

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016370.D
 Acq On : 30 May 2020 19:25
 Operator : SY/MD
 Sample : L2826-08DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:14:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88056	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	83432	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38914	5.00	ug/L	0.00

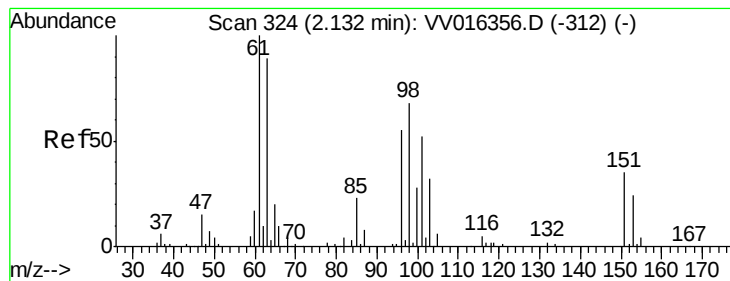
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34132	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	26298	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.13	63	46662	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.94	46	81136	48.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	4.38	84	58364	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.06	65	32391	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.08	84	115916	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.10	67	34891	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.34	98	101723	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.64	79	11916	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
48) 2-Hexanone-d5	8.12	63	62086	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24506	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	35997	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	418	0.070 ug/L #	21
16) Methylene chloride	2.53	84	909	0.150 ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	7391	1.113 ug/L	94
34) Trichloroethene	5.94	95	43558	6.725 ug/L	98
35) Methylcyclohexane	6.10	83	8515	0.816 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4317	0.691 ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1023	0.124 ug/L #	55
46) trans-1,3-Dichloropropene	7.65	75	513	0.075 ug/L #	44
49) Tetrachloroethene	8.00	164	1080	0.227 ug/L	90
50) 2-Hexanone	8.12	43	8329	3.166 ug/L #	71
51) Dibromochloromethane	8.01	129	1105	0.265 ug/L #	9
70) Naphthalene	13.53	128	31704	1.787 ug/L	98

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016370.D

Acq: 30 May 2020 19:25

Instrument :

MSVOA_V

ClientSampleId :

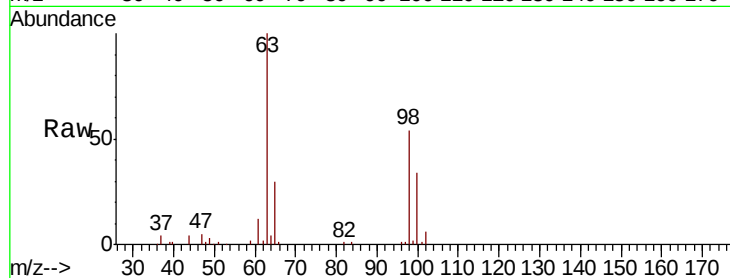
Tot Ion:101 Resp: 418

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

151 0.0 57.2 85.8#



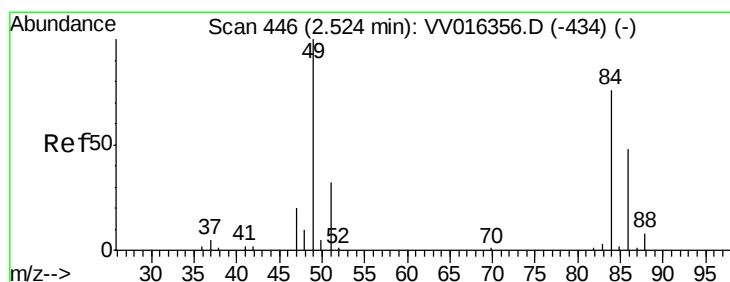
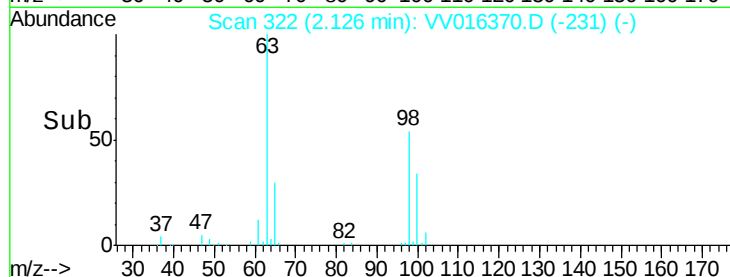
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.13

