

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016007.D
 Acq On : 12 May 2020 12:24
 Operator : SY/MD
 Sample : L2541-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 06:57:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 06:55:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.68	114	140809	5.00	ug/L	0.04
28) Chlorobenzene-d5	8.89	117	131690	5.00	ug/L	0.02
61) 1,4-Dichlorobenzene-d4	11.28	152	60036	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.33	65	29163	3.82	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.62	69	30070	4.15	ug/L	0.05
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.17	63	48153	2.93	ug/L	0.05
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.00	46	93997	43.14	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.28%
24) Chloroform-d	4.41	84	66790	4.00	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.09	65	38421	4.01	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
32) Benzene-d6	5.09	84	126935	4.05	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.15	67	46774	4.89	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.38	98	126200	4.26	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
45) trans-1,3-Dichloropropene-	7.68	79	11428	3.04	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.80%
48) 2-Hexanone-d5	8.14	63	68408	41.48	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.96%
59) 1,1,2,2-Tetrachloroethane-	10.25	84	32547	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	47089	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

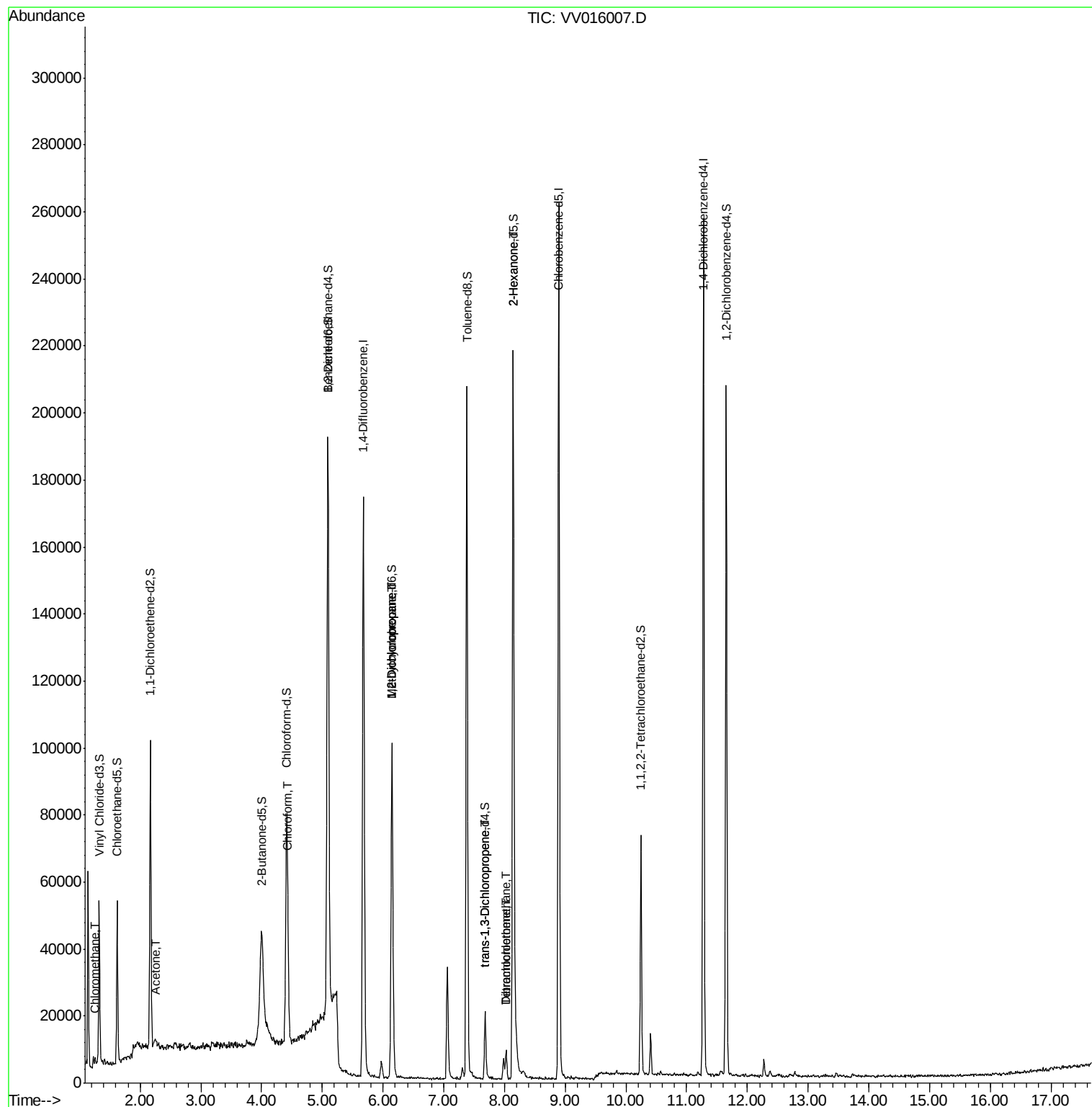
					Ovalue
3) Chloromethane	1.26	50	779	0.071 ug/L	92
13) Acetone	2.25	43	3148	2.190 ug/L	65
25) Chloroform	4.44	83	5886	0.324 ug/L	93
35) Methylcyclohexane	6.15	83	11637	0.813 ug/L #	16
37) 1,2-Dichloropropane	6.14	63	5850	0.695 ug/L #	87
46) trans-1,3-Dichloropropene	7.68	75	607	0.060 ug/L #	77
49) Tetrachloroethene	8.03	164	1745	0.264 ug/L	92
50) 2-Hexanone	8.14	43	10373	2.796 ug/L #	83
51) Dibromochloromethane	8.03	129	1675	0.265 ug/L #	9

