

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023385.D
 Acq On : 11 Nov 2021 14:08
 Operator : SY/MD
 Sample : M4580-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 12 00:30:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 08:19:32 2021
 Response via : Initial Calibration

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

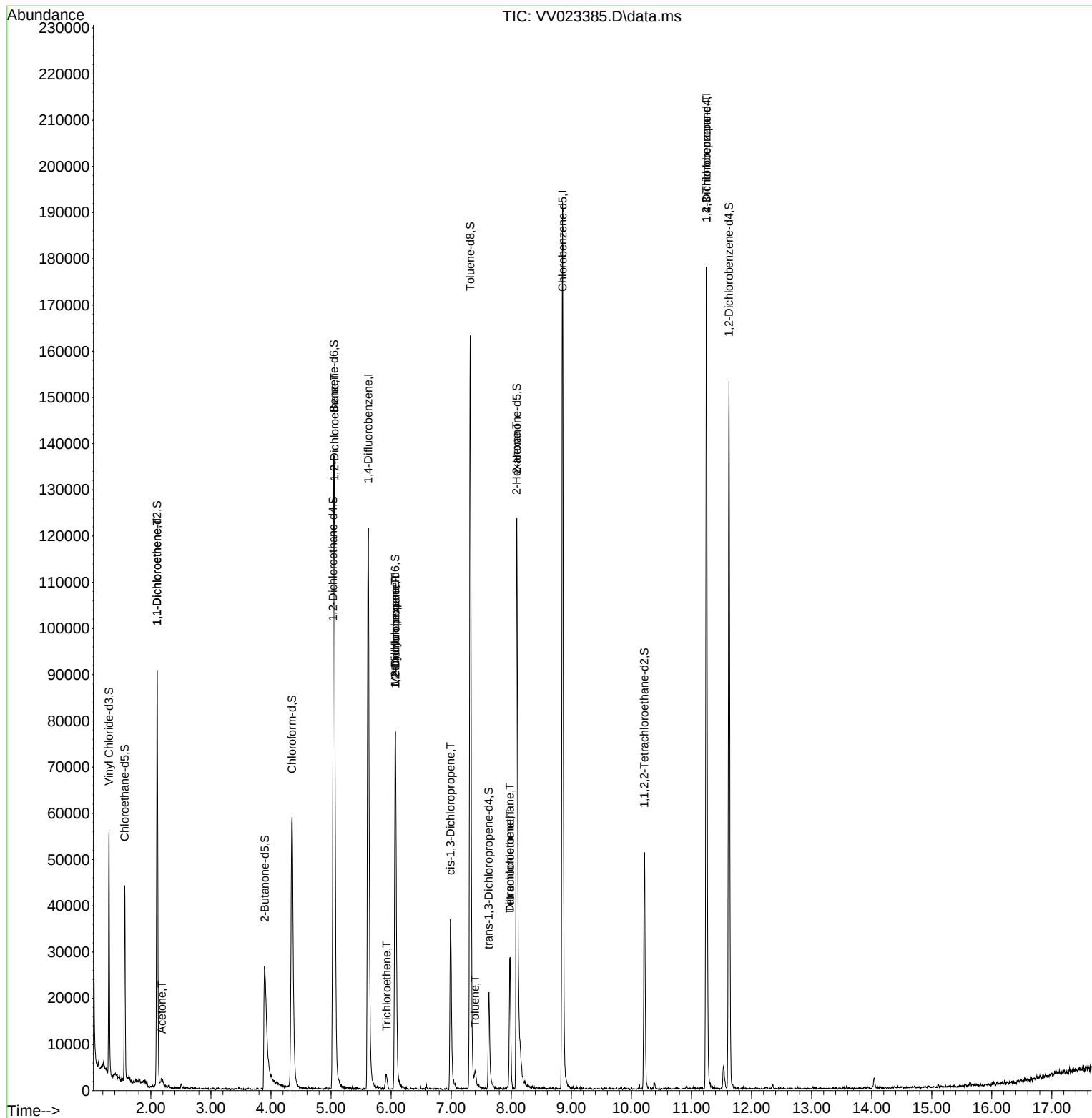
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106557	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	106298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49201	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31300	4.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.564	69	25666	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.105	63	45041	3.604	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.896	46	53335	46.376	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.760%
24) Chloroform-d	4.349	84	61622	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.034	65	30727	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.050	84	126893	4.653	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.069	67	38128	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	109137	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.625	79	12463	4.094	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.092	63	43611	38.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.860%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24259	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	40393	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	428	0.067	ug/L #	1
13) Acetone	2.182	43	3150	4.483	ug/L	95
27) 1,2-Dichloroethane	5.056	62	671	0.090	ug/L #	72
34) Trichloroethene	5.924	95	643	0.081	ug/L	83
35) Methylcyclohexane	6.069	83	9203	0.738	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4453	0.642	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	948	0.095	ug/L #	64
42) Toluene	7.400	91	2461	0.077	ug/L	96
47) Tetrachloroethene	7.979	164	6682	0.976	ug/L	95
48) 2-Hexanone	8.088	43	5481	2.432	ug/L #	70
49) Dibromochloromethane	7.979	129	5865	0.929	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5377	1.645	ug/L #	66

