

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101321\
 Data File : VW022766.D
 Acq On : 13 Oct 2021 17:02
 Operator : SY/MD
 Sample : M4109-17DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

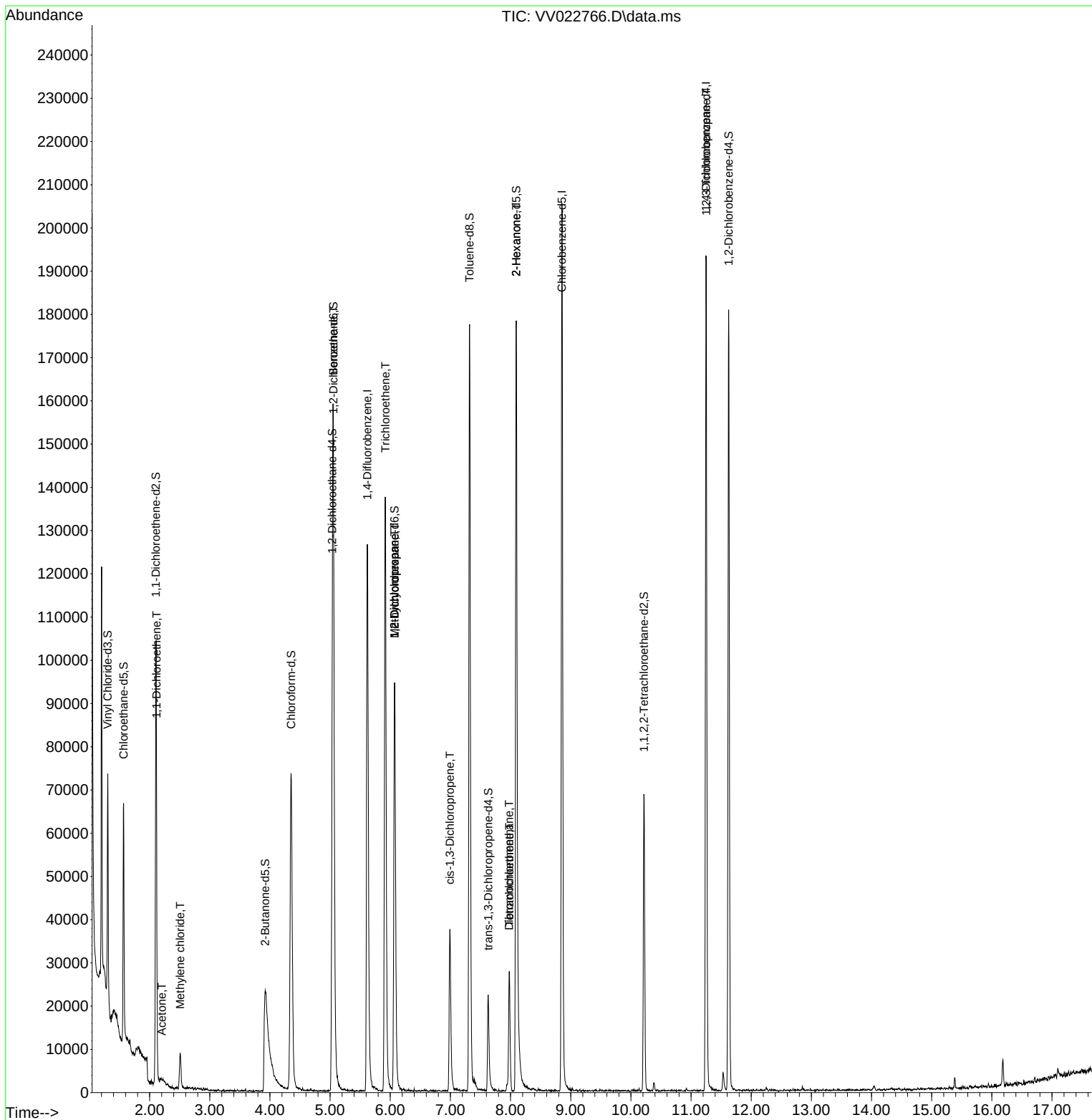
Quant Time: Oct 14 02:15:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 14 02:12:50 2021
 Response via : Initial Calibration