Time-->



#16

Methylene chloride

Concen: 0.150 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016370.D

Acq: 30 May 2020 19:25

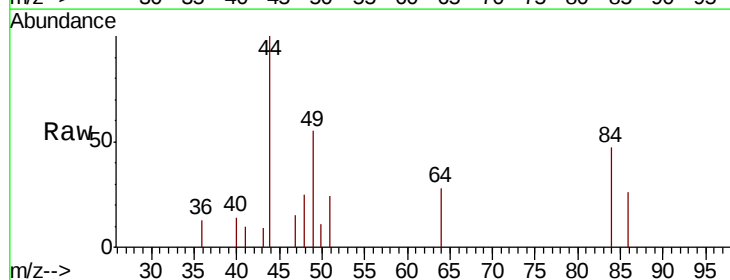
Tgt Ion: 84 Resp: 909

Ion Ratio Lower Upper

84 100

86 55.7 44.5 82.7

49 139.9 92.3 171.3



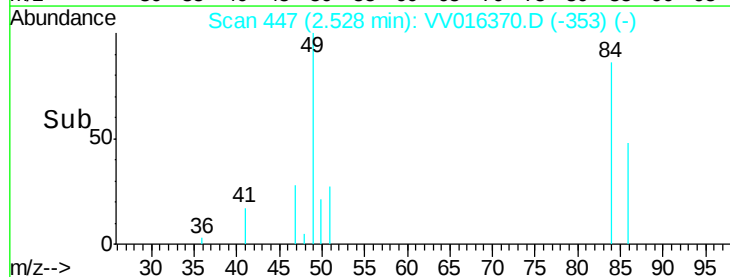
Abundance Ion 84.05 (83.75 to 84.75): VV0

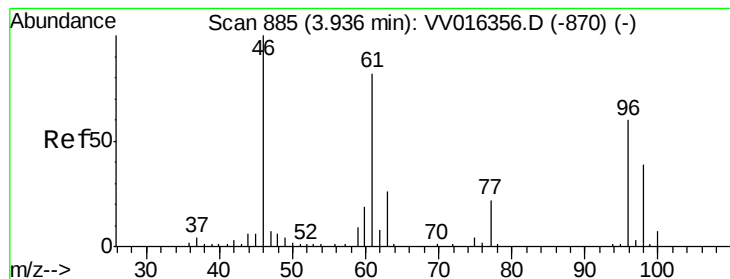
Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

2.53

Time-->



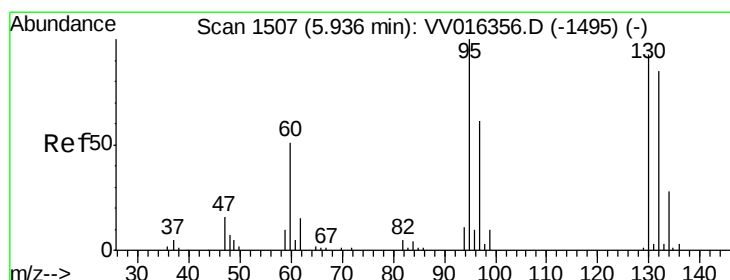
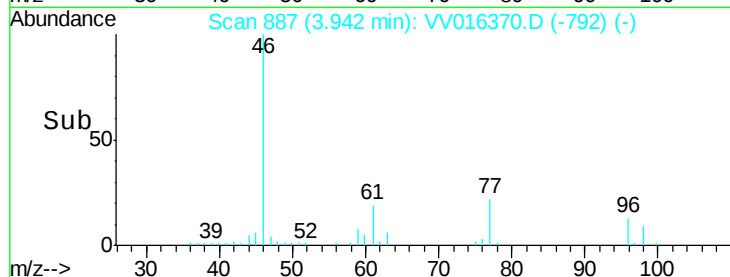
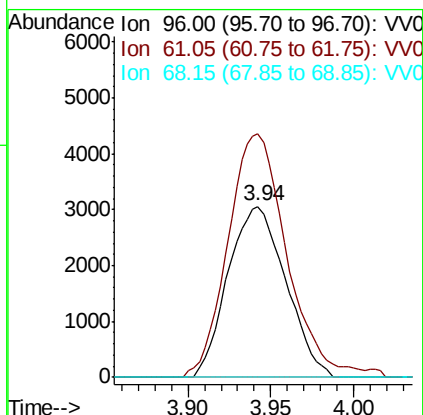
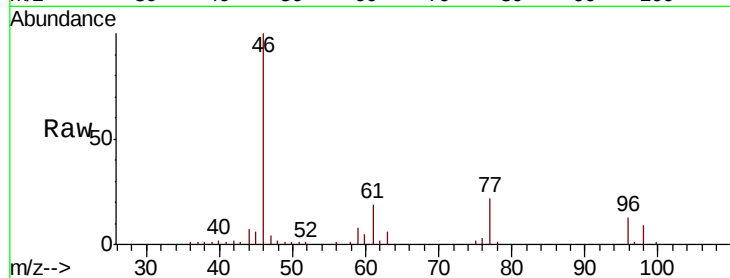


