

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015966.D
 Acq On : 08 May 2020 15:33
 Operator : SY/MD
 Sample : L2520-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141008	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	137828	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32881	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	34393	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	54843	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.92	46	114419	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.38	84	76484	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	48237	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	161558	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.09	67	50689	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.34	98	143882	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.64	79	17464	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.11	63	83694	48.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35187	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55733	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

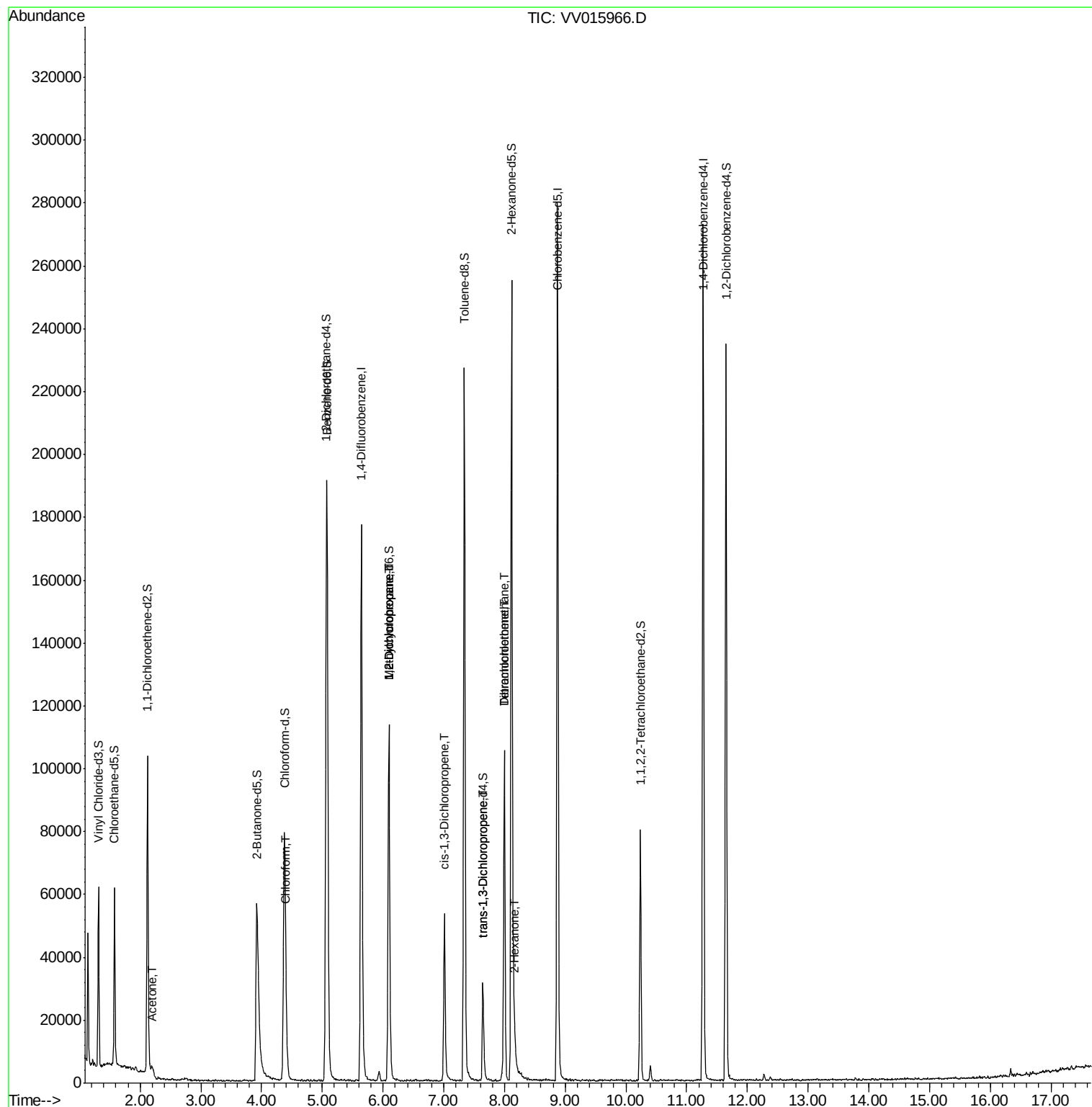
					Ovalue
13) Acetone	2.20	43	5767	4.006 ug/L	67
25) Chloroform	4.41	83	10042	0.552 ug/L	97
35) Methylcyclohexane	6.10	83	13341	0.891 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6369	0.723 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1313	0.105 ug/L #	51
46) trans-1,3-Dichloropropene	7.64	75	862	0.082 ug/L	90
49) Tetrachloroethene	8.00	164	21280	3.081 ug/L	96
50) 2-Hexanone	8.17	43	4722	1.216 ug/L #	43
51) Dibromochloromethane	8.00	129	20944	3.168 ug/L #	9