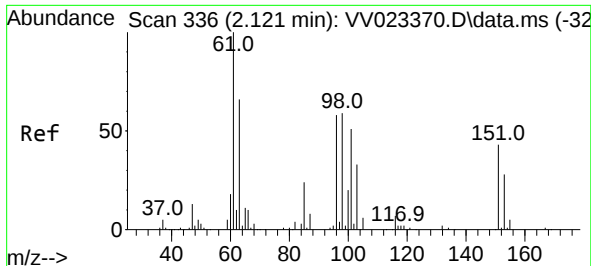
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

ClientSampleId :

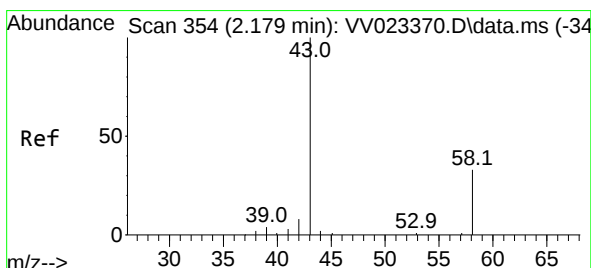
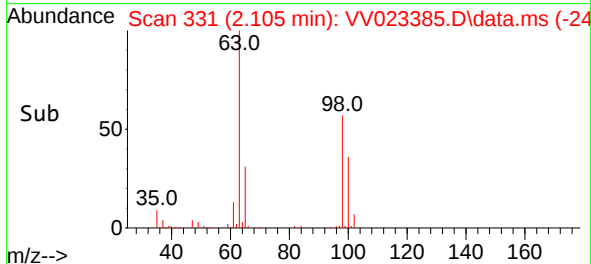
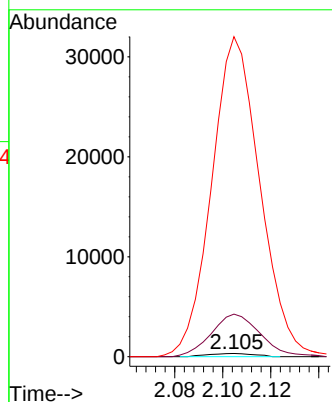
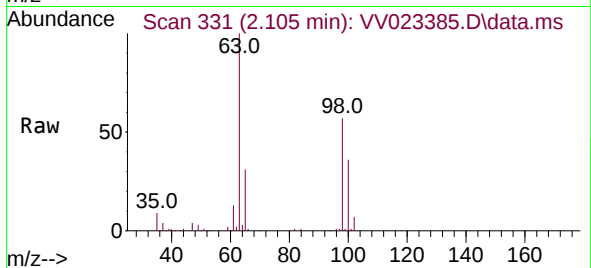
Tgt Ion: 96 Resp: 428

