

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022776.D
 Acq On : 13 Oct 2021 21:25
 Operator : SY/MD
 Sample : M4167-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 14 02:17:56 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	115883	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	118981	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53961	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	32082	4.024	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	34386	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	44107	2.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.400%#
20) 2-Butanone-d5	3.889	46	100151	47.907	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.820%
24) Chloroform-d	4.352	84	82792	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.037	65	38407	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.053	84	151666	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	48803	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.320	98	126649	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.625	79	15362	4.415	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.088	63	80099	57.120	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38417	5.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53643	5.362	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%

Target Compounds

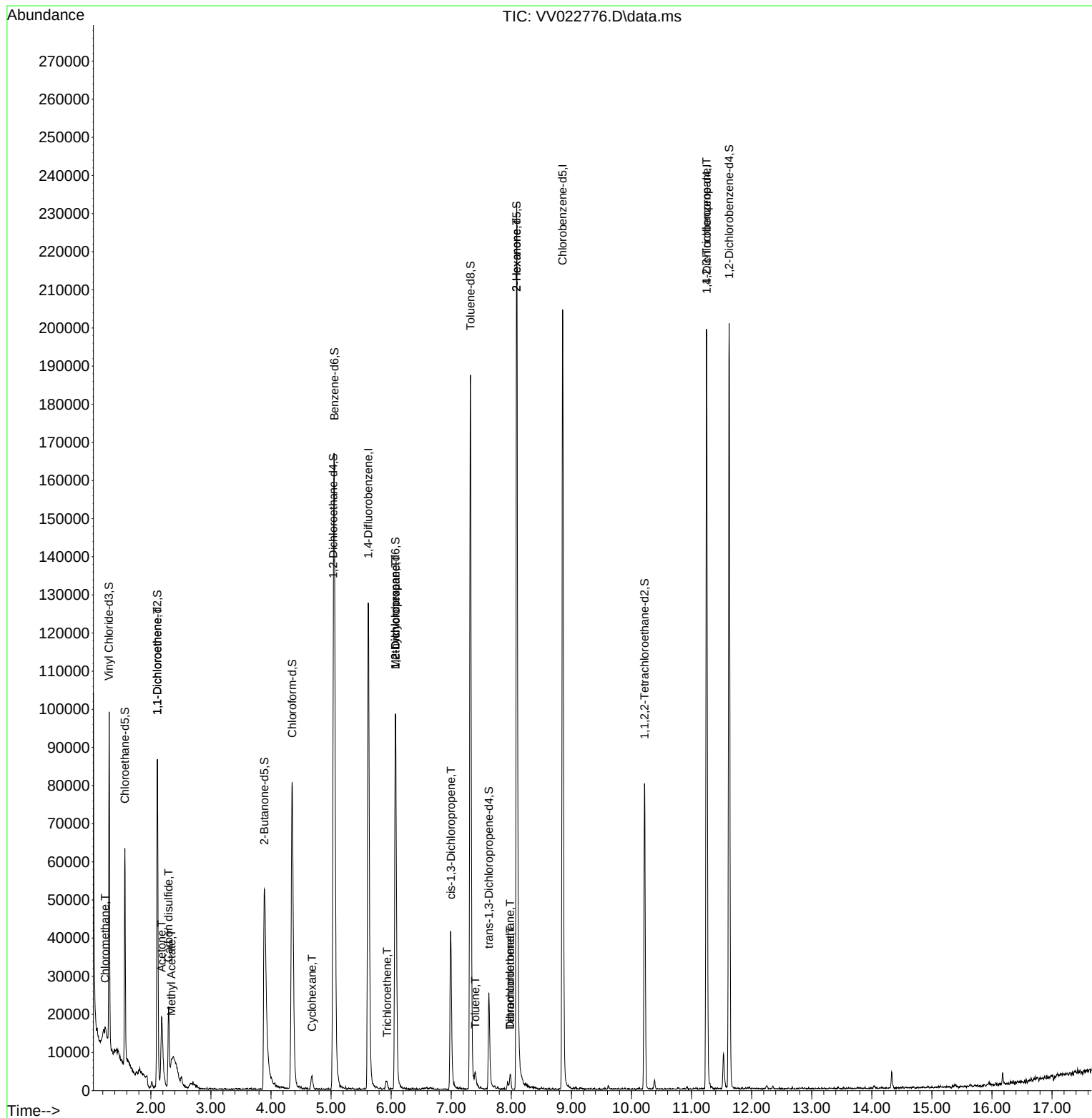
						Qvalue
3) Chloromethane	1.240	50	940	0.111	ug/L	85
12) 1,1-Dichloroethene	2.108	96	478	0.068	ug/L #	1
13) Acetone	2.179	43	28749	24.662	ug/L #	47
14) Carbon disulfide	2.294	76	23671	1.203	ug/L	98
15) Methyl Acetate	2.339	43	1349	0.404	ug/L #	50
30) Cyclohexane	4.680	56	1619	0.129	ug/L	85
34) Trichloroethene	5.934	95	605	0.069	ug/L	84
35) Methylcyclohexane	6.072	83	12630	1.035	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	5651	0.733	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1205	0.118	ug/L	85
42) Toluene	7.400	91	3670	0.113	ug/L	91
47) Tetrachloroethene	7.982	164	876	0.124	ug/L	93
48) 2-Hexanone	8.088	43	9837	3.249	ug/L #	65
49) Dibromochloromethane	7.982	129	921	0.138	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	6159	1.643	ug/L #	63