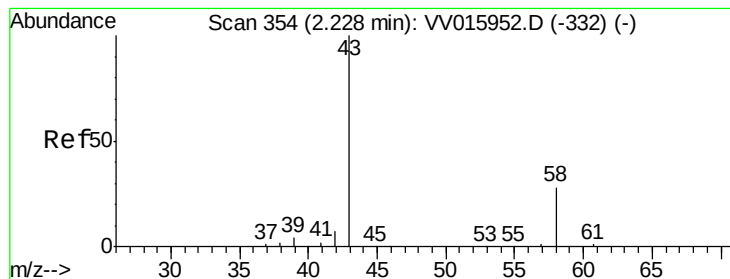
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 09 00:44:25 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.006 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV015966.D

Acq: 08 May 2020 15:33

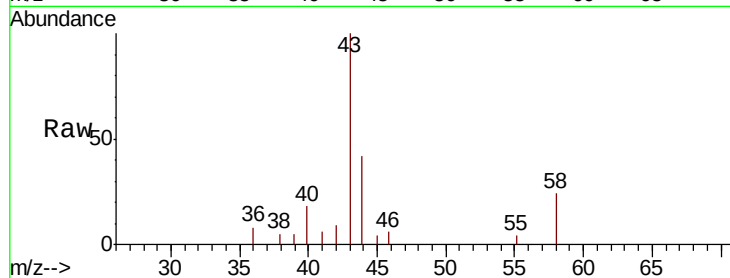
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5767

Ion Ratio Lower Upper

43 100

58 29.3 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

2500

2000

1500

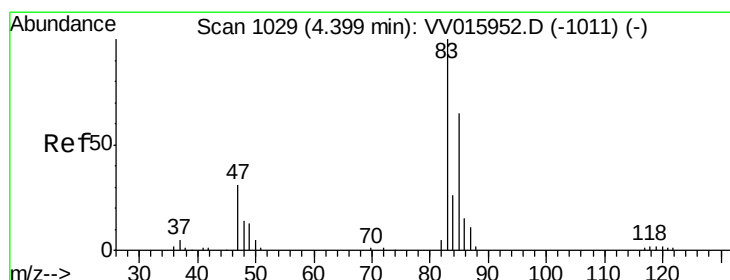
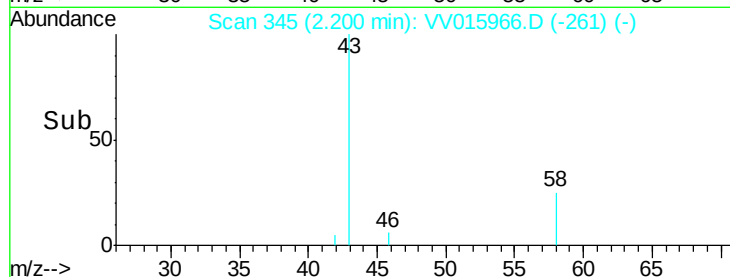
1000