Ion Ratio Lower Upper

96 100

61 1342.1 121.5 225.7#

63 10070.4 99.6 185.0#



#13

Acetone

Concen: 4.483 ug/L

RT: 2.182 min Scan# 355

Delta R.T. 0.003 min

Lab File: VV023385.D

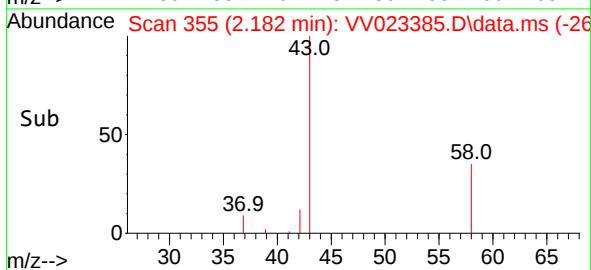
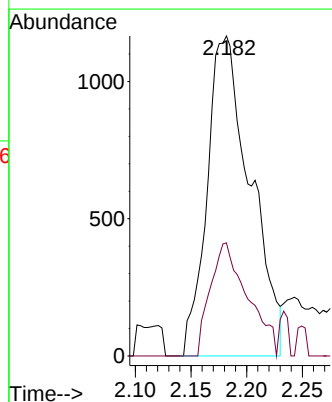
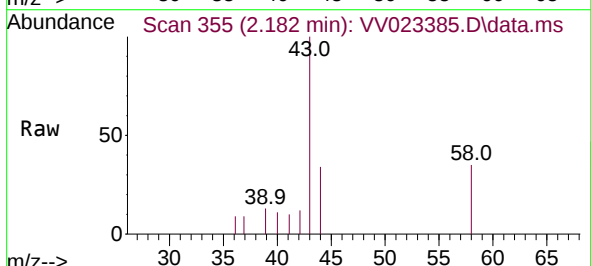
Acq: 11 Nov 2021 14:08

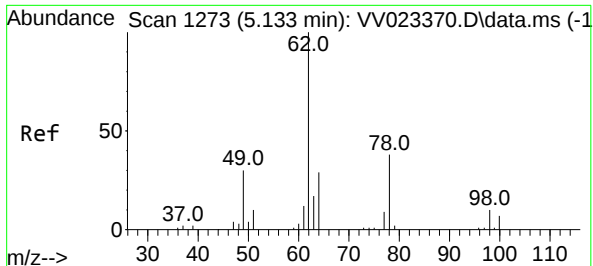
Tgt Ion: 43 Resp: 3150

Ion Ratio Lower Upper

43 100

58 30.4 0.0 55.4





#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

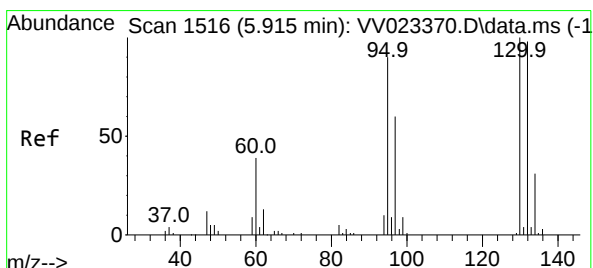
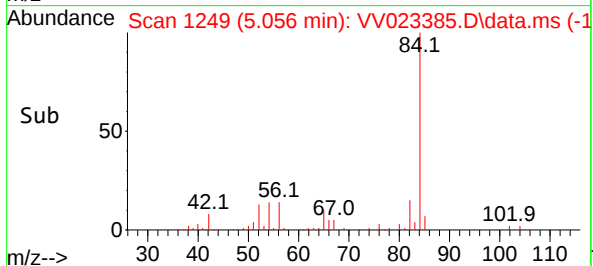
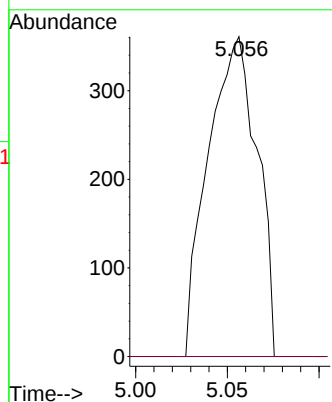
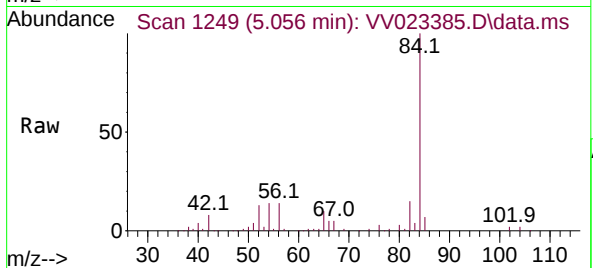
ClientSampleId :