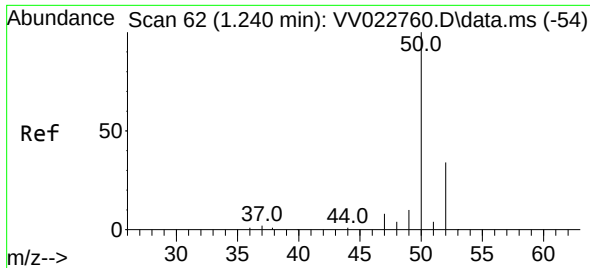
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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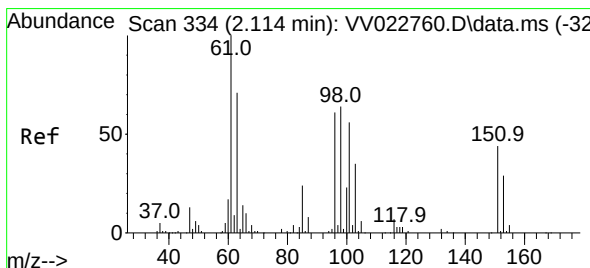
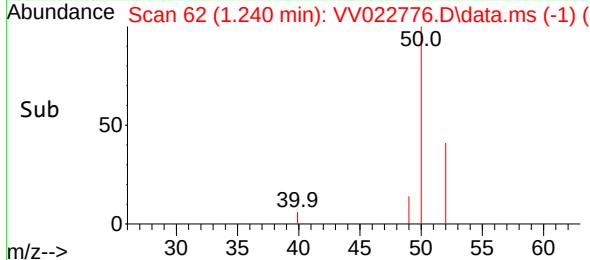
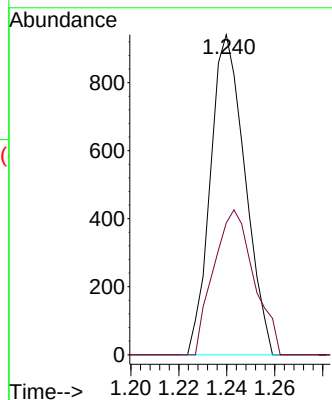
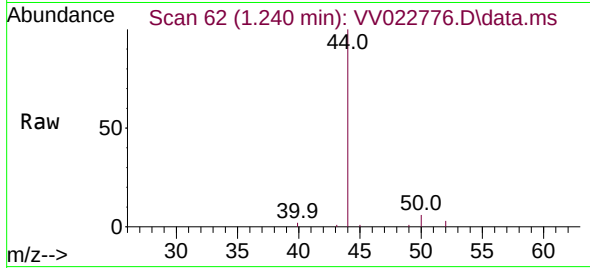




#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

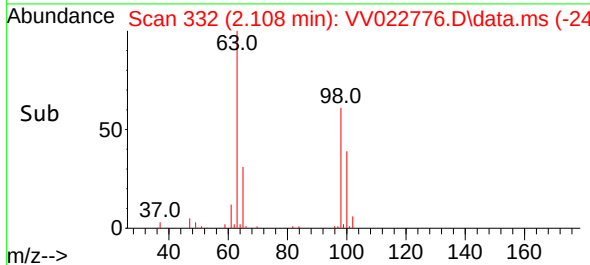
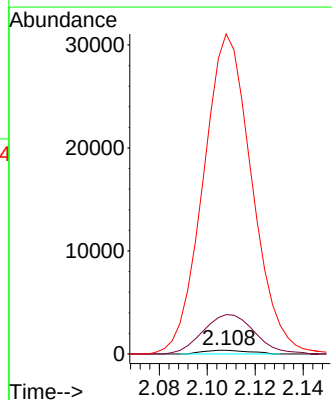
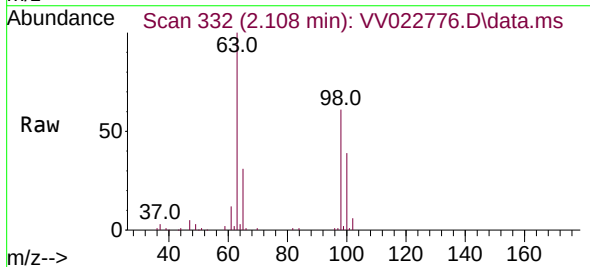
Instrument :
MSVOA_V
ClientSampled :