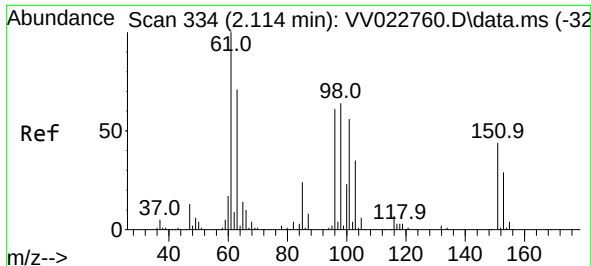
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114602	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	117859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54032	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33259	4.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.568	69	34612	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.105	63	52851	3.417	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.400%
20) 2-Butanone-d5	3.921	46	77108	37.297	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.600%
24) Chloroform-d	4.352	84	77863	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.037	65	35611	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	5.053	84	143854	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.072	67	46748	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.317	98	119388	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	7.628	79	13964	4.051	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.095	63	71279	51.315	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.620%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	33378	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	48668	4.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	1685	0.243	ug/L #	1
13) Acetone	2.201	43	1551	1.345	ug/L	87
16) Methylene chloride	2.510	84	3582	0.376	ug/L	88
27) 1,2-Dichloroethane	5.056	62	971	0.124	ug/L #	69
34) Trichloroethene	5.918	95	48541	5.623	ug/L	95
35) Methylcyclohexane	6.072	83	11344	0.938	ug/L #	16
37) 1,2-Dichloropropane	6.072	63	5204	0.682	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	932	0.092	ug/L #	46
47) Tetrachloroethene	7.979	164	6615	0.948	ug/L	93
48) 2-Hexanone	8.095	43	7930	2.644	ug/L #	64
49) Dibromochloromethane	7.976	129	6487	0.978	ug/L #	7
61) 1,2,3-Trichloropropane	11.252	75	6014	1.602	ug/L #	61

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

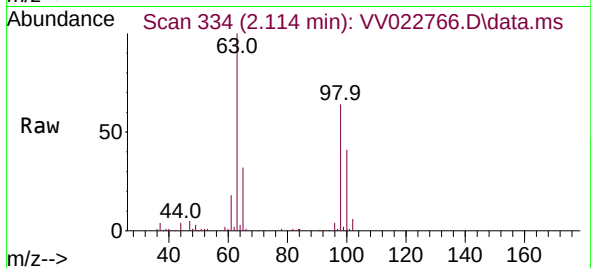
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 14 02:12:50 2021
Response via : Initial Calibration



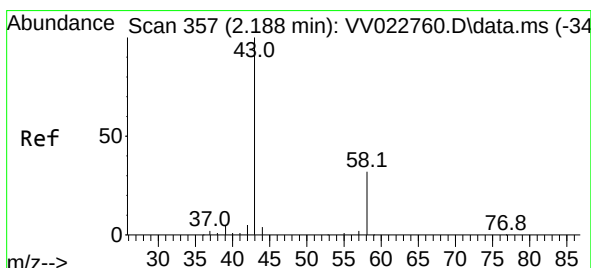
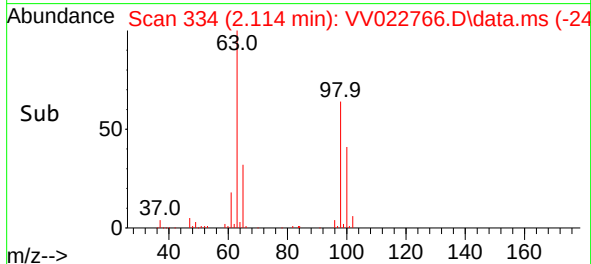
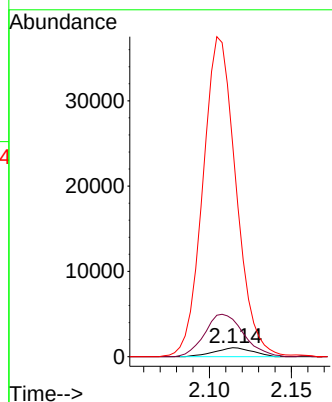