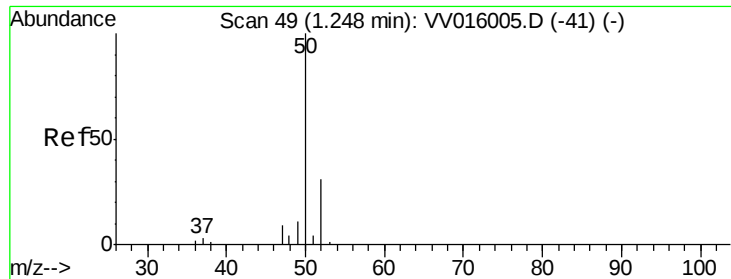
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.071 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.01 min

Lab File: VV016007.D

Acq: 12 May 2020 12:24

Instrument :

MSVOA_V

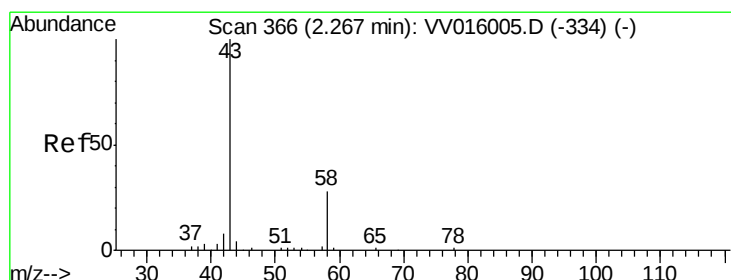
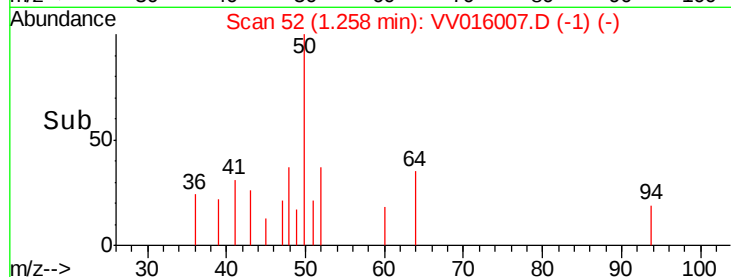
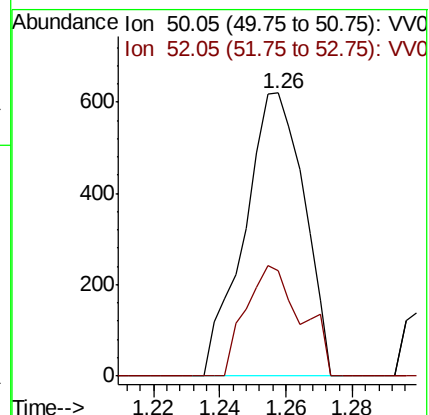
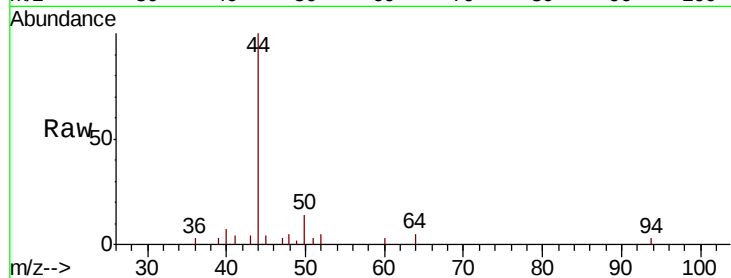
ClientSampleId :