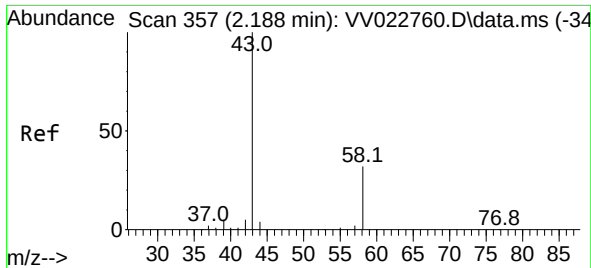
Tgt Ion: 50 Resp: 940
Ion Ratio Lower Upper
50 100
52 41.2 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.006 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 96 Resp: 478
Ion Ratio Lower Upper
96 100
61 1081.9 127.3 236.5#
63 8802.3 106.2 197.2#

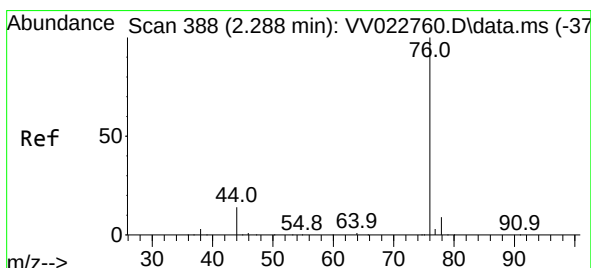
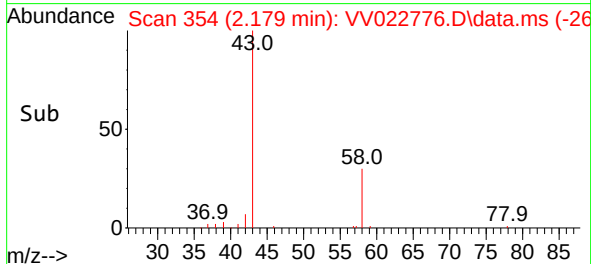
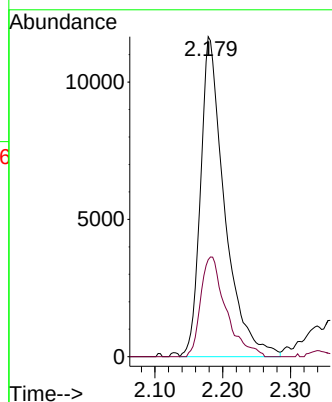
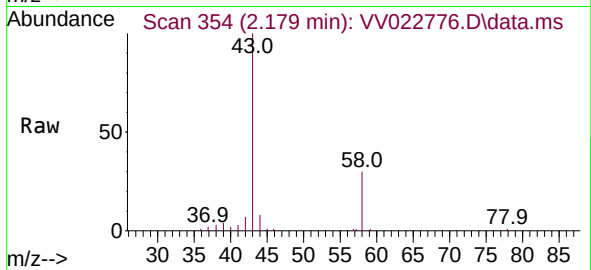




#13
Acetone
Concen: 24.662 ug/L
RT: 2.179 min Scan# 354
Delta R.T. -0.010 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

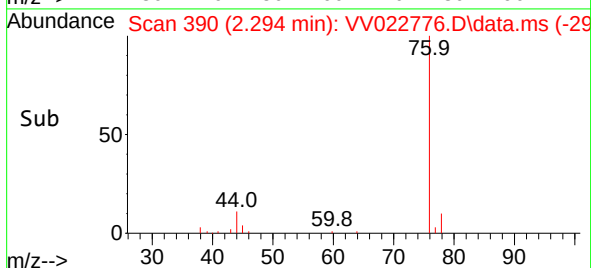
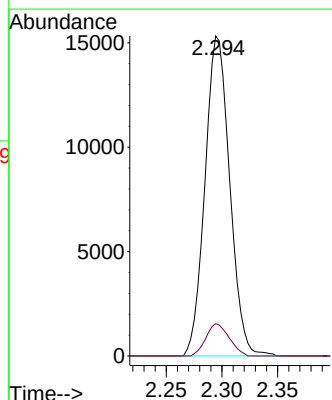
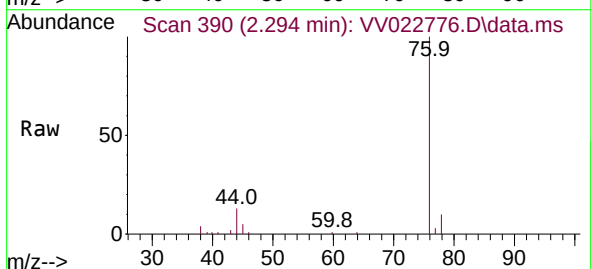
Instrument :
MSVOA_V
ClientSampled :

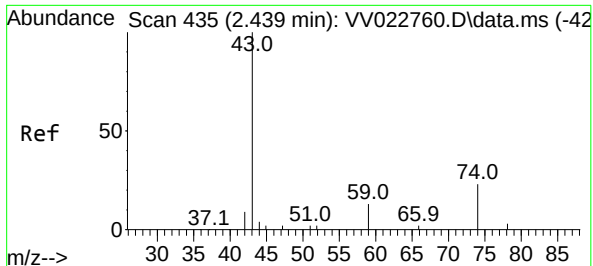
Tgt Ion: 43 Resp: 28749
Ion Ratio Lower Upper
43 100
58 32.7 0.0 24.2#