Tgt Ion: 62 Resp: 671

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.081 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Tgt Ion: 95 Resp: 643

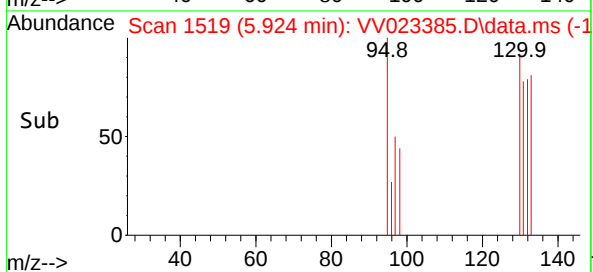
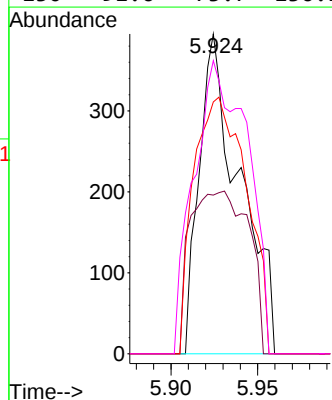
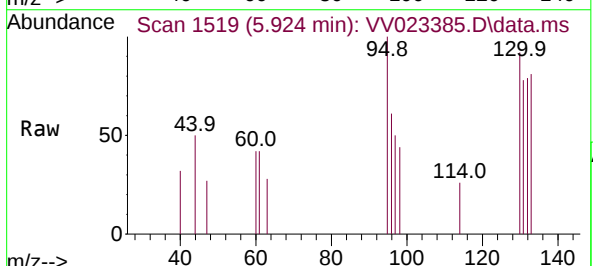
Ion Ratio Lower Upper