Tot Ion: 50 Resp: 779

Ion Ratio Lower Upper

50 100

52 37.3 22.8 42.4



#13

Acetone

Concen: 2.190 ug/L

RT: 2.25 min Scan# 360

Delta R.T. -0.02 min

Lab File: VV016007.D

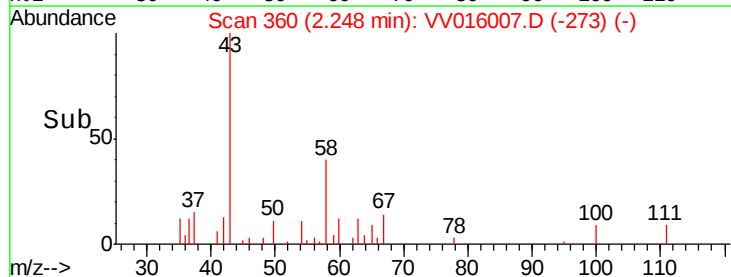
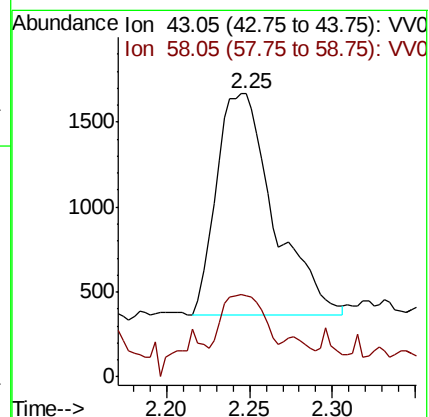
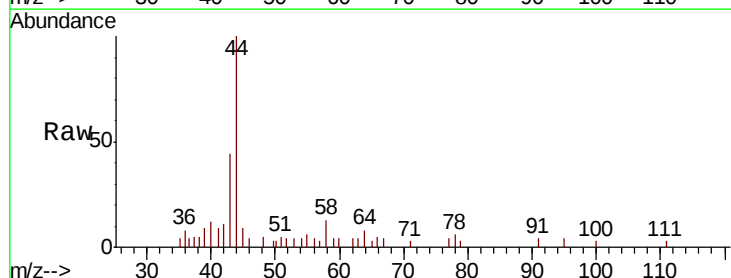
Acq: 12 May 2020 12:24