#14
Carbon disulfide
Concen: 1.203 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.006 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 76 Resp: 23671
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

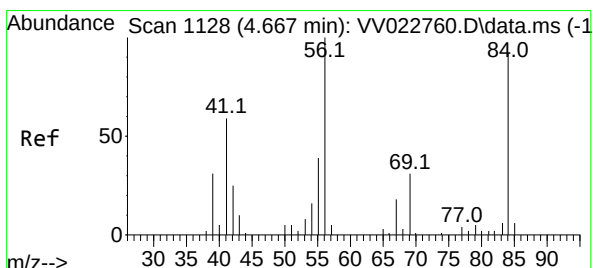
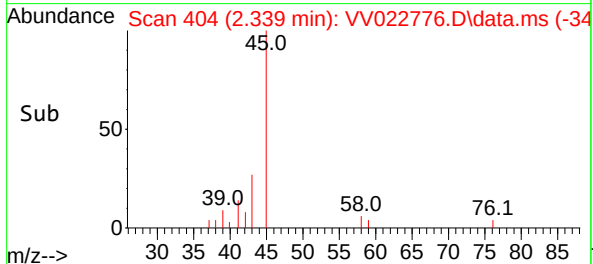
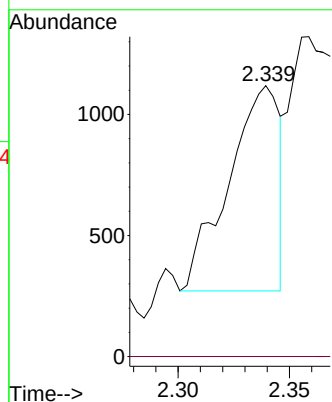
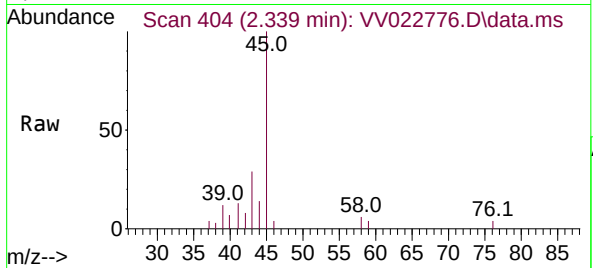




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.339 min Scan# 404
Delta R.T. -0.100 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

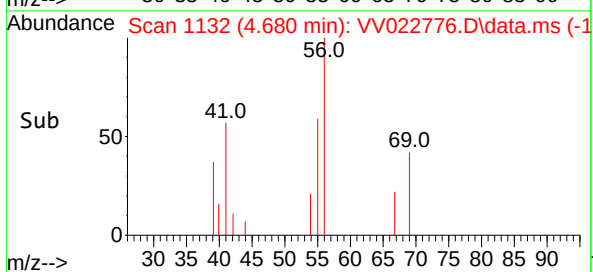
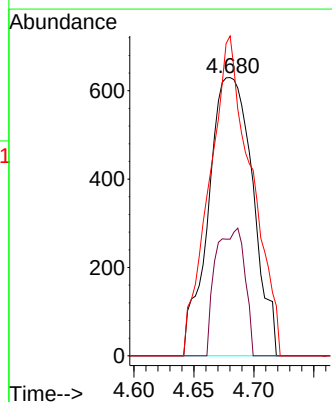
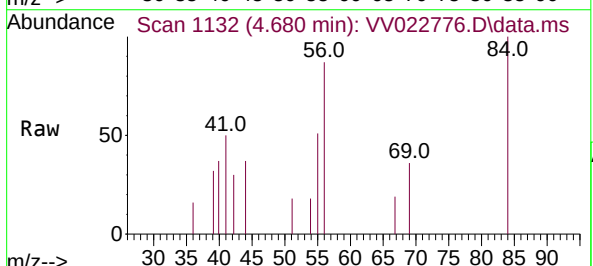
Instrument :
MSVOA_V
ClientSampleId :

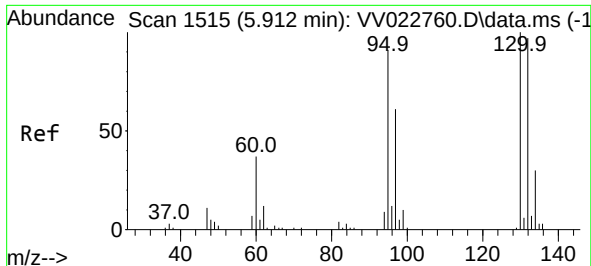
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#30
Cyclohexane
Concen: 0.129 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.013 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 56 Resp: 1619
Ion Ratio Lower Upper
56 100
69 30.0 24.9 37.3
84 108.5 72.5 108.7