#22

cis-1,2-Dichloroethene
Concen: 1.113 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Instrument :
MSVOA_V
ClientSampled :

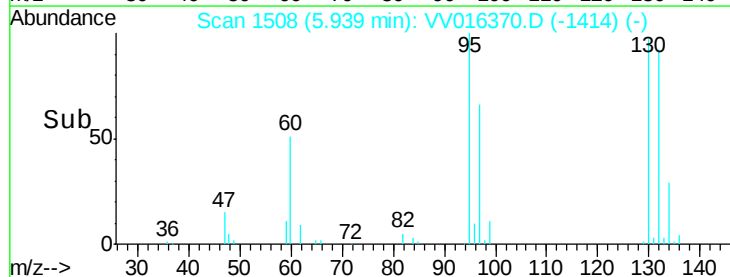
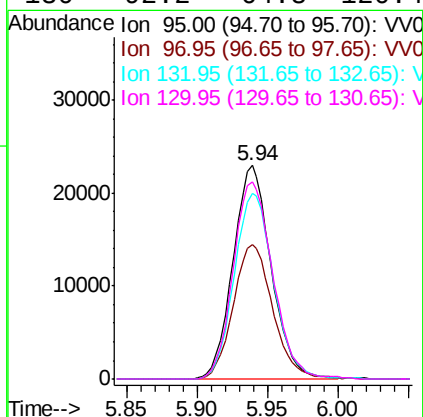
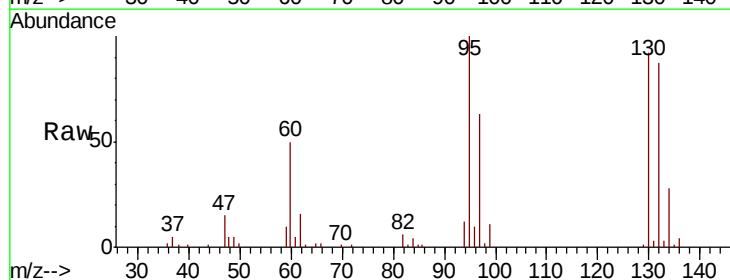
Tot Ion: 96 Resp: 7391
Ion Ratio Lower Upper
96 100
61 142.3 94.8 176.0
68 0.0 0.0 0.0