500

0

Time-->

2.10 2.15 2.20 2.25 2.30



#25

Chloroform

Concen: 0.552 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015966.D

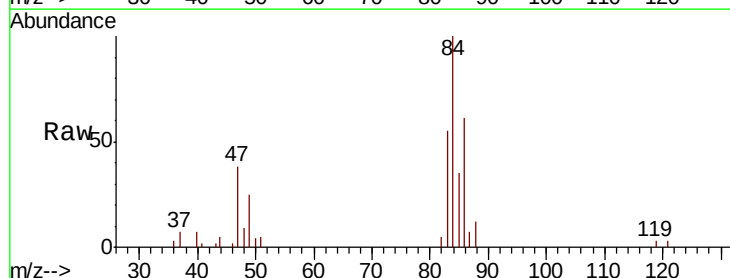
Acq: 08 May 2020 15:33

Tgt Ion: 83 Resp: 10042

Ion Ratio Lower Upper

83 100

85 63.1 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

4000

3000

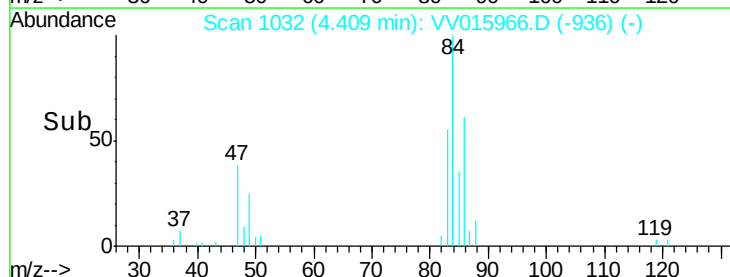
2000

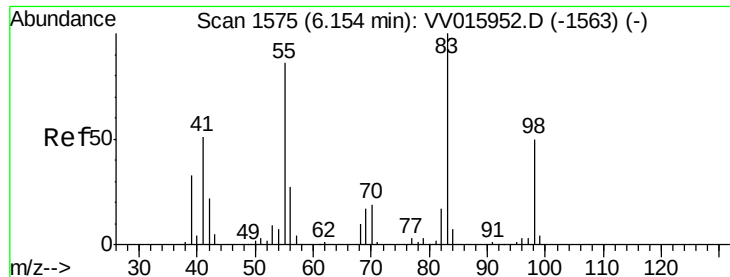
1000

0

Time-->

4.30 4.35 4.40 4.45 4.50

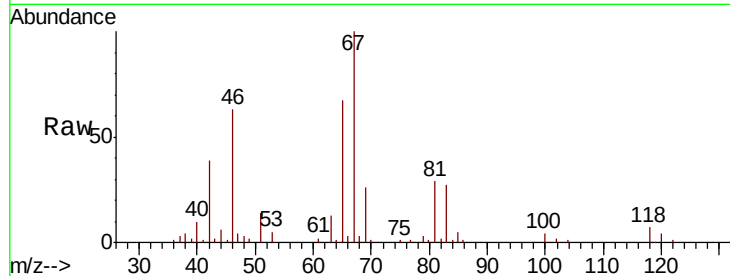




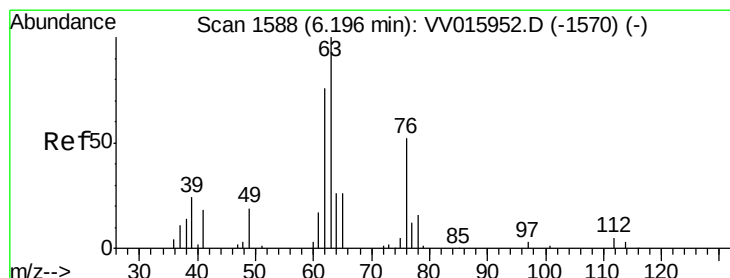
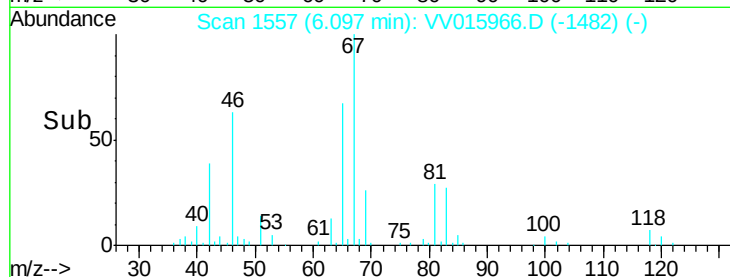