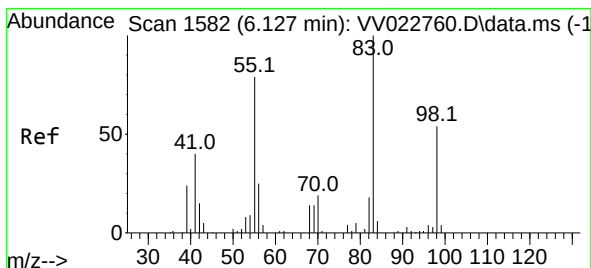
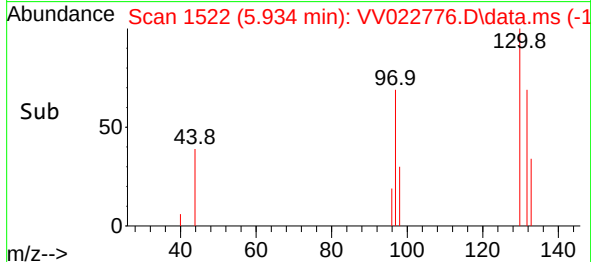
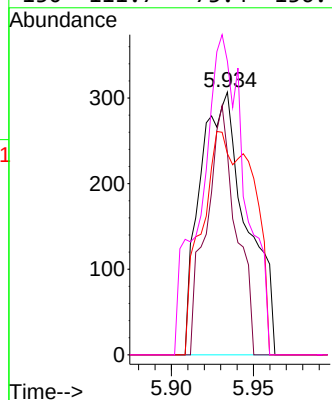
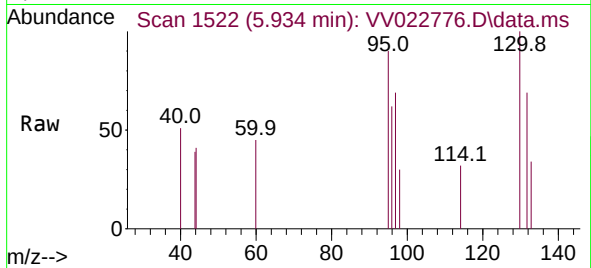


#34
Trichloroethene
Concen: 0.069 ug/L
RT: 5.934 min Scan# 1522
Delta R.T. 0.022 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 605

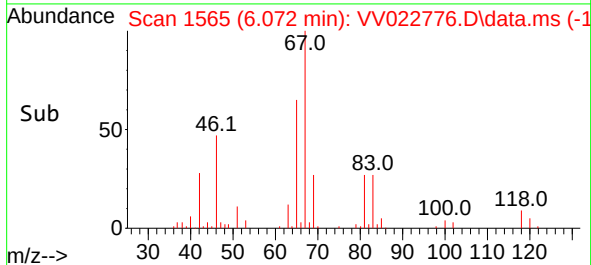
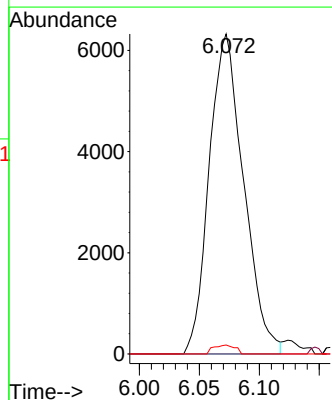
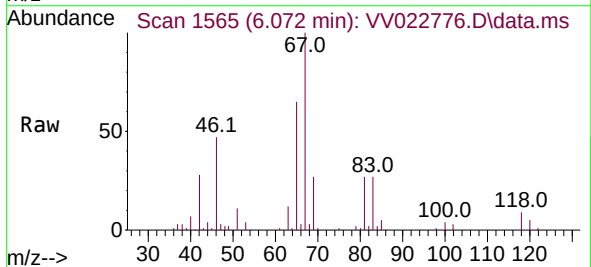
Ion	Ratio	Lower	Upper
95	100		
97	76.9	45.8	85.2
132	76.5	72.2	134.0
130	111.7	73.4	136.4

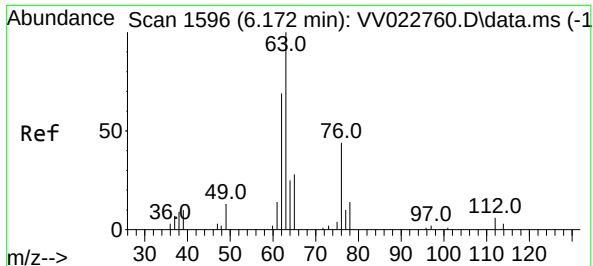


#35
Methylcyclohexane
Concen: 1.035 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 83 Resp: 12630