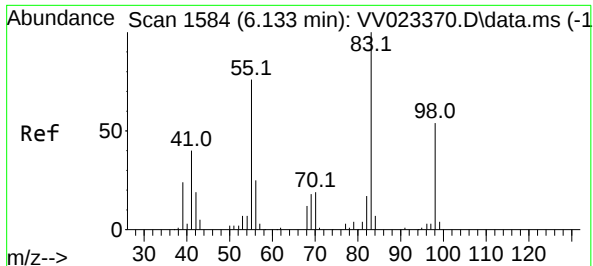
95 100

97 49.6 45.0 83.6

132 78.7 69.7 129.4

130 91.6 73.7 136.9





#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV023385.D

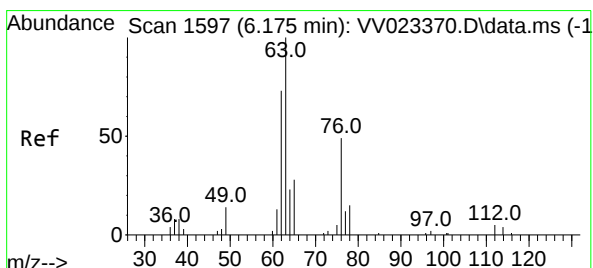
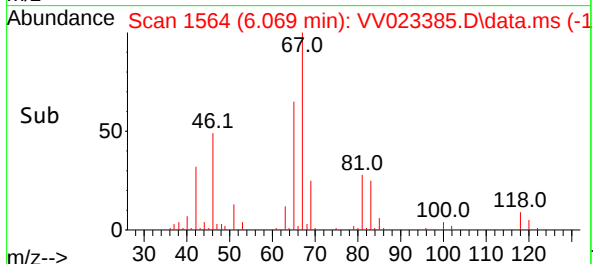
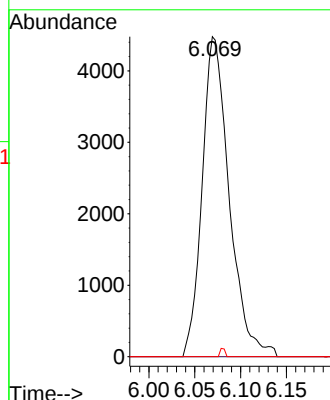
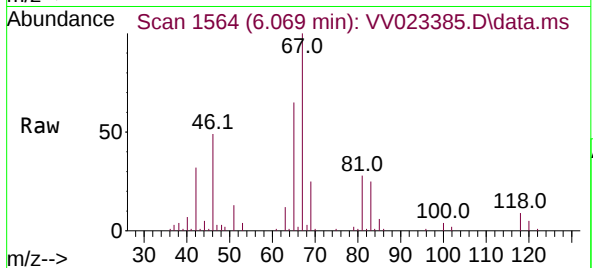
Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 9203
Ion Ratio	Lower Upper
83 100	
55 0.0	62.8 94.2#
98 0.5	37.9 56.9#



#37

1,2-Dichloropropane

Concen: 0.642 ug/L

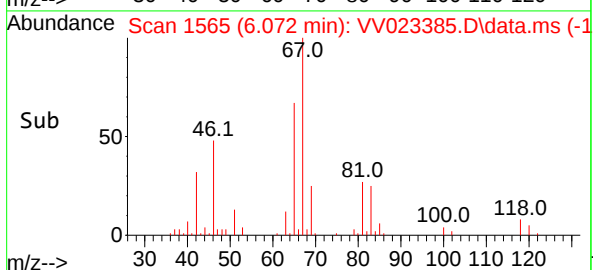
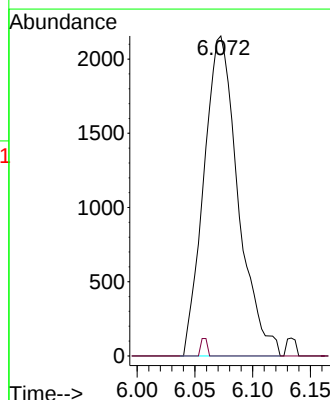
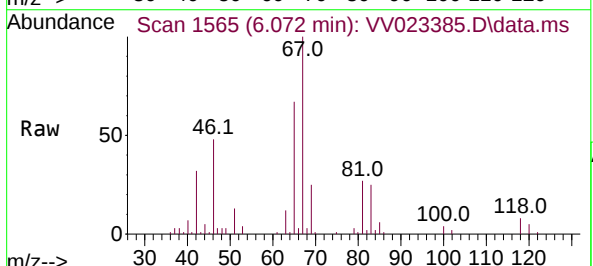
RT: 6.072 min Scan# 1565

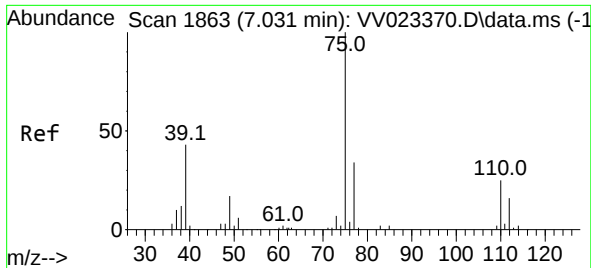
Delta R.T. -0.103 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Tgt Ion: 63	Resp: 4453
Ion Ratio	Lower Upper
63 100	
112 1.0	4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