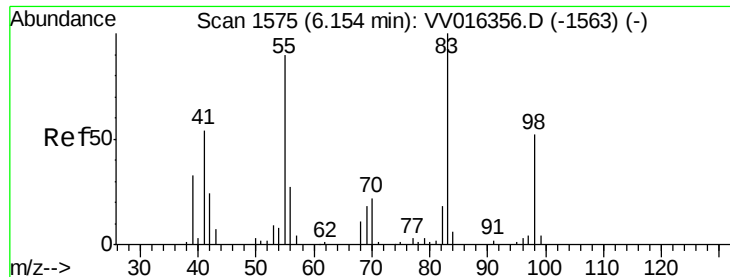


#34

Trichloroethene
Concen: 6.725 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Tgt Ion: 95 Resp: 43558
Ion Ratio Lower Upper
95 100
97 63.0 42.6 79.0
132 87.1 59.6 110.8
130 92.2 64.8 120.4

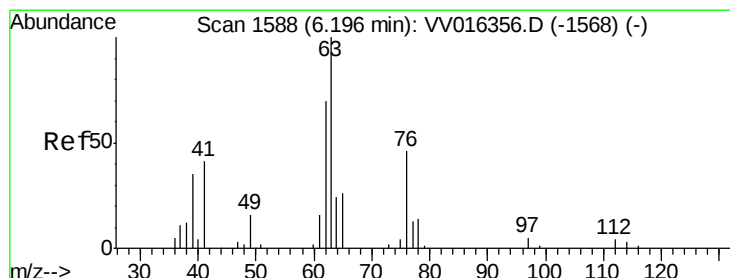
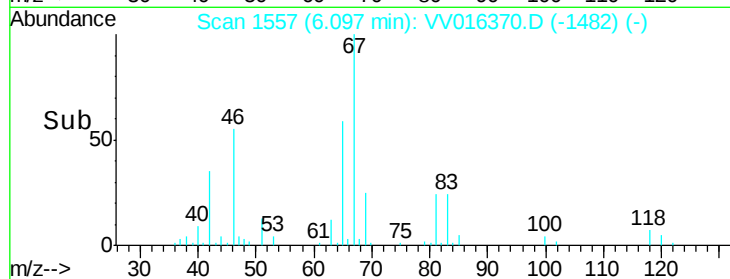
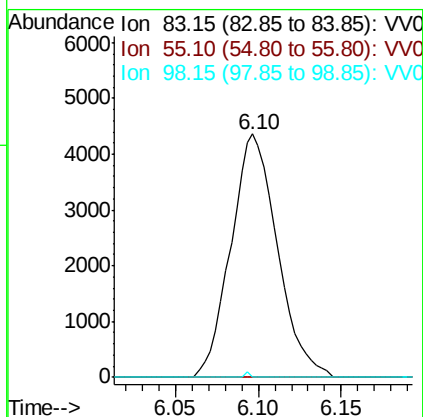
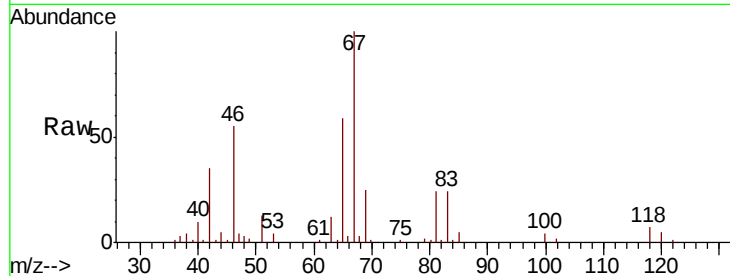