Ion	Ratio	Lower	Upper
83	100		
55	0.5	63.8	95.6#
98	1.7	42.1	63.1#





#37

1,2-Dichloropropane

Concen: 0.733 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.100 min

Lab File: VV022776.D

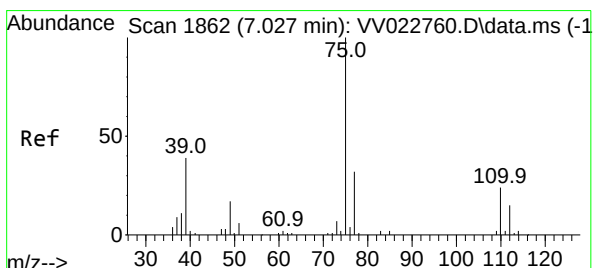
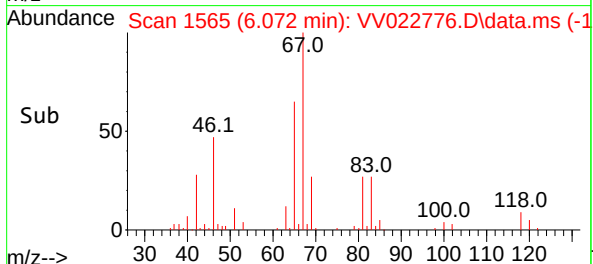
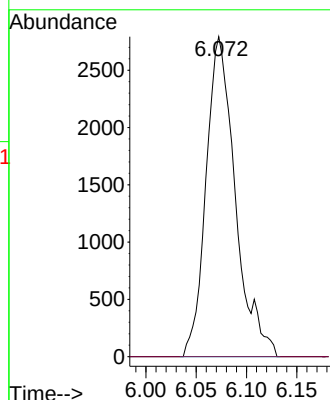
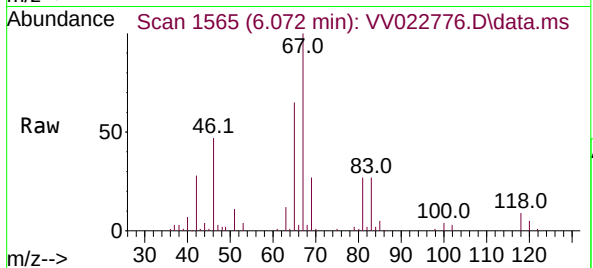
Acq: 13 Oct 2021 21:25

Tgt Ion: 63 Resp: 5651

Ion Ratio Lower Upper

63 100

112 0.0 4.4 6.6#



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV022776.D

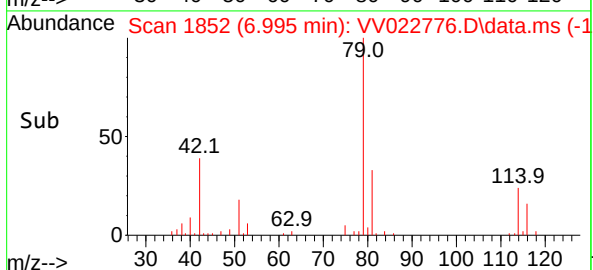
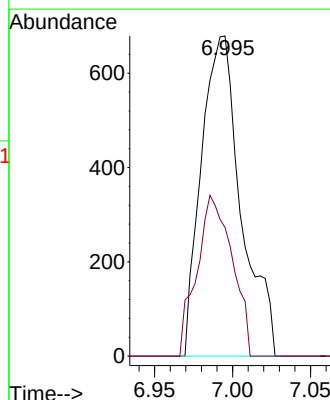
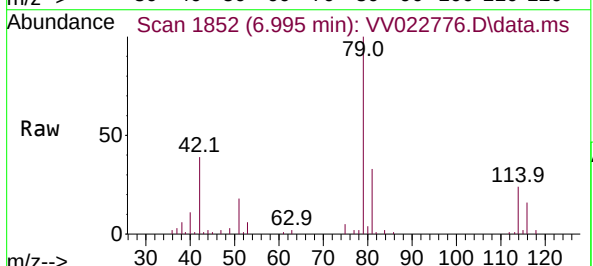
Acq: 13 Oct 2021 21:25