#12
1,1-Dichloroethene
Concen: 0.243 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

Instrument :
MSVOA_V
ClientSampleId :

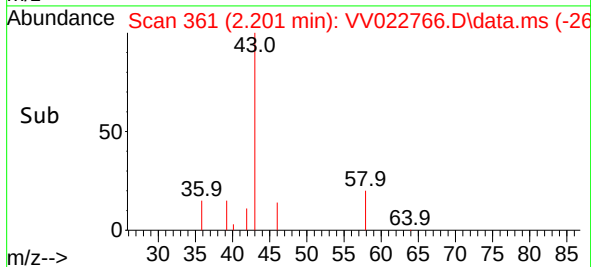
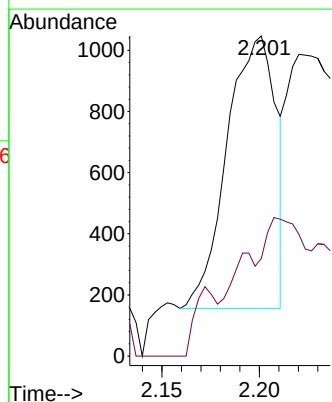
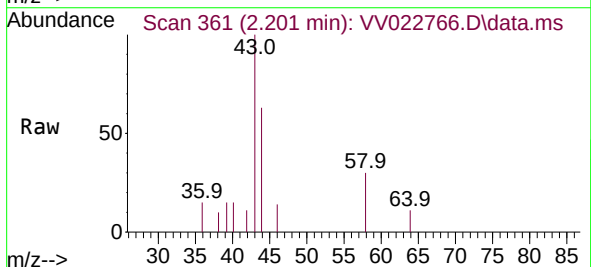


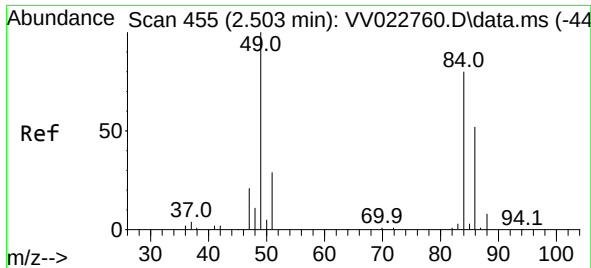
Tgt Ion: 96 Resp: 1685
Ion Ratio Lower Upper
96 100
61 420.0 127.3 236.5#
63 2375.5 106.2 197.2#



#13
Acetone
Concen: 1.345 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.013 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

Tgt Ion: 43 Resp: 1551
Ion Ratio Lower Upper
43 100
58 17.2 0.0 24.2

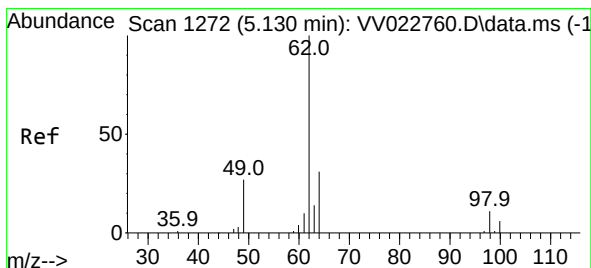
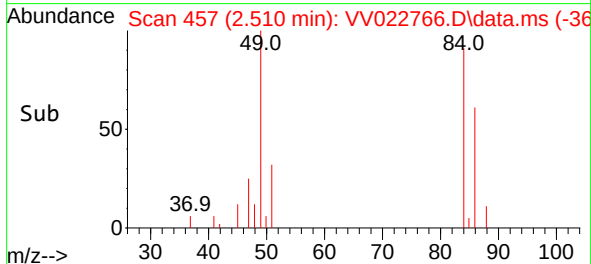
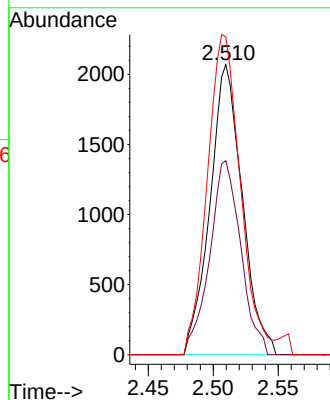
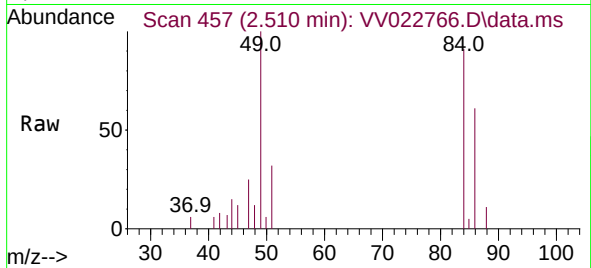