#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

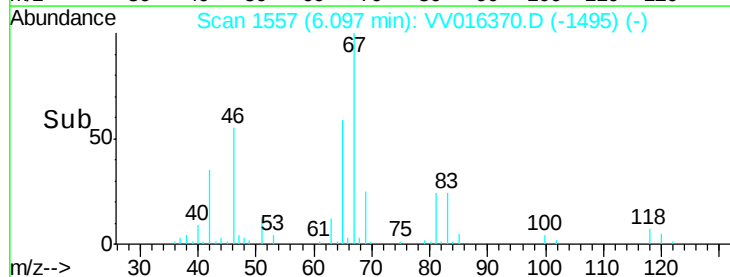
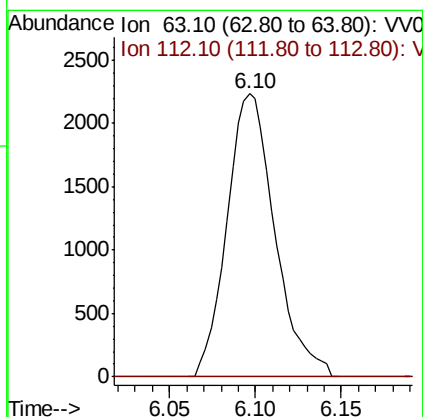
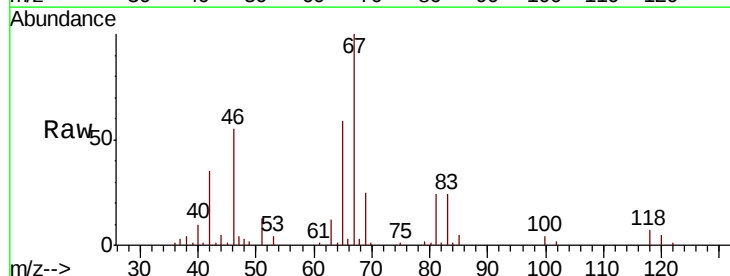
Instrument :
MSVOA_V
ClientSampleId :

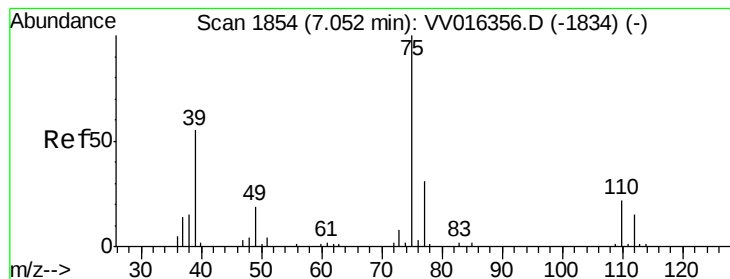
Tot Ion: 83 Resp: 8515
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Tgt Ion: 63 Resp: 4317
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



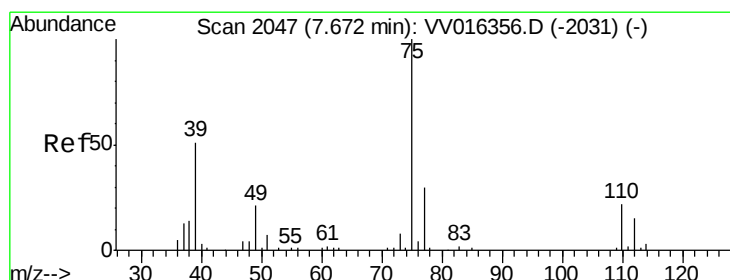
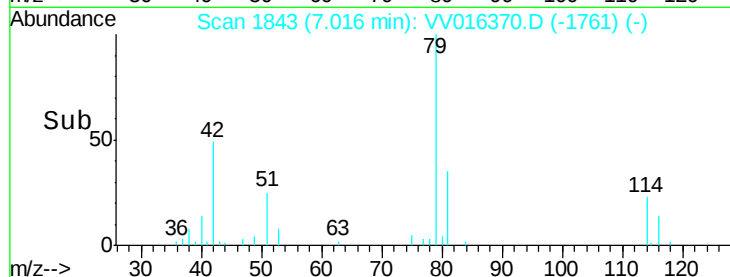
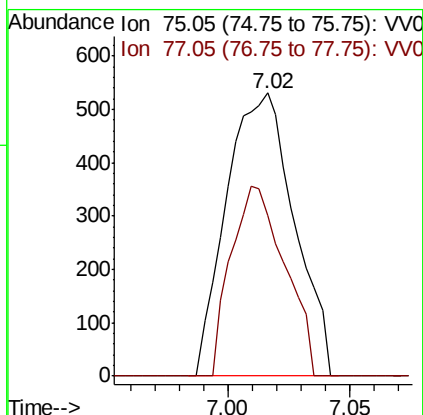
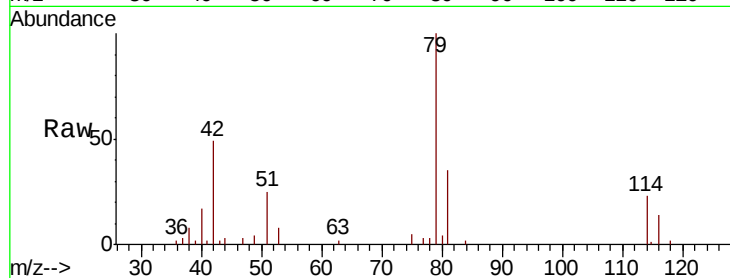