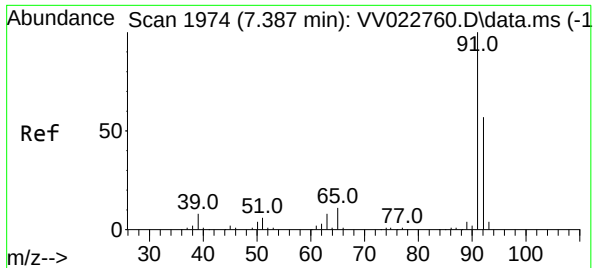
Tgt Ion: 75 Resp: 1205

Ion Ratio Lower Upper

75 100

77 40.2 22.3 41.3

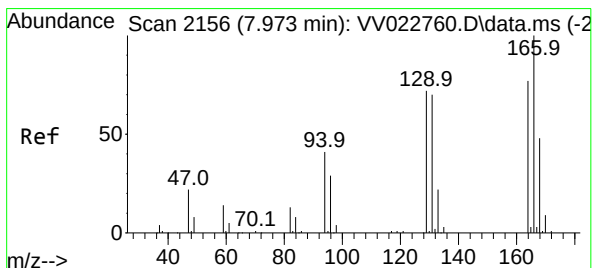
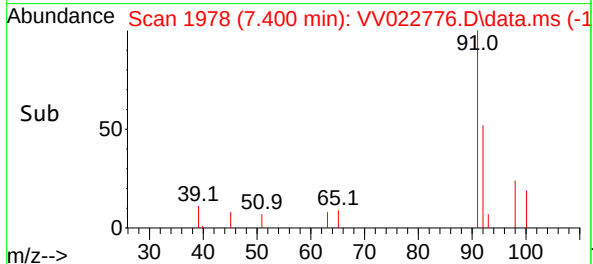
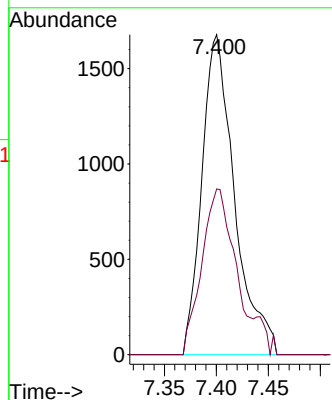
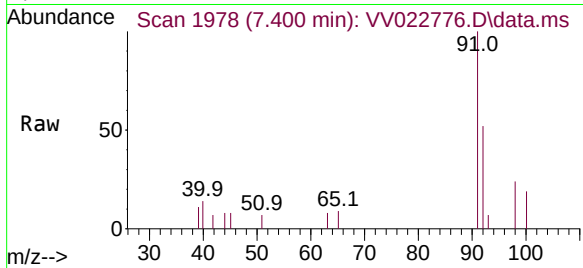




#42
Toluene
Concen: 0.113 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.013 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

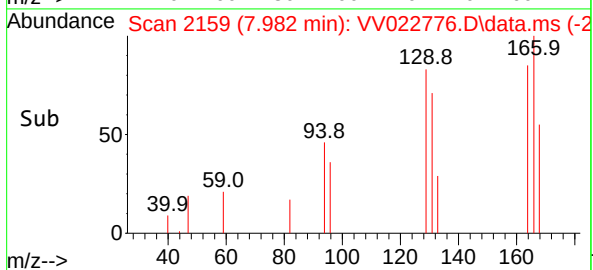
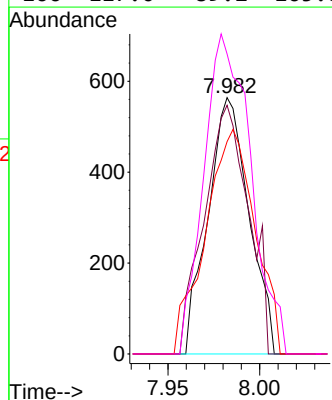
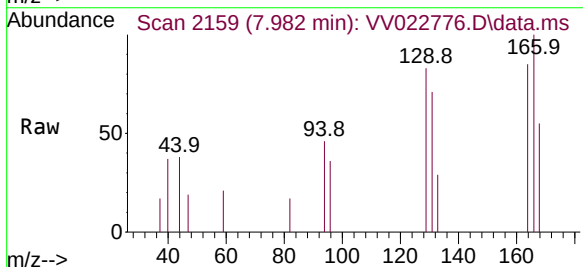
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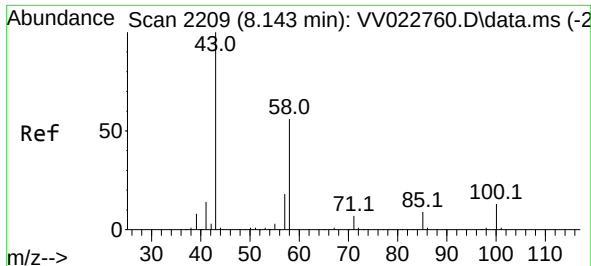
Tgt Ion: 91 Resp: 3670
Ion Ratio Lower Upper
91 100
92 51.8 40.7 75.7



#47
Tetrachloroethene
Concen: 0.124 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

Tgt Ion: 164 Resp: 876
Ion Ratio Lower Upper
164 100
129 97.0 65.0 120.6
131 82.8 62.2 115.4
166 117.0 89.2 165.8

