

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051220\
 Data File : VV016027.D
 Acq On : 12 May 2020 20:30
 Operator : SY/MD
 Sample : L2542-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 13 07:00:01 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	5.64	114	131765	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130544	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26004	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	1.57	69	27382	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.12	63	45056	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.97	46	88947	43.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.24%
24) Chloroform-d	4.38	84	66088	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	5.06	65	41682	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.08	84	138627	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.10	67	45544	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.34	98	123281	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
45) trans-1,3-Dichloropropene-	7.65	79	13203	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
48) 2-Hexanone-d5	8.12	63	75663	46.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32580	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	46703	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

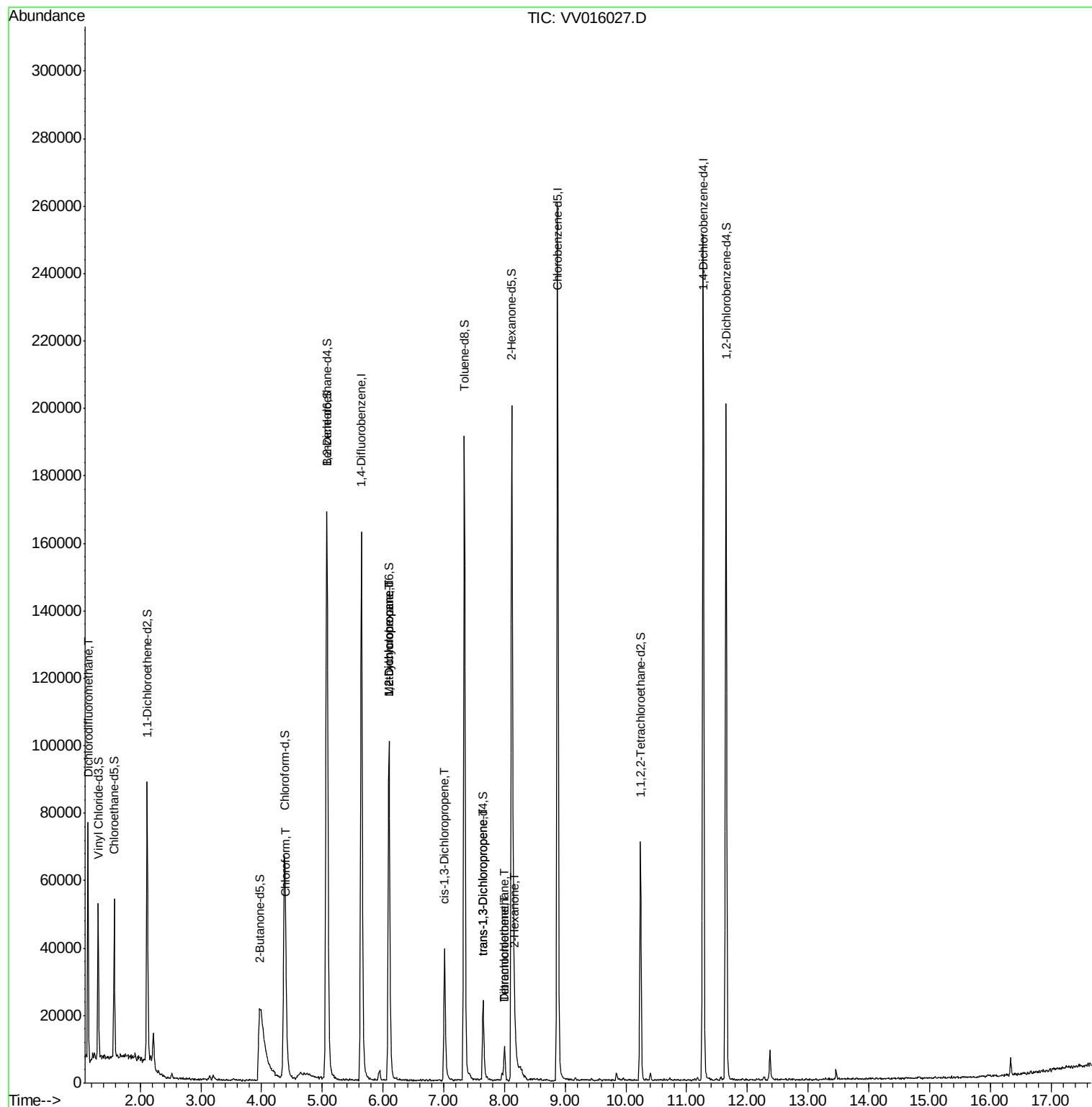
					Ovalue
2) Dichlorodifluoromethane	1.14	85	791	0.078 ug/L	97
25) Chloroform	4.41	83	10093	0.594 ug/L	90
35) Methylcyclohexane	6.10	83	11587	0.817 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5592	0.670 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1159	0.098 ug/L #	55
46) trans-1,3-Dichloropropene	7.65	75	581	0.058 ug/L #	75
49) Tetrachloroethene	8.00	164	2119	0.324 ug/L	94
50) 2-Hexanone	8.17	43	3937	1.070 ug/L #	50
51) Dibromochloromethane	8.00	129	2042	0.326 ug/L #	9