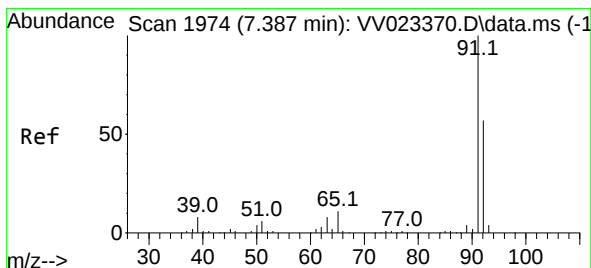
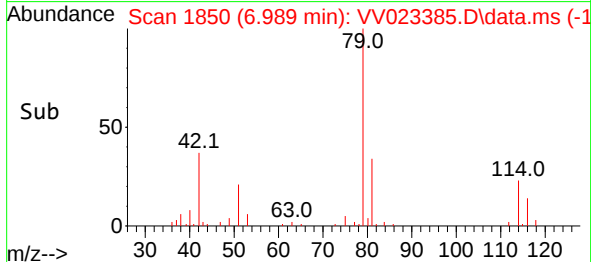
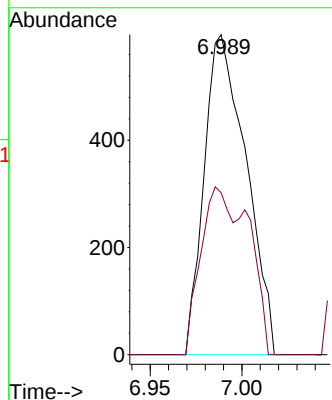
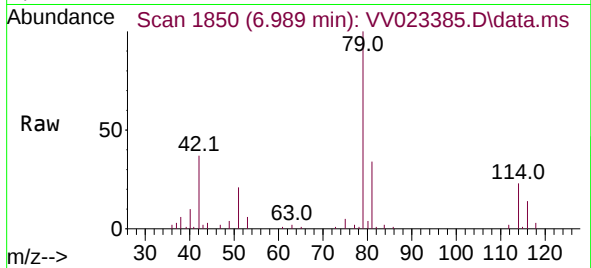
ClientSampleId :

Tgt Ion: 75 Resp: 948

Ion Ratio Lower Upper

75 100

77 50.6 21.6 40.2#



#42

Toluene

Concen: 0.077 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.013 min

Lab File: VV023385.D

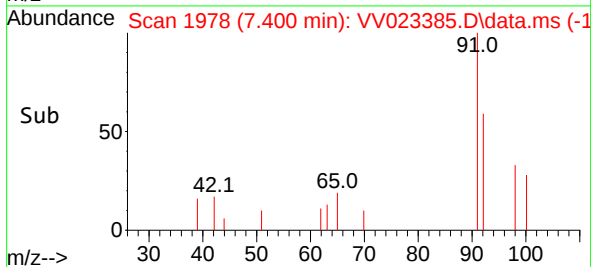
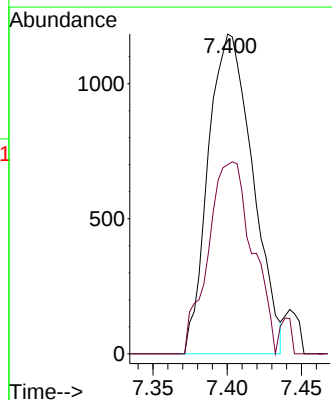
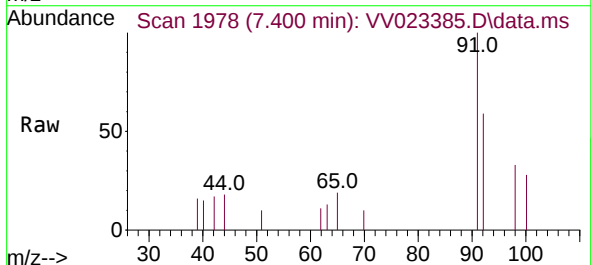
Acq: 11 Nov 2021 14:08