#16
Methylene chloride
Concen: 0.376 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.006 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

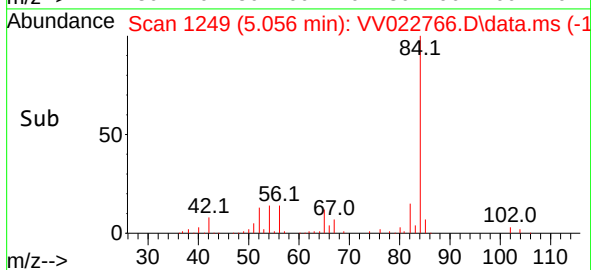
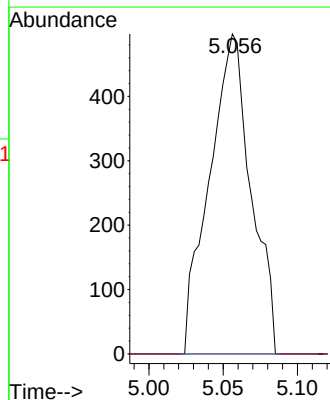
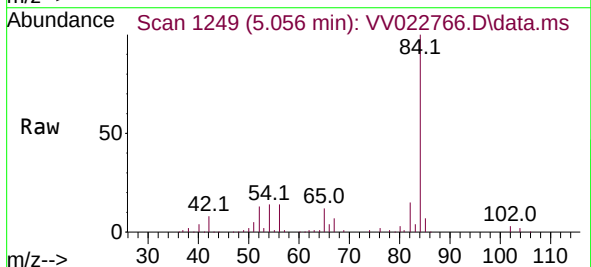
Instrument :
MSVOA_V
ClientSampled :

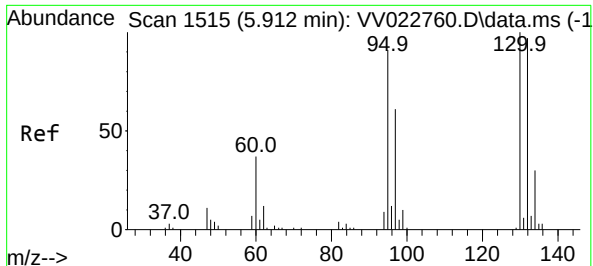
Tgt Ion: 84 Resp: 3582
Ion Ratio Lower Upper
84 100
86 66.9 45.8 85.2
49 109.6 90.3 167.7



#27
1,2-Dichloroethane
Concen: 0.124 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.074 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