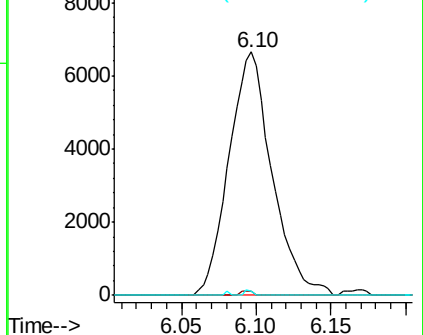
#35
Methvlcvclohexane
Concen: 0.891 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015966.D
Acq: 08 May 2020 15:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13341
Ion Ratio Lower Upper
83 100
55 0.5 66.2 99.2#
98 0.4 37.9 56.9#

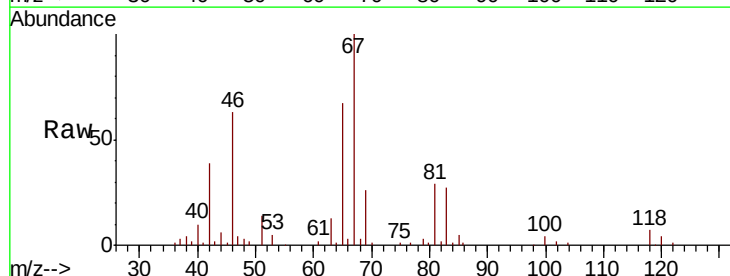


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

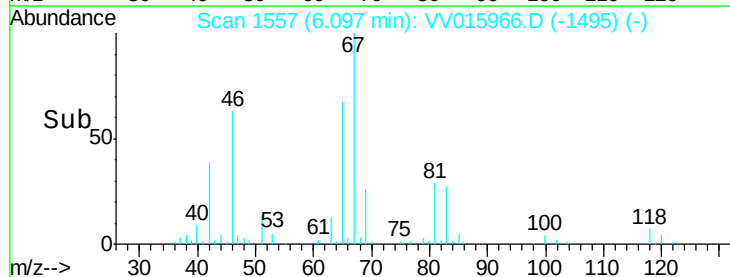
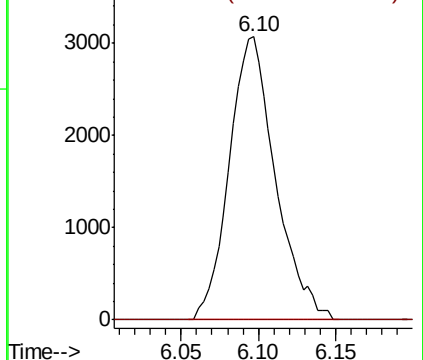


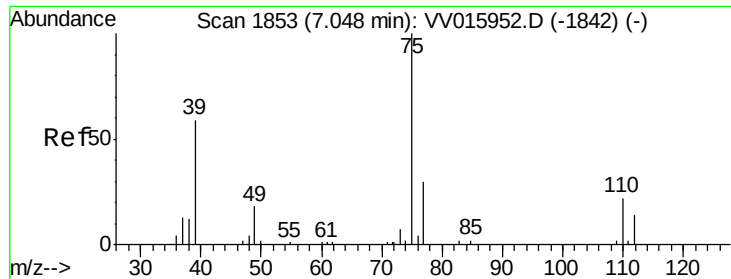
#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015966.D
Acq: 08 May 2020 15:33