#39

cis-1,3-Dichloropropene
Concen: 0.124 ug/L
RT: 7.02 min Scan# 1843
Delta R.T. -0.04 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Instrument :
MSVOA_V
ClientSampled :

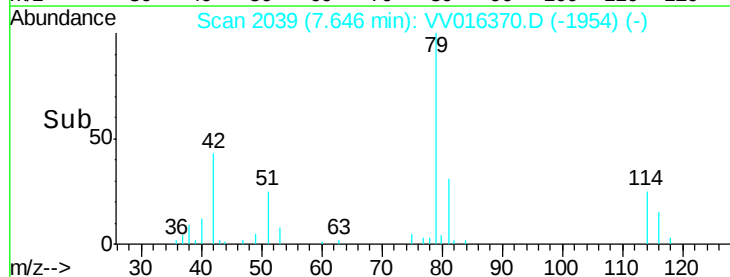
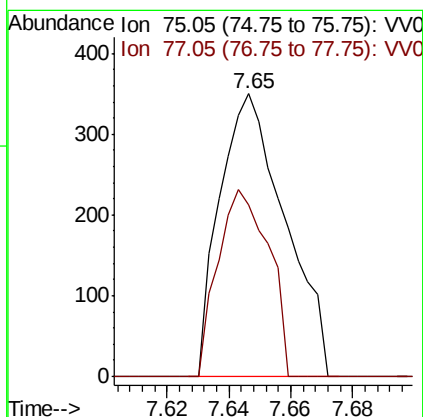
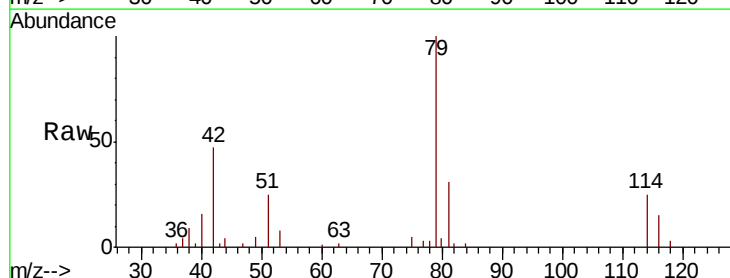
Tot Ion: 75 Resp: 1023
Ion Ratio Lower Upper
75 100
77 56.5 22.0 41.0#

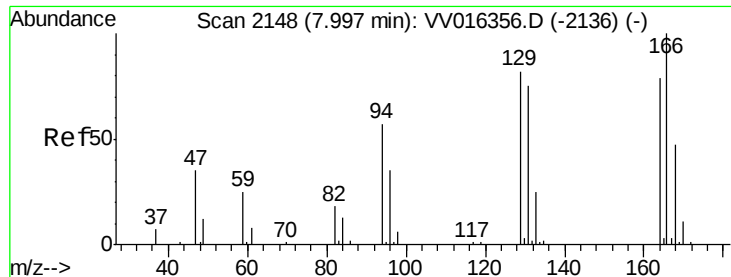


#46

trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Tgt Ion: 75 Resp: 513
Ion Ratio Lower Upper
75 100
77 60.9 21.1 39.3#