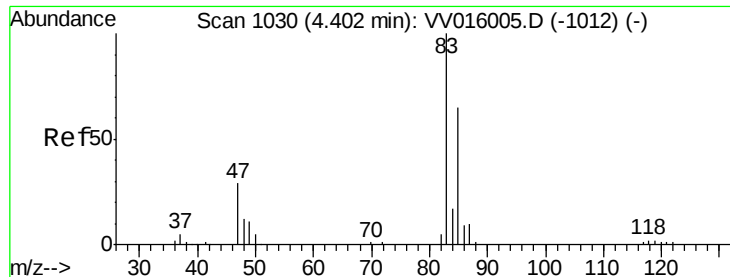
Tgt Ion: 43 Resp: 3148

Ion Ratio Lower Upper

43 100

58 30.1 0.0 30.8

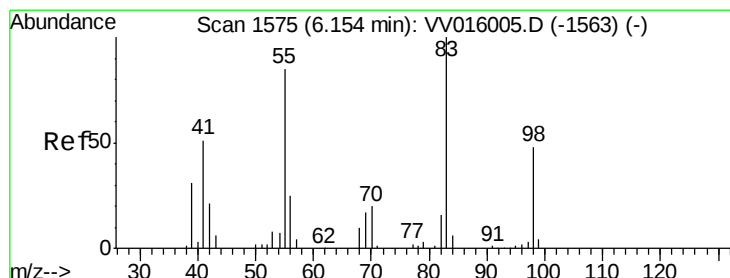
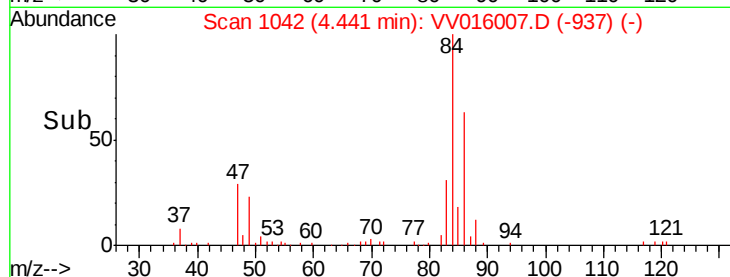
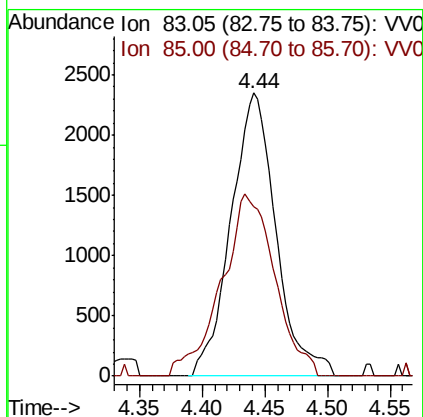
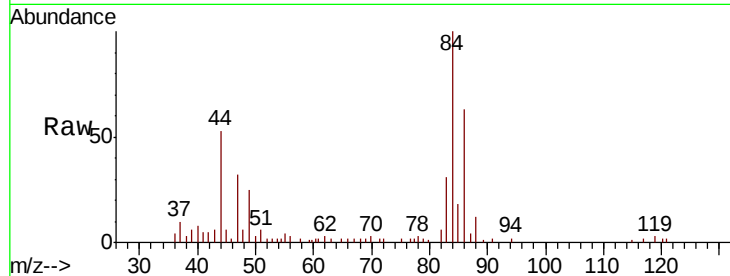




#25
Chloroform
Concen: 0.324 ug/L
RT: 4.44 min Scan# 1042
Delta R.T. 0.04 min
Lab File: VV016007.D
Acq: 12 May 2020 12:24

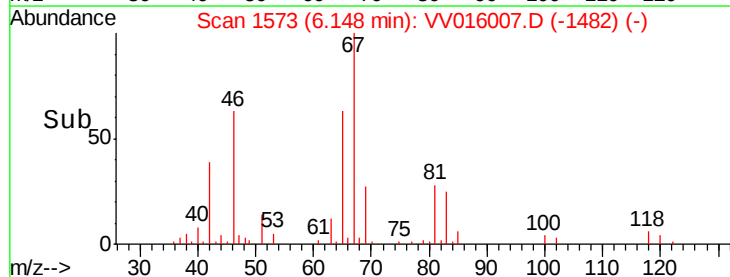
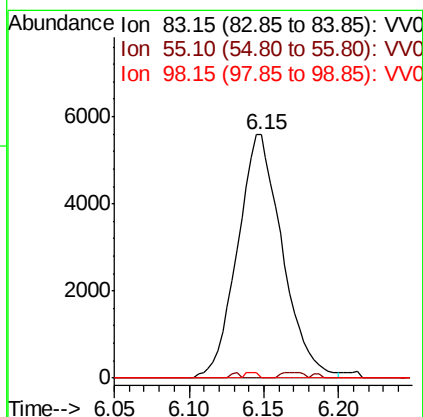
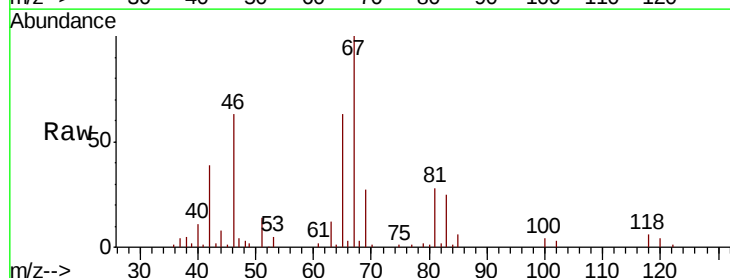
Instrument :
MSVOA_V
ClientSampled :