Tgt Ion: 62 Resp: 971
Ion Ratio Lower Upper
62 100
98 0.0 9.7 14.5#





#34

Trichloroethene

Concen: 5.623 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV022766.D

Acq: 13 Oct 2021 17:02

Tgt Ion: 95 Resp: 48541

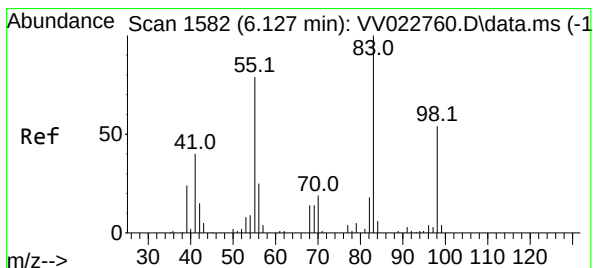
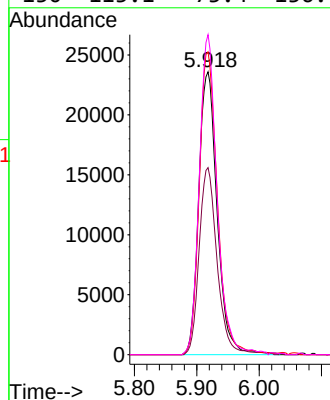
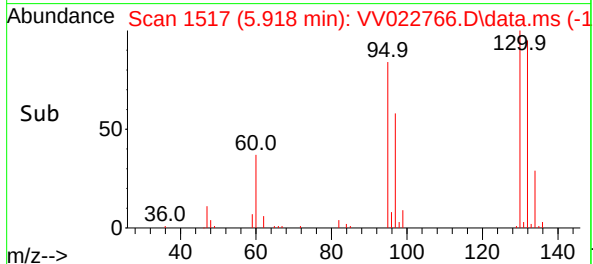
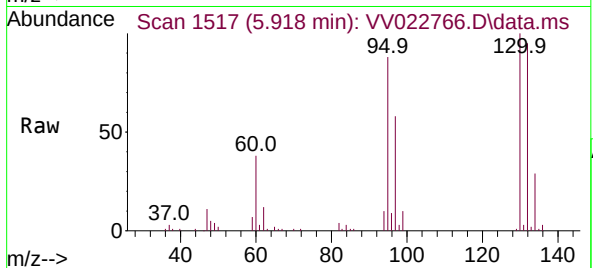
Ion Ratio Lower Upper

95 100

97 66.1 45.8 85.2

132 107.1 72.2 134.0

130 113.1 73.4 136.4



#35

Methylcyclohexane

Concen: 0.938 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV022766.D

Acq: 13 Oct 2021 17:02

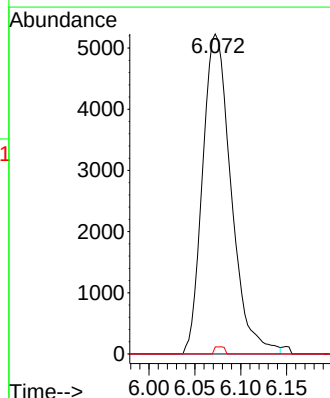
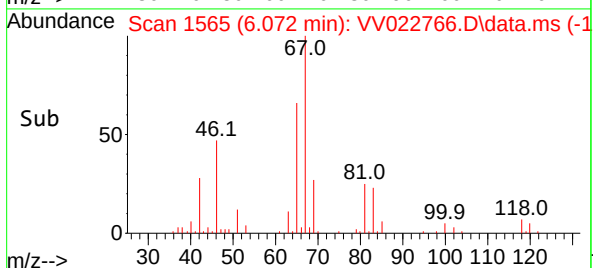
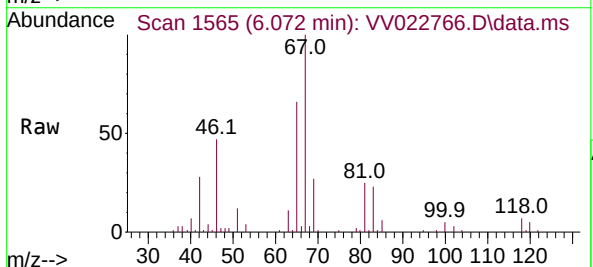
Tgt Ion: 83 Resp: 11344

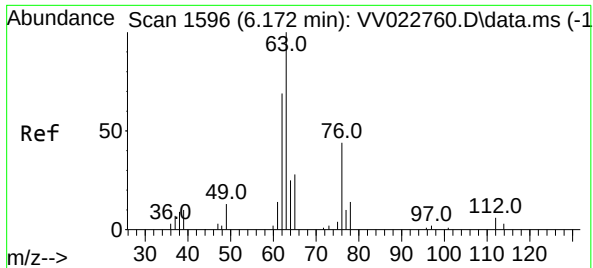
Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