#49

Tetrachloroethene

Concen: 0.227 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016370.D

Acq: 30 May 2020 19:25

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 1080

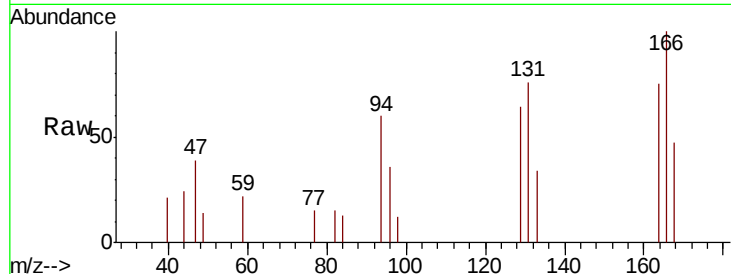
Ion Ratio Lower Upper

164 100

129 85.7 72.2 134.0

131 101.8 65.8 122.2

166 133.8 88.3 163.9

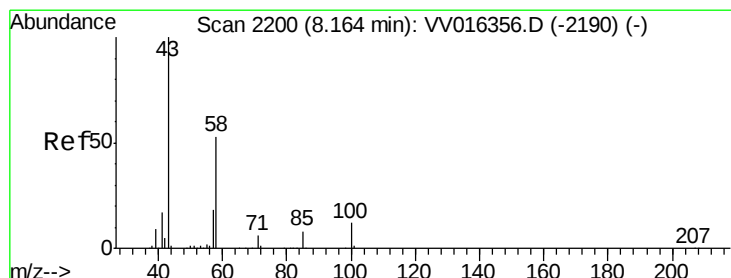
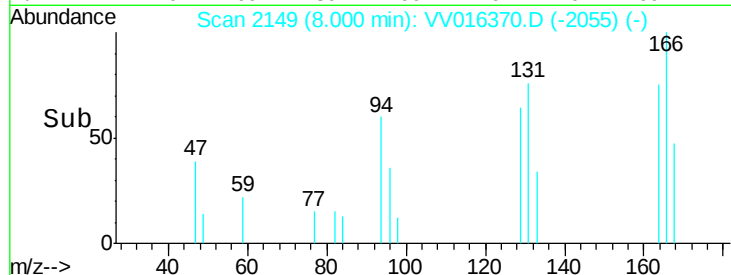
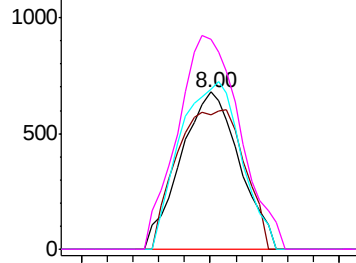


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 3.166 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016370.D

Acq: 30 May 2020 19:25

Tgt Ion: 43 Resp: 8329

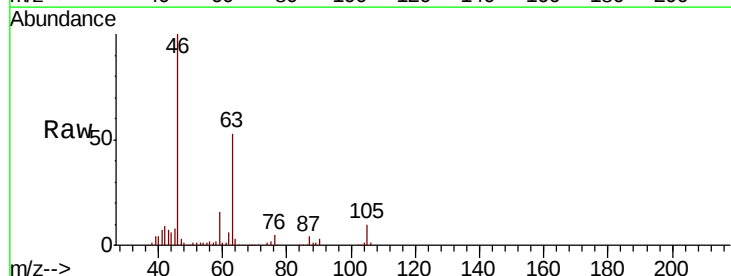
Ion Ratio Lower Upper

43 100

58 27.5 41.1 61.7#

57 24.2 14.2 21.4#

100 0.0 8.8 13.2#

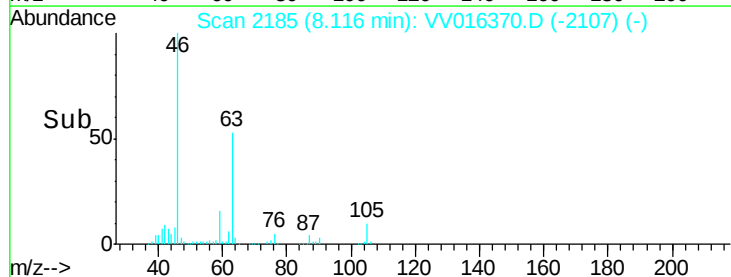
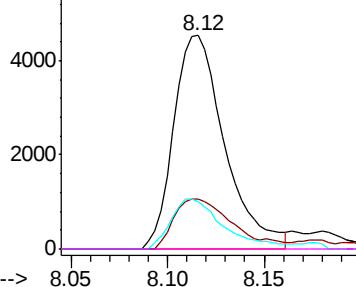