Tgt Ion: 63 Resp: 6369
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

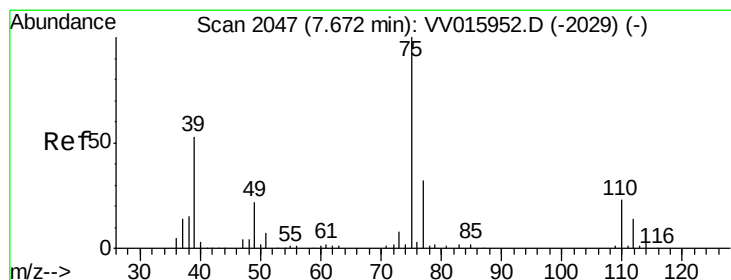
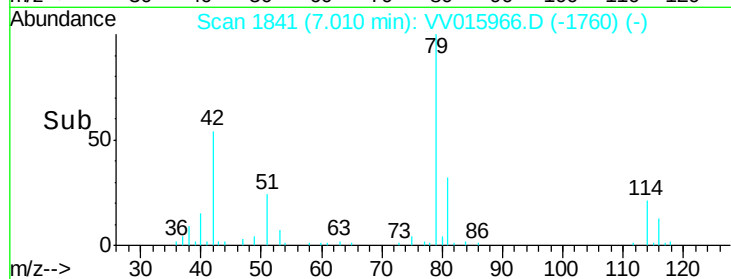
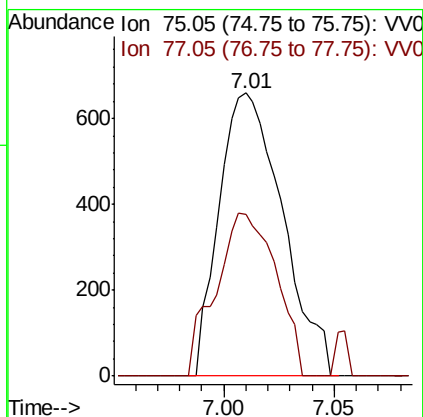
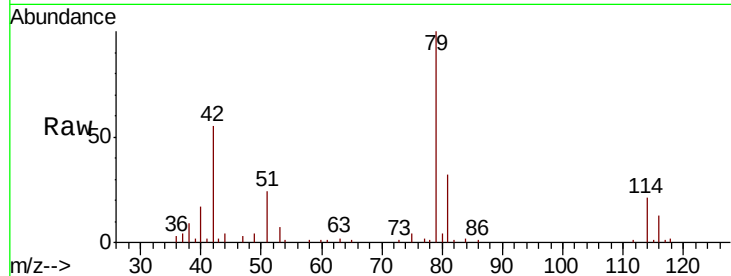




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015966.D
 Acq: 08 May 2020 15:33

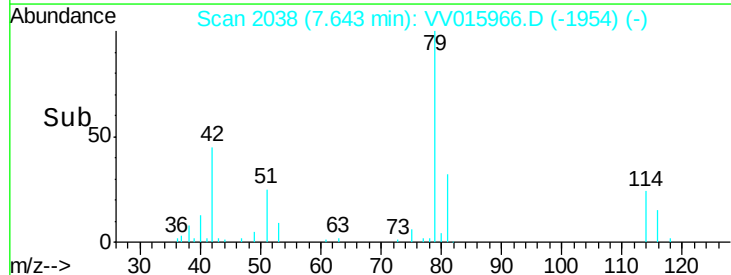
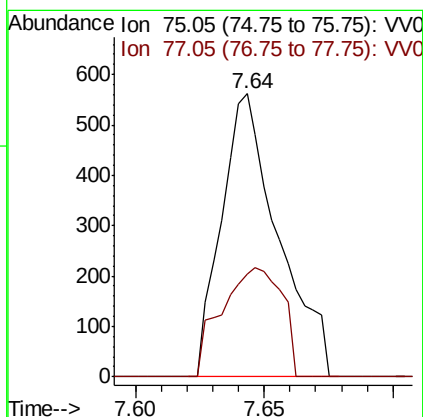
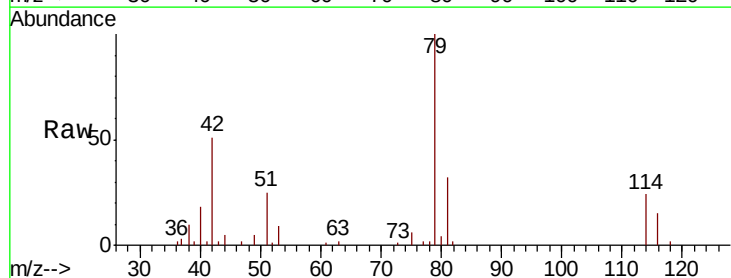
Instrument :
 MSVOA_V
 ClientSampleId :