98 0.8 42.1 63.1#

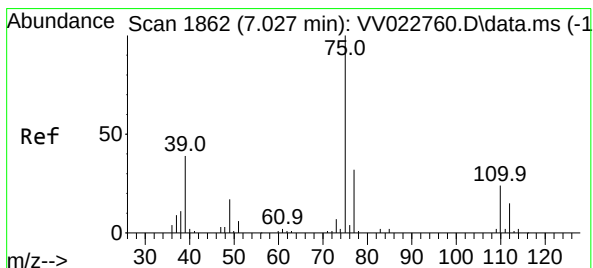
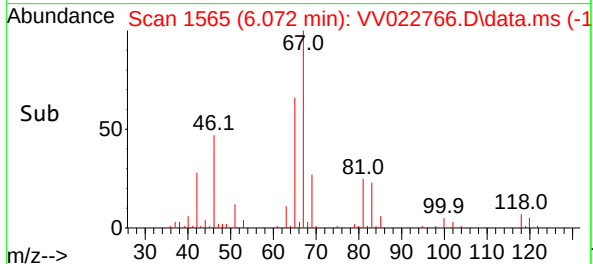
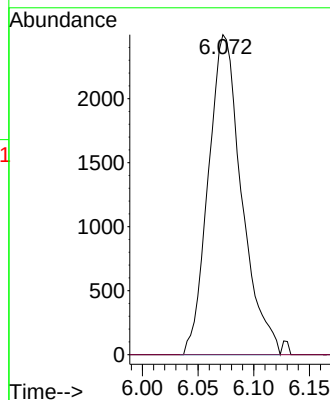
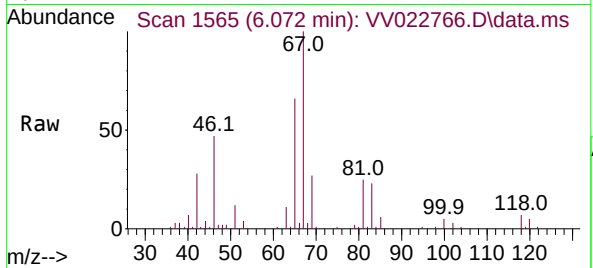




#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

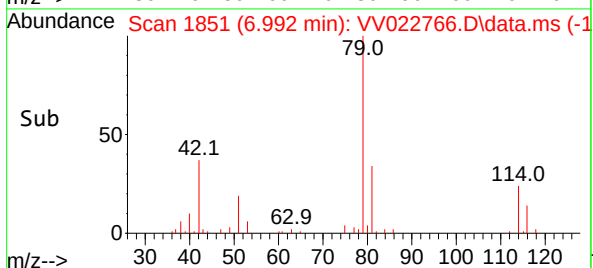
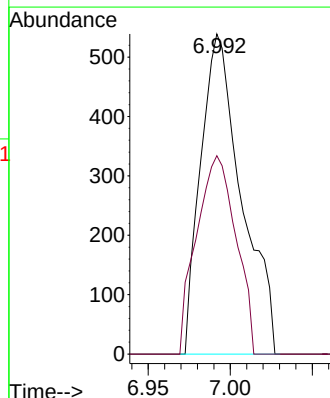
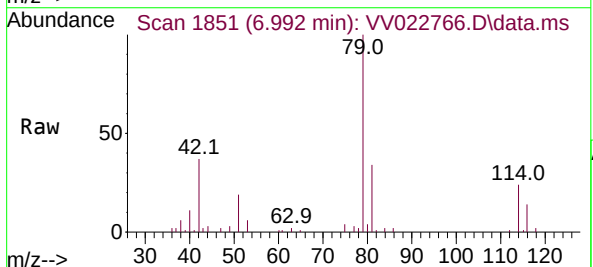
Instrument :
MSVOA_V
ClientSampled :