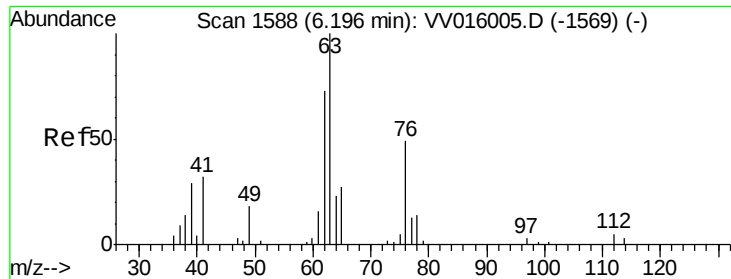
Tot Ion: 83 Resp: 5886
Ion Ratio Lower Upper
83 100
85 59.8 45.7 84.9



#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.15 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VV016007.D
Acq: 12 May 2020 12:24

Tgt Ion: 83 Resp: 11637
Ion Ratio Lower Upper
83 100
55 0.4 66.2 99.2#
98 0.6 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.695 ug/L

RT: 6.14 min Scan# 1572

Delta R.T. -0.05 min

Lab File: VV016007.D

Acq: 12 May 2020 12:24

Instrument :

MSVOA_V

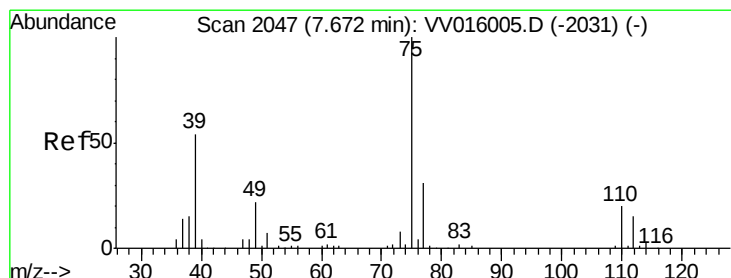
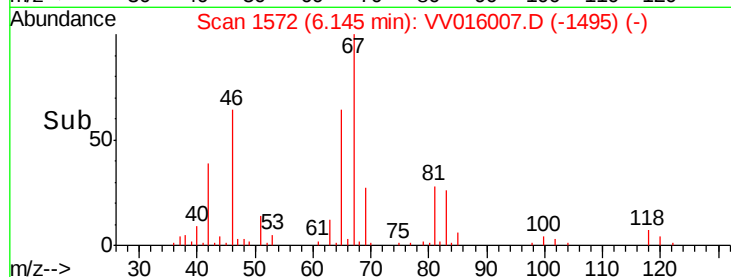
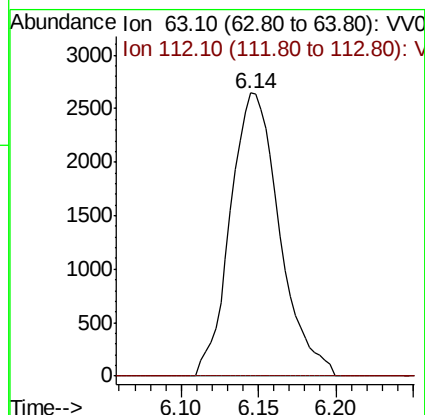
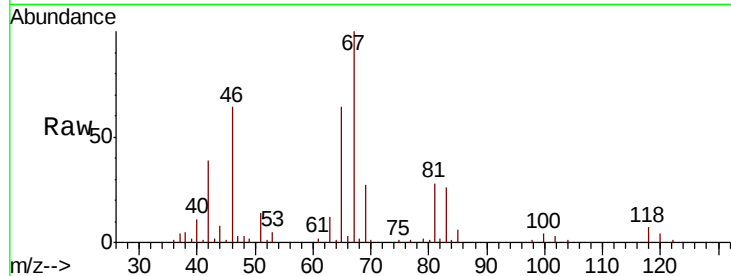
ClientSampled :