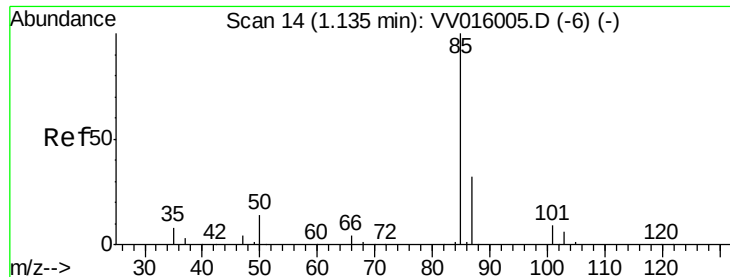
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 13 06:55:36 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.078 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV016027.D

Acq: 12 May 2020 20:30

Instrument :

MSVOA_V

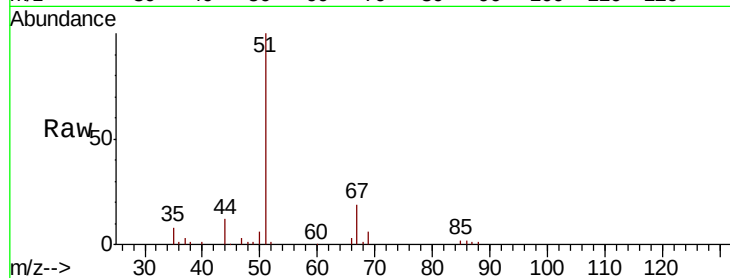
ClientSampled :

Tot Ion: 85 Resp: 791

Ion Ratio Lower Upper

85 100

87 31.2 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

800

600

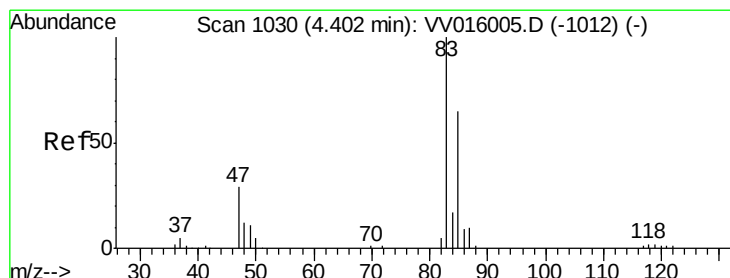
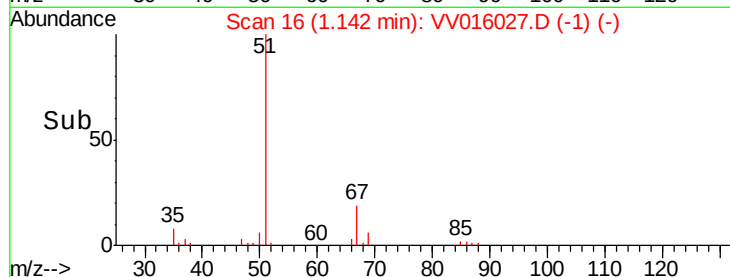
400