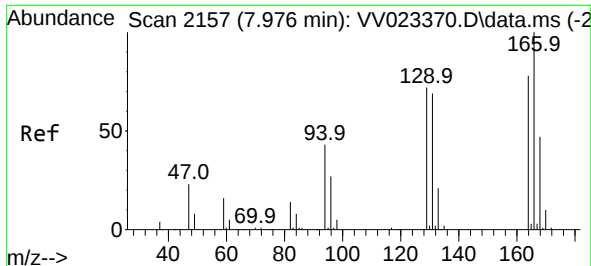
Tgt Ion: 91 Resp: 2461

Ion Ratio Lower Upper

91 100

92 59.1 39.3 72.9





#47

Tetrachloroethene

Concen: 0.976 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

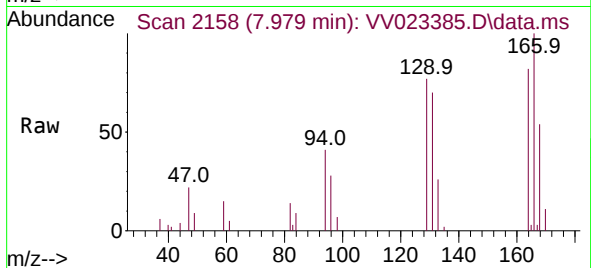
Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6682

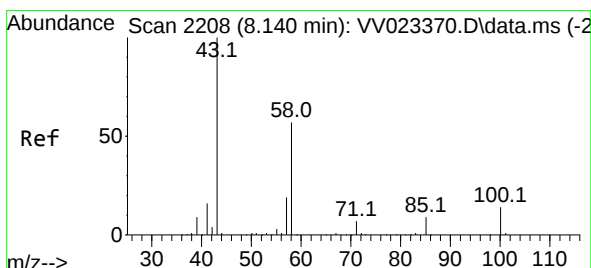
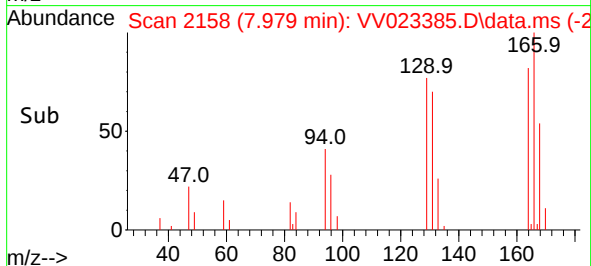
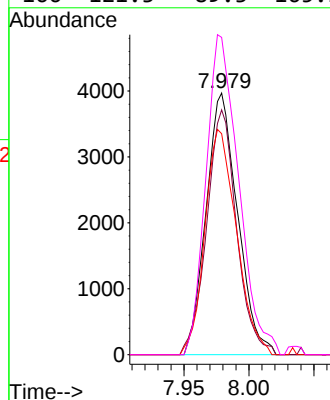
Ion Ratio Lower Upper

164 100

129 93.6 64.0 119.0

131 84.5 63.4 117.8

166 121.3 89.3 165.9



#48

2-Hexanone

Concen: 2.432 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.051 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Tgt Ion: 43 Resp: 5481

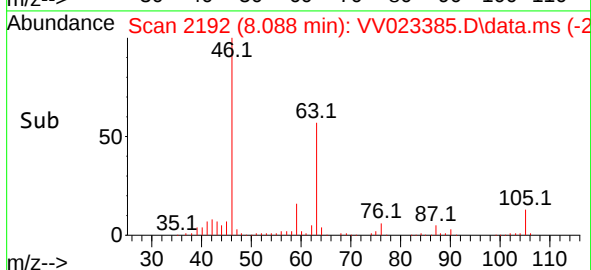
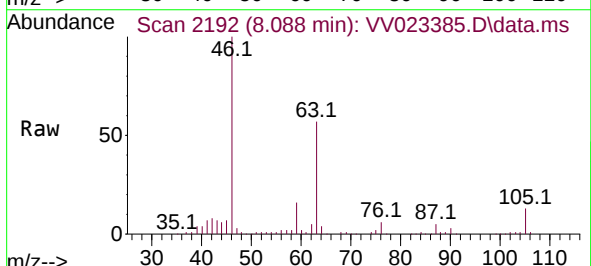
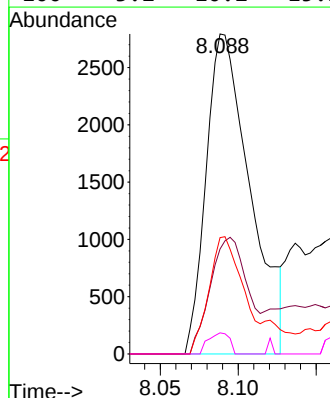
Ion Ratio Lower Upper