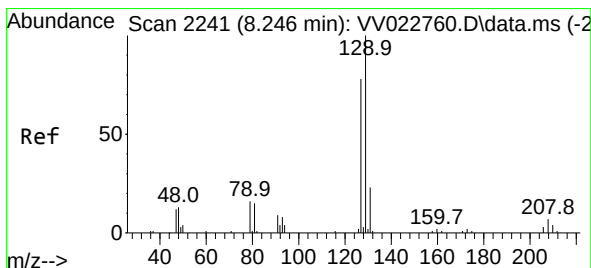
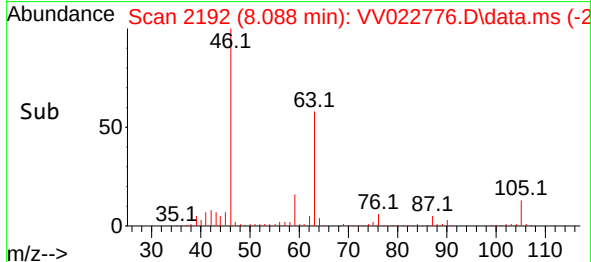
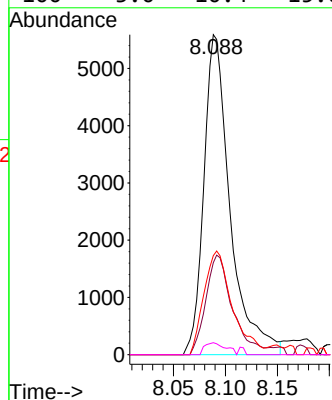
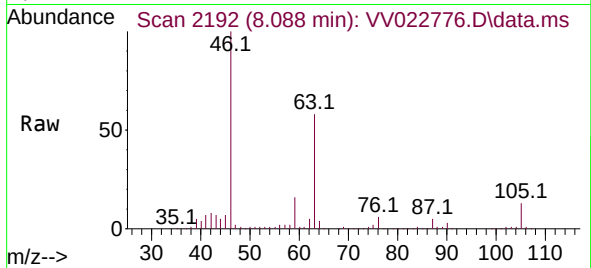




#48
2-Hexanone
Concen: 3.249 ug/L
RT: 8.088 min Scan# 2192
Delta R.T. -0.055 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

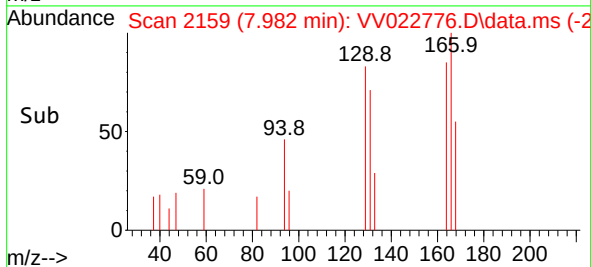
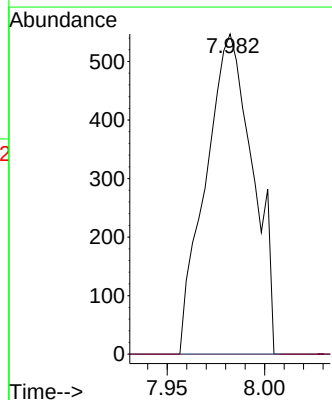
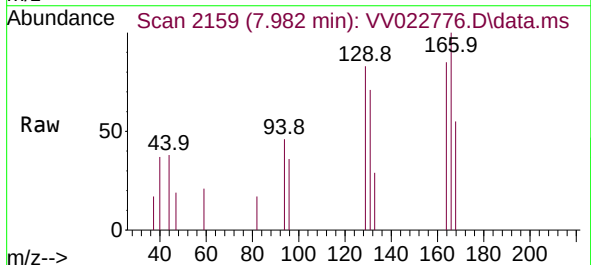
Instrument :
MSVOA_V
ClientSampled :

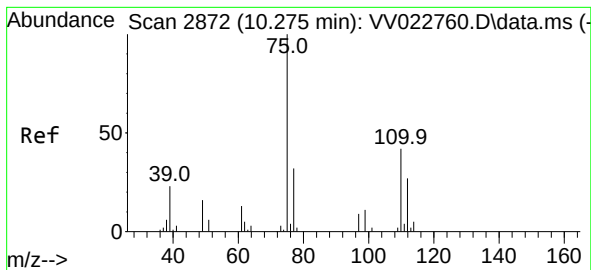
Tgt Ion:	43	Resp:	9837
Ion Ratio	Lower	Upper	
43	100		
58	31.5	47.4	71.0#
57	34.8	15.3	22.9#
100	3.0	10.4	15.6#



#49
Dibromochloromethane
Concen: 0.138 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.264 min
Lab File: VV022776.D
Acq: 13 Oct 2021 21:25

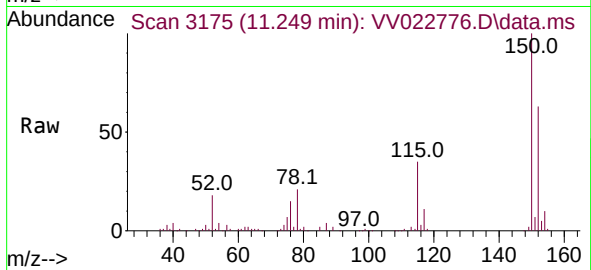
Tgt Ion:	129	Resp:	921
Ion Ratio	Lower	Upper	
129	100		
127	0.0	59.1	109.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.643 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022776.D
 Acq: 13 Oct 2021 21:25

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6159
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2
 110 1.4 34.2 51.4#