200

0

1.12 1.14 1.16

Time-->



#25

Chloroform

Concen: 0.594 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV016027.D

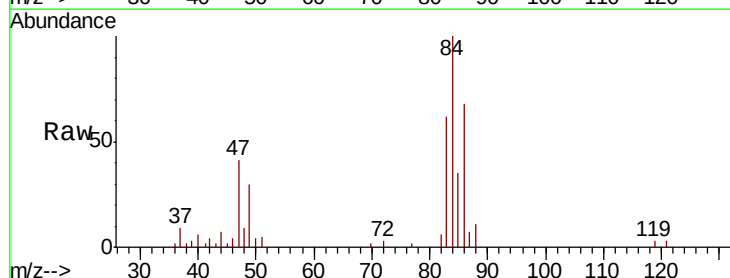
Acq: 12 May 2020 20:30

Tgt Ion: 83 Resp: 10093

Ion Ratio Lower Upper

83 100

85 57.3 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

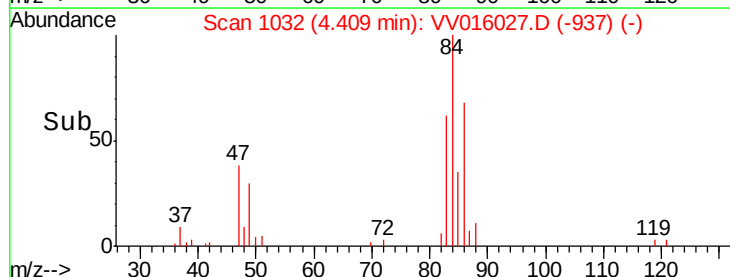
2000

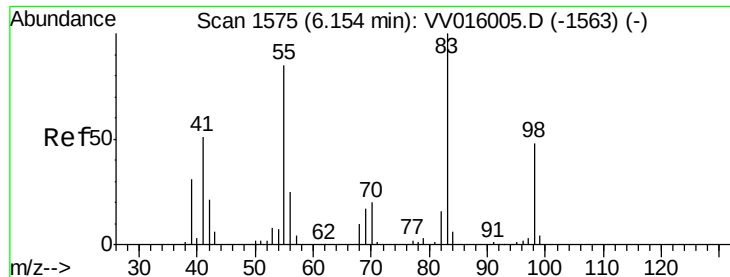
1000

0

4.30 4.35 4.40 4.45 4.50

Time-->

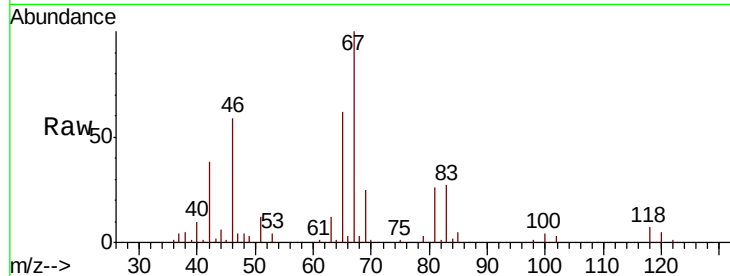




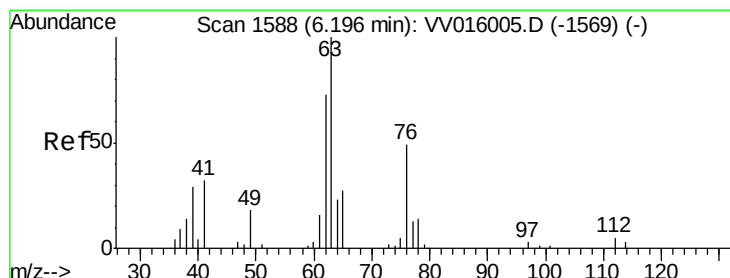
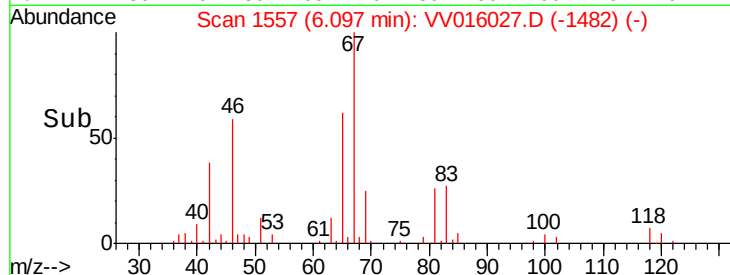
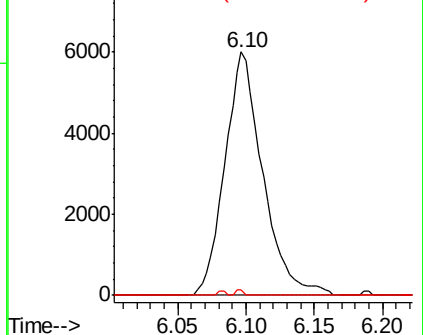