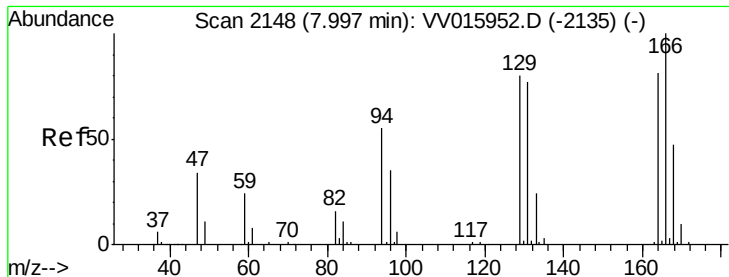
Tot Ion: 75 Resp: 1313
 Ion Ratio Lower Upper
 75 100
 77 57.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015966.D
 Acq: 08 May 2020 15:33

Tgt Ion: 75 Resp: 862
 Ion Ratio Lower Upper
 75 100
 77 36.1 21.3 39.6





#49

Tetrachloroethene

Concen: 3.081 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015966.D

Acq: 08 May 2020 15:33

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 21280

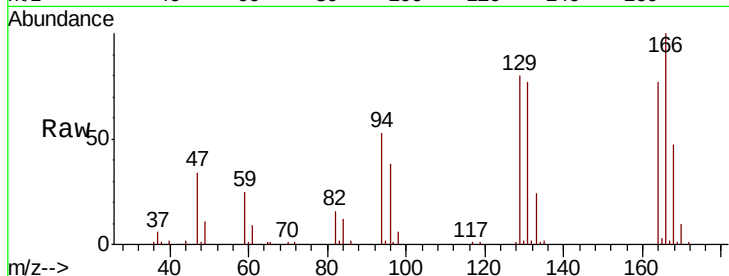
Ion Ratio Lower Upper

164 100

129 103.7 69.7 129.4

131 99.8 66.8 124.2

166 130.0 89.1 165.5

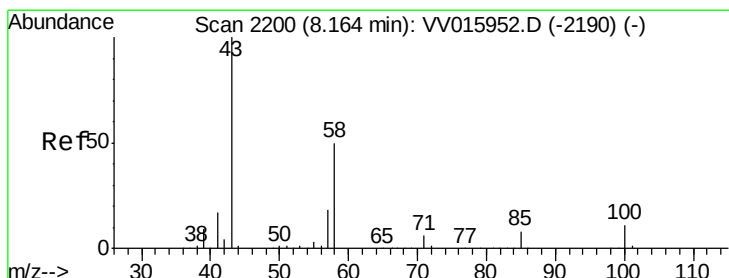
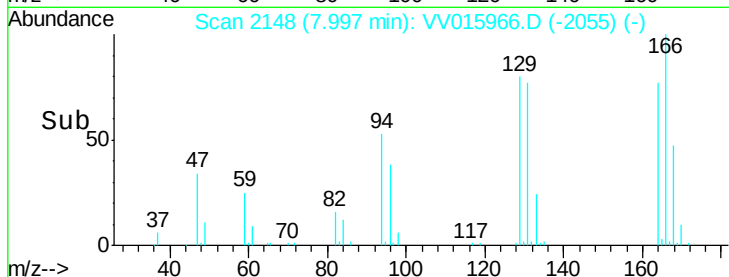
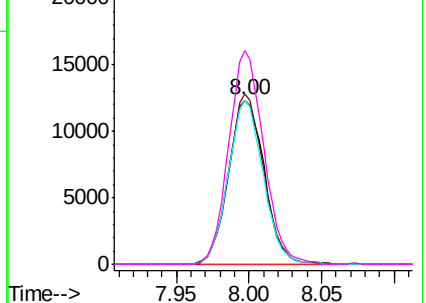