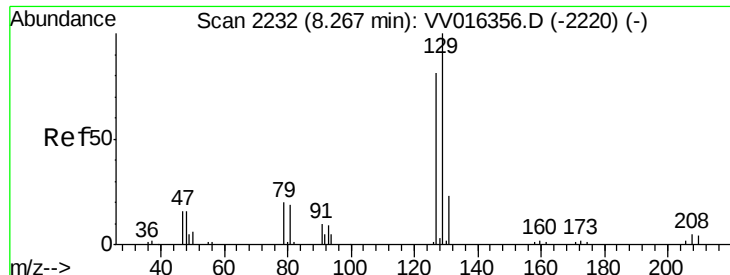
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

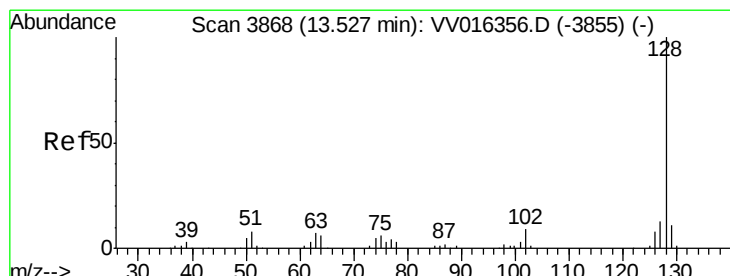
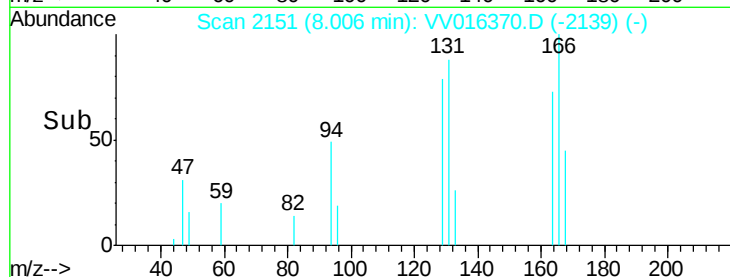
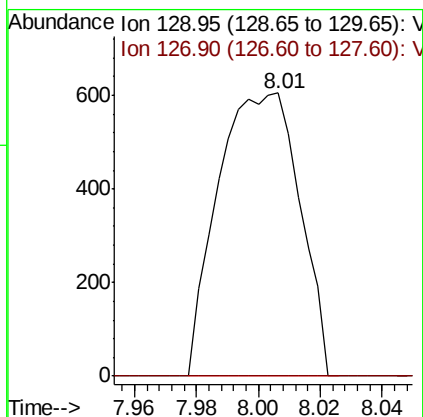
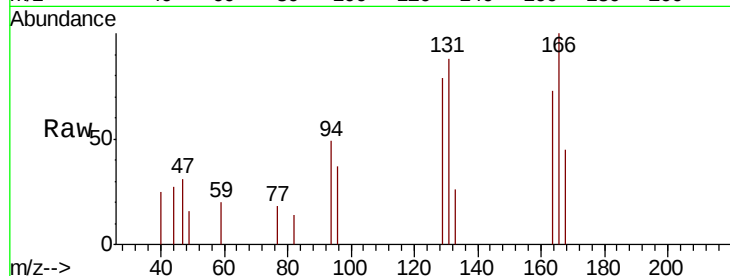




#51
Dibromochloromethane
Concen: 0.265 ug/L
RT: 8.01 min Scan# 2151
Delta R.T. -0.26 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 1105
Ion Ratio Lower Upper
129 100
127 0.0 57.0 105.8#



#70
Naphthalene
Concen: 1.787 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016370.D
Acq: 30 May 2020 19:25

Tgt Ion:128 Resp: 31704
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.2 10.7 16.1