#35
Methylvlcyclohexane
Concen: 0.817 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016027.D
Acq: 12 May 2020 20:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11587
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.4 37.9 56.9#

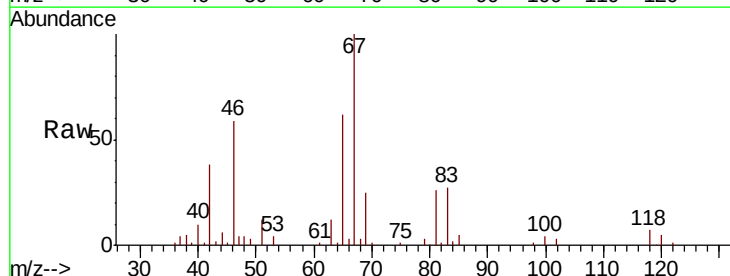


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

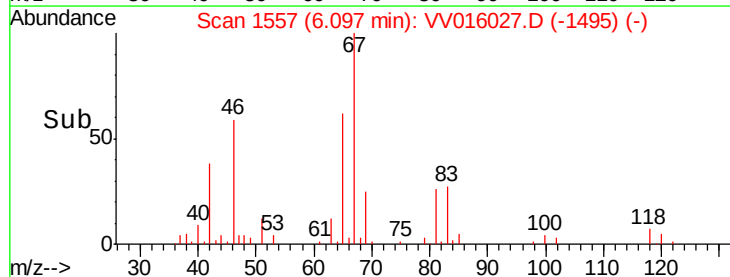
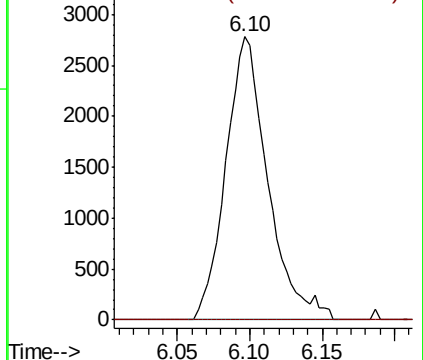


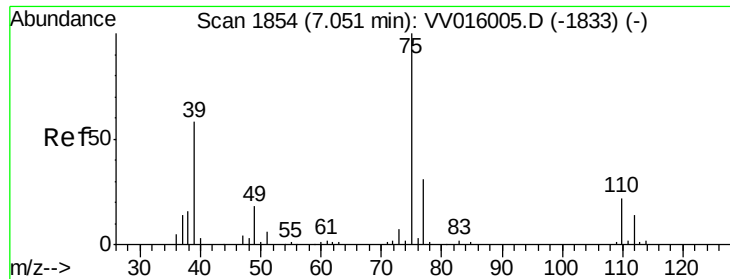
#37
1,2-Dichloropropane
Concen: 0.670 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016027.D
Acq: 12 May 2020 20:30