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.216 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015966.D

Acq: 08 May 2020 15:33

Tgt Ion: 43 Resp: 4722

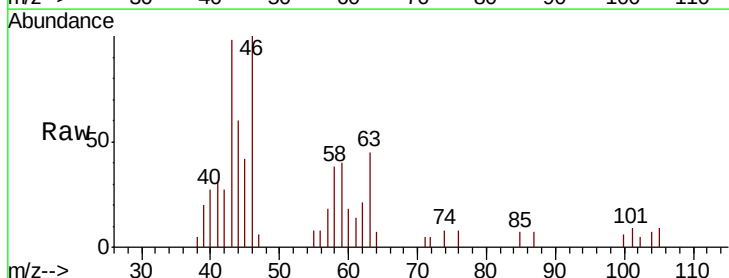
Ion Ratio Lower Upper

43 100

58 0.0 40.8 61.2#

57 3.1 14.7 22.1#

100 3.8 9.0 13.6#

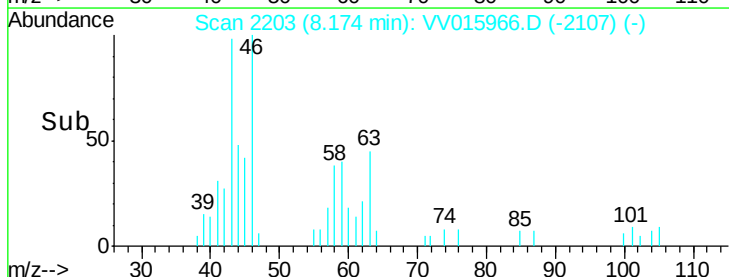
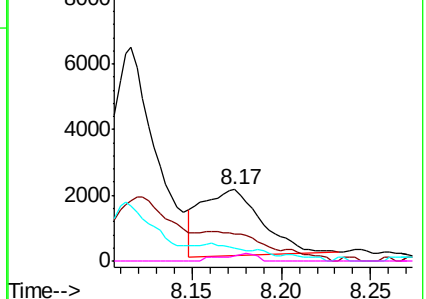


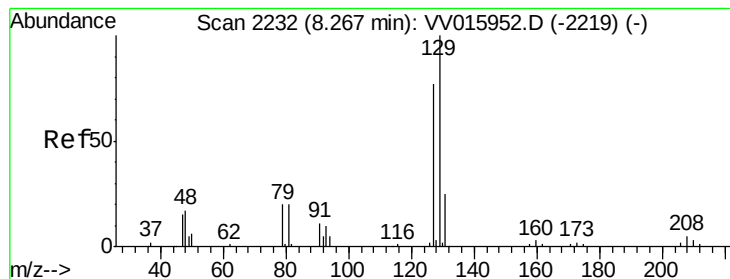
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 3.168 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015966.D

Acq: 08 May 2020 15:33

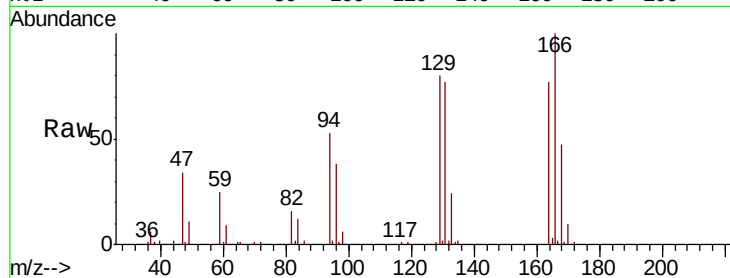
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 20944

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

