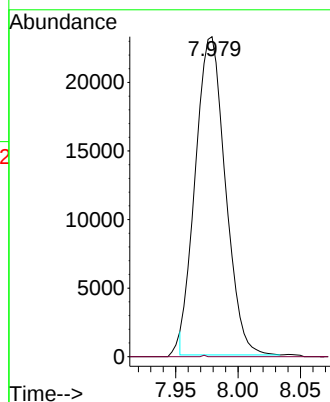
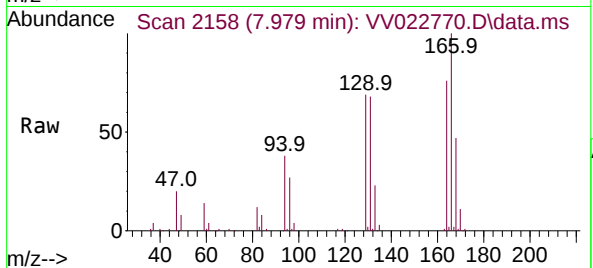
Acq: 13 Oct 2021 18:38

Tgt Ion:129 Resp: 38742

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#51

Chlorobenzene

Concen: 0.101 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV022770.D

Acq: 13 Oct 2021 18:38

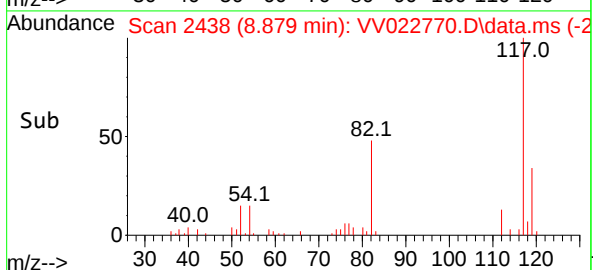
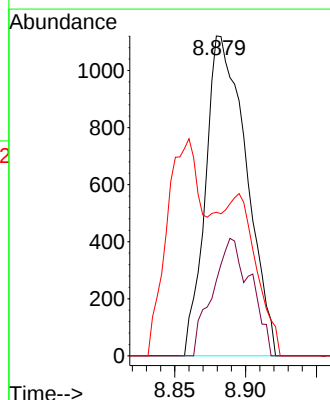
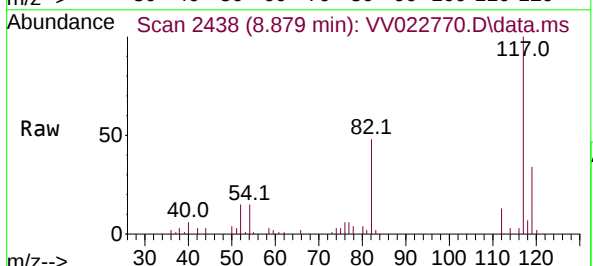
Tgt Ion:112 Resp: 2244

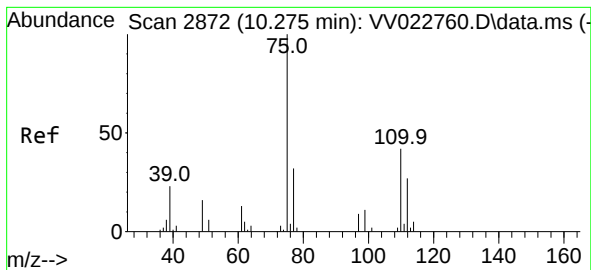
Ion Ratio Lower Upper

112 100

114 23.6 21.6 40.2

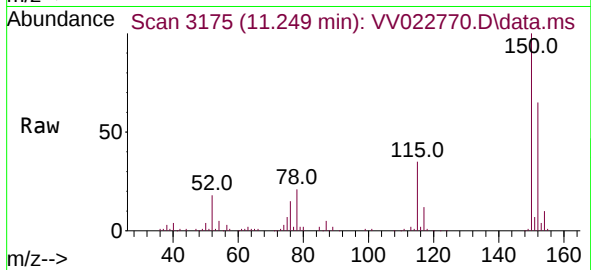
77 44.9 43.7 65.5





#61
 1,2,3-Trichloropropane
 Concen: 1.576 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022770.D
 Acq: 13 Oct 2021 18:38

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6222
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.2
 110 2.1 34.2 51.4#