Tgt Ion: 63 Resp: 5592
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

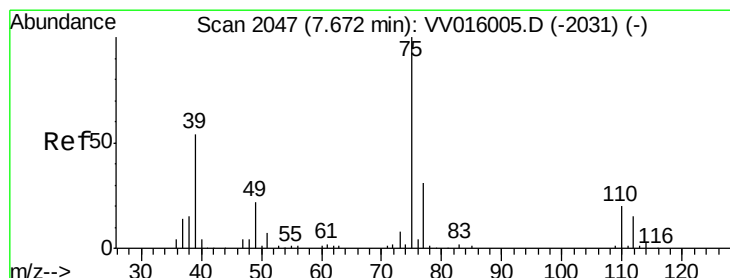
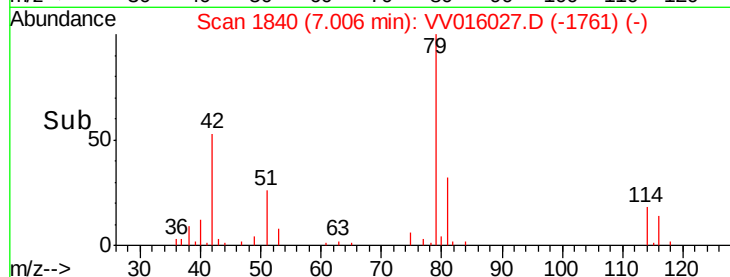
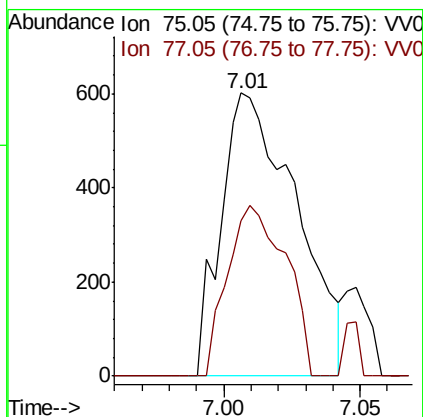
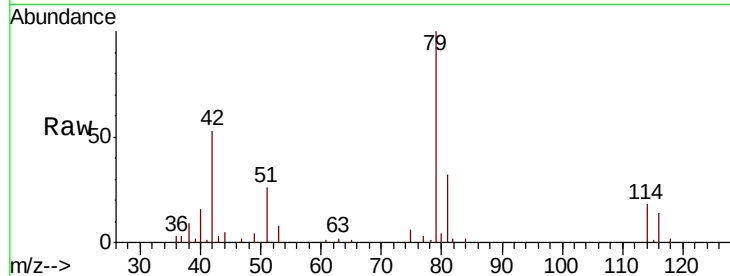




#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016027.D
 Acq: 12 May 2020 20:30