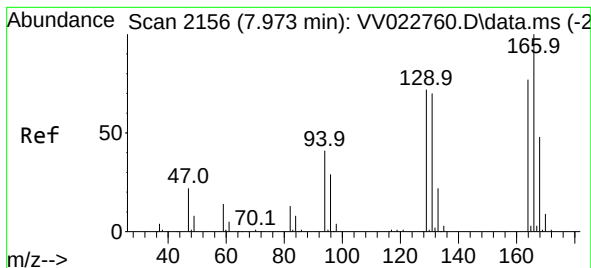
Tgt Ion: 63 Resp: 5204
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#



#39
cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 6.992 min Scan# 1851
Delta R.T. -0.035 min
Lab File: VV022766.D
Acq: 13 Oct 2021 17:02

Tgt Ion: 75 Resp: 932
Ion Ratio Lower Upper
75 100
77 62.0 22.3 41.3#





#47

Tetrachloroethene

Concen: 0.948 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022766.D

Acq: 13 Oct 2021 17:02

Tgt Ion:164 Resp: 6615

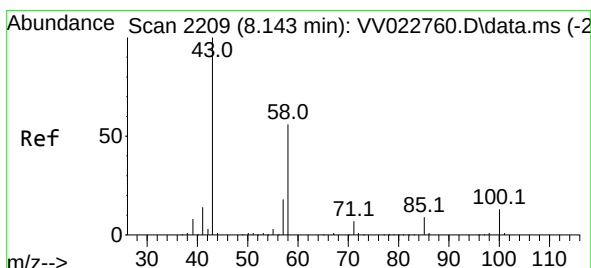
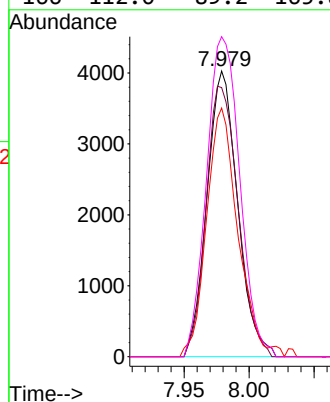
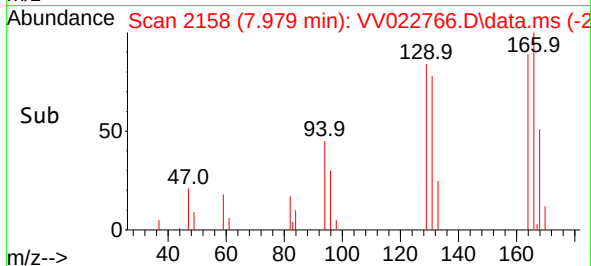
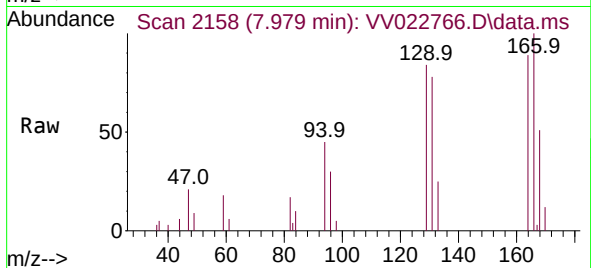
Ion Ratio Lower Upper