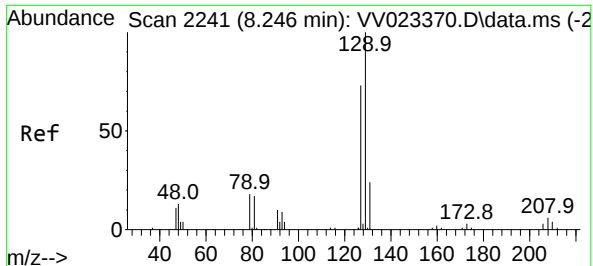
43 100

58 30.9 43.7 65.5#

57 28.5 14.1 21.1#

100 3.2 10.2 15.2#





#49

Dibromochloromethane

Concen: 0.929 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Instrument :

MSVOA_V

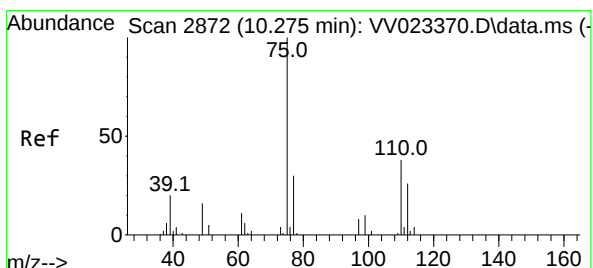
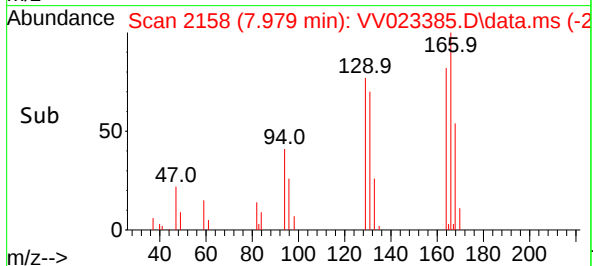
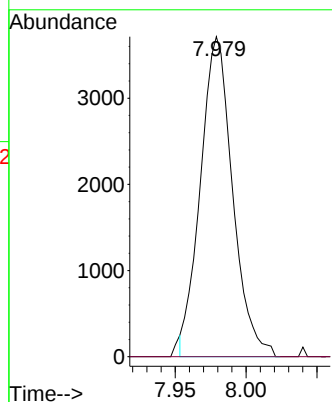
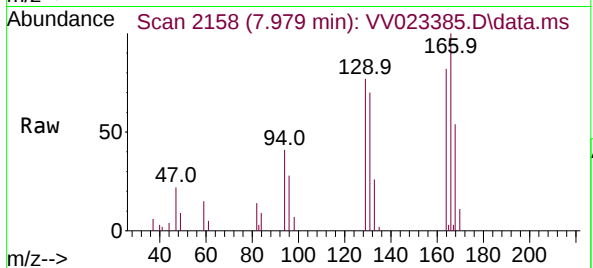
ClientSampleId :

Tgt Ion:129 Resp: 5865

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 1.645 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023385.D

Acq: 11 Nov 2021 14:08

Tgt Ion: 75 Resp: 5377

Ion Ratio Lower Upper

75 100

77 33.5 26.6 39.8

110 1.5 31.8 47.6#