Tot Ion: 63 Resp: 5850

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#46

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 7.68 min Scan# 2049

Delta R.T. 0.01 min

Lab File: VV016007.D

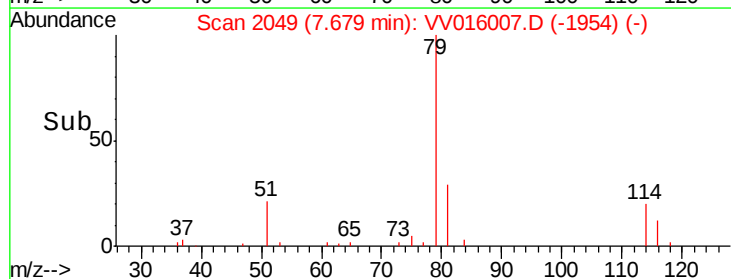
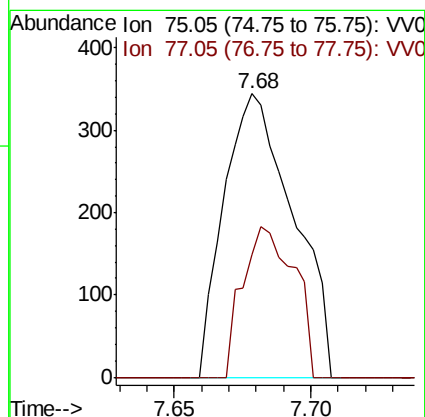
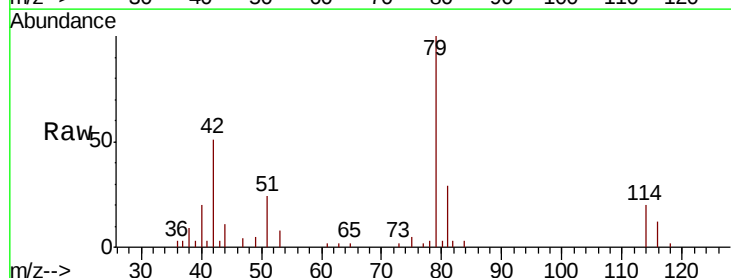
Acq: 12 May 2020 12:24