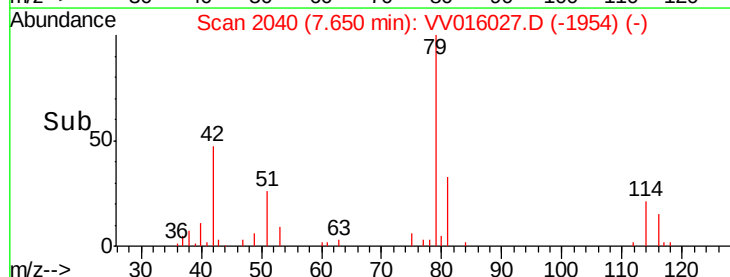
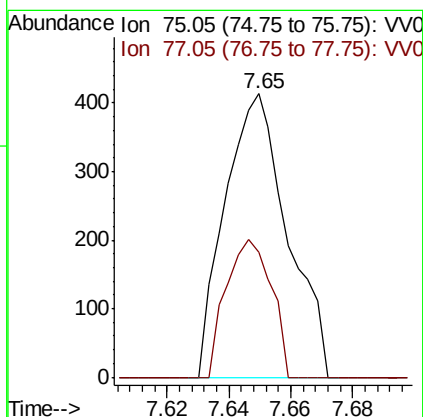
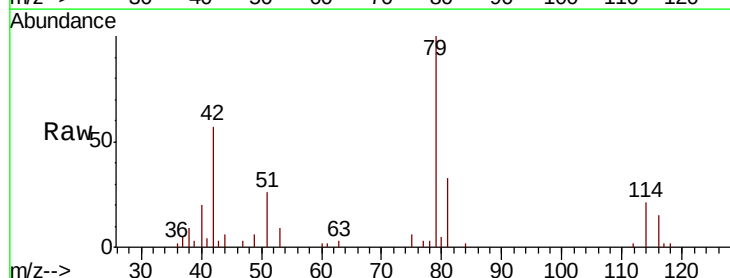
Instrument :
 MSVOA_V
 ClientSampleId :

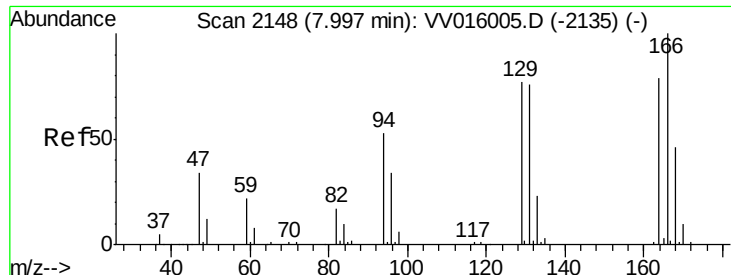
Tot Ion: 75 Resp: 1159
 Ion Ratio Lower Upper
 75 100
 77 55.0 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016027.D
 Acq: 12 May 2020 20:30

Tgt Ion: 75 Resp: 581
 Ion Ratio Lower Upper
 75 100
 77 44.1 21.3 39.6#





#49

Tetrachloroethene

Concen: 0.324 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV016027.D

Acq: 12 May 2020 20:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2119

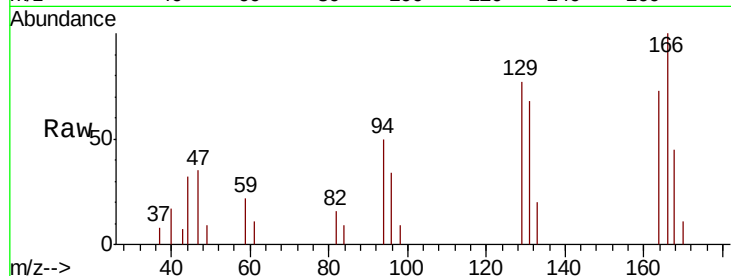
Ion Ratio Lower Upper

164 100

129 105.5 69.7 129.4

131 93.7 66.8 124.2

166 137.0 89.1 165.5

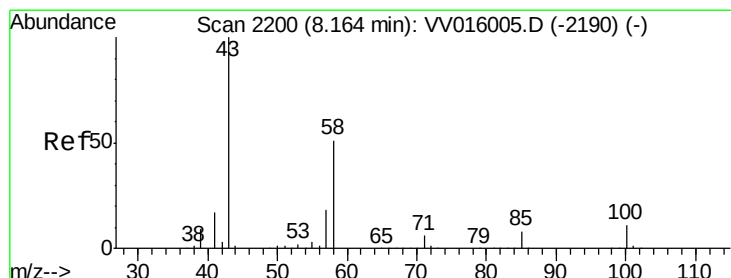
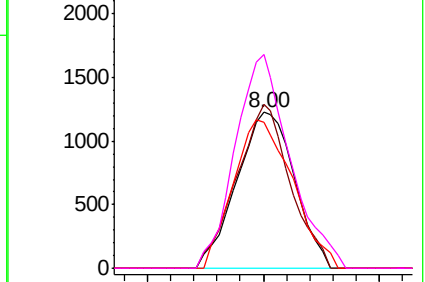
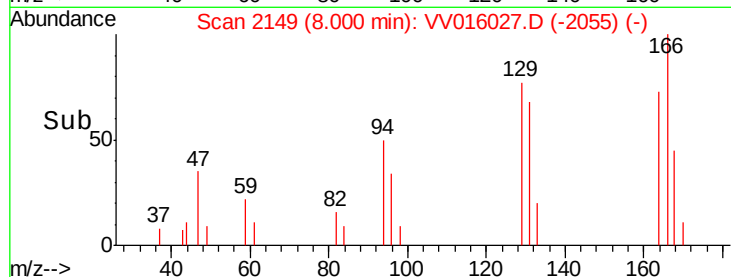