164 100

129 94.2 65.0 120.6

131 87.0 62.2 115.4

166 112.0 89.2 165.8



#48

2-Hexanone

Concen: 2.644 ug/L

RT: 8.095 min Scan# 2194

Delta R.T. -0.048 min

Lab File: VV022766.D

Acq: 13 Oct 2021 17:02

Tgt Ion: 43 Resp: 7930

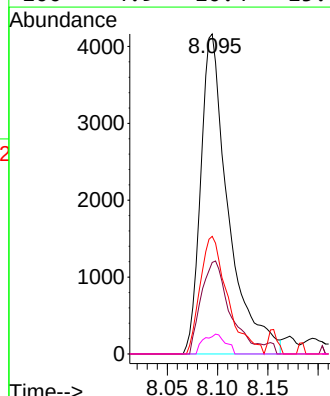
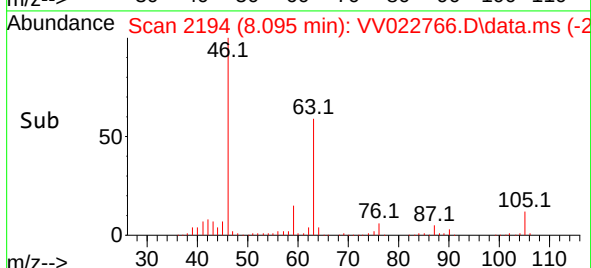
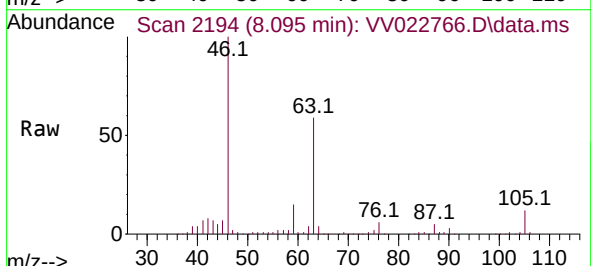
Ion Ratio Lower Upper

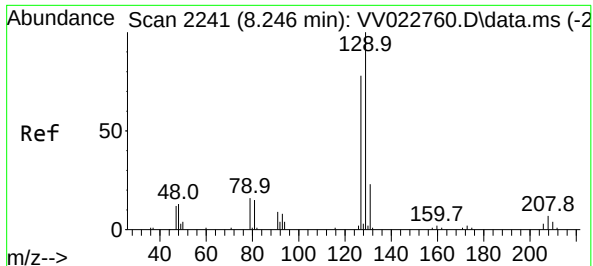
43 100

58 30.7 47.4 71.0#

57 36.5 15.3 22.9#

100 4.9 10.4 15.6#





#49

Dibromochloromethane

Concen: 0.978 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022766.D

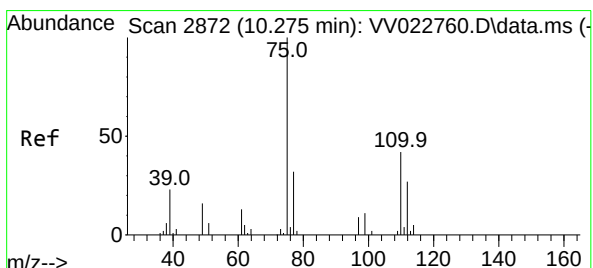
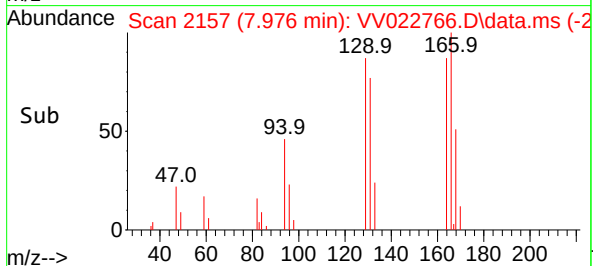
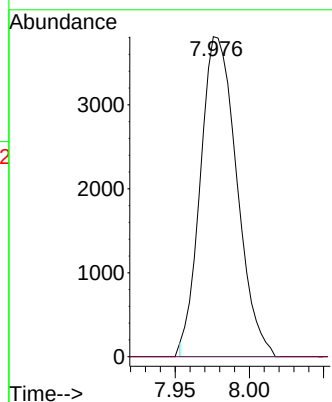
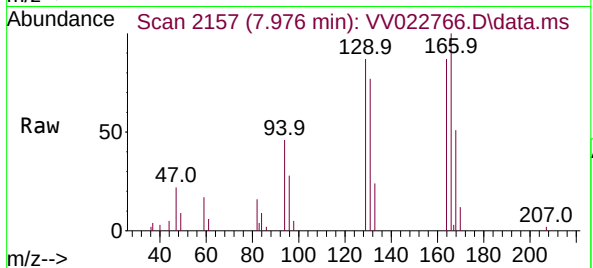
Acq: 13 Oct 2021 17:02

Tgt Ion: 129 Resp: 6487

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.602 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022766.D

Acq: 13 Oct 2021 17:02

Tgt Ion: 75 Resp: 6014

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

110 0.0 34.2 51.4#