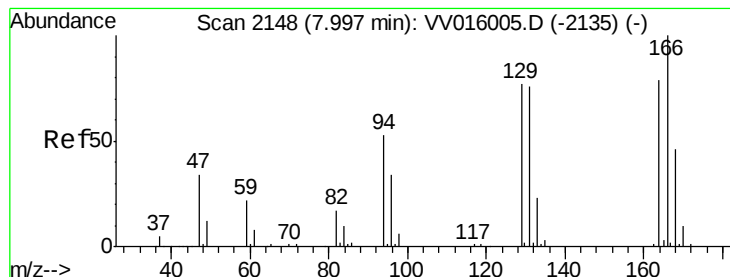
Tgt Ion: 75 Resp: 607

Ion Ratio Lower Upper

75 100

77 43.0 21.3 39.6#





#49

Tetrachloroethene

Concen: 0.264 ug/L

RT: 8.03 min Scan# 2157

Delta R.T. 0.03 min

Lab File: VV016007.D

Acq: 12 May 2020 12:24

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 1745

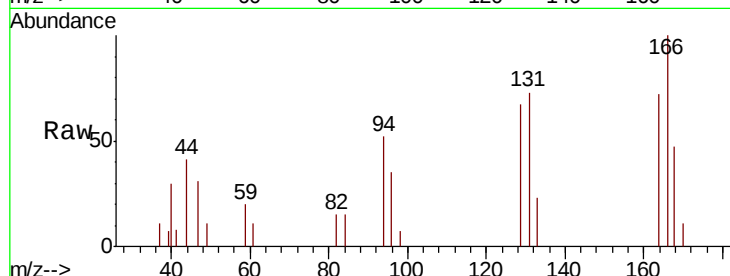
Ion Ratio Lower Upper

164 100

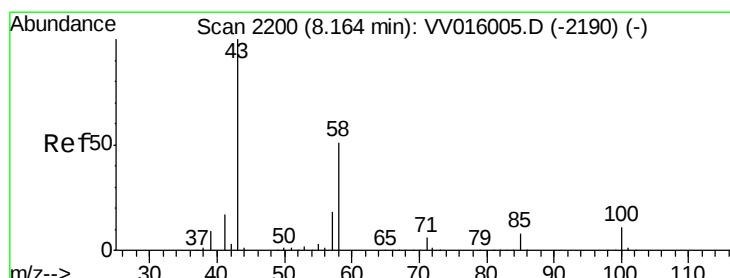
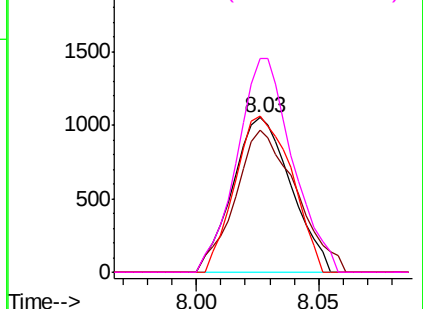
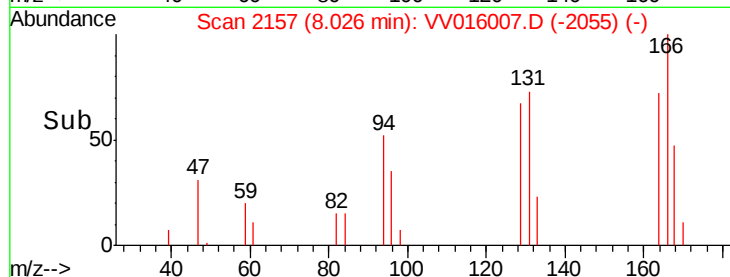
129 91.9 69.7 129.4

131 100.8 66.8 124.2

166 138.0 89.1 165.5



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: 2.796 ug/L

RT: 8.14 min Scan# 2193

Delta R.T. -0.02 min

Lab File: VV016007.D

Acq: 12 May 2020 12:24

Tgt Ion: 43 Resp: 10373

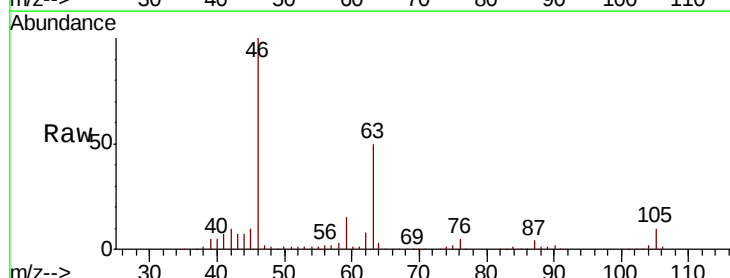
Ion Ratio Lower Upper

43 100

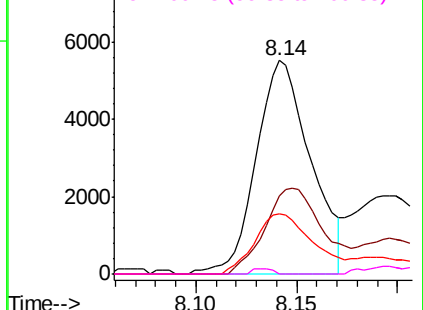
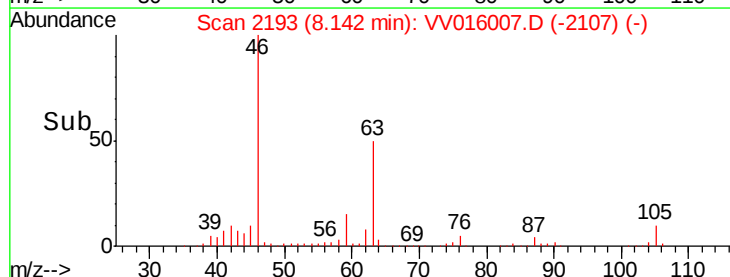
58 42.7 40.8 61.2

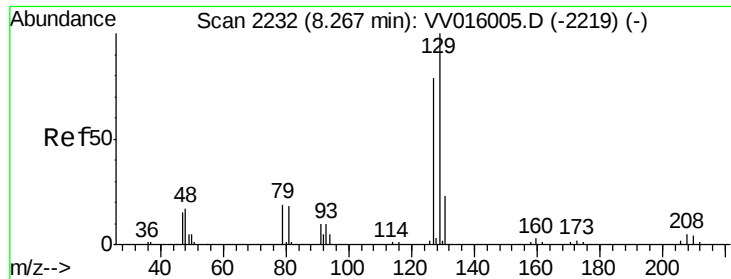
57 30.1 14.7 22.1#

100 1.0 9.0 13.6#



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: 8.03 min Scan# 2157

Delta R.T. -0.24 min

Lab File: VV016007.D

Acq: 12 May 2020 12:24

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:129 Resp: 1675

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#