Abundance Ion 163.90 (163.60 to 164.60): V

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: 1.070 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV016027.D

Acq: 12 May 2020 20:30

Tgt Ion: 43 Resp: 3937

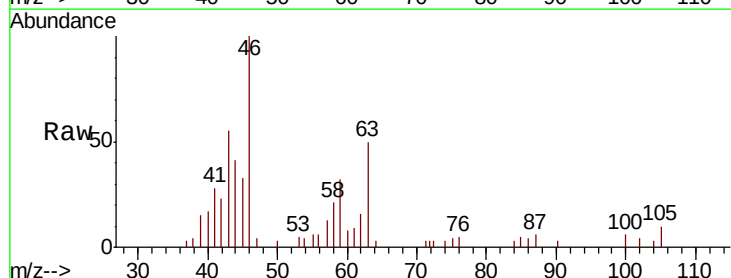
Ion Ratio Lower Upper

43 100

58 0.0 40.8 61.2#

57 22.8 14.7 22.1#

100 6.3 9.0 13.6#

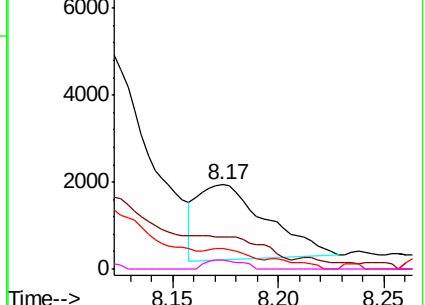
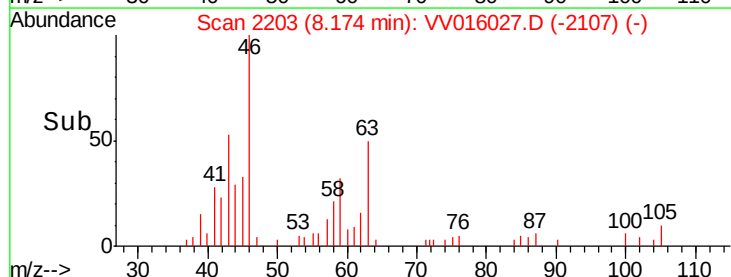


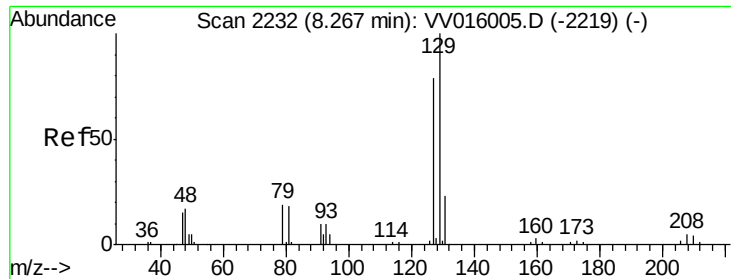
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.326 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. -0.27 min
 Lab File: VV016027.D
 Acq: 12 May 2020 20:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 2042
 Ion Ratio Lower Upper
 129 100
 127 0.0 56.0 104.0#

