

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016134.D
 Acq On : 20 May 2020 16:15
 Operator : SY/MD
 Sample : VIBLK41
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:41:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 21 01:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140914	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142431	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65075	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31842	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	36359	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	57452	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.93	46	121537	55.73	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.46%
24) Chloroform-d	4.38	84	81755	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	48298	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	163643	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	52825	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	141106	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	7.65	79	17513	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
48) 2-Hexanone-d5	8.12	63	91788	51.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.92%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39920	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	55388	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

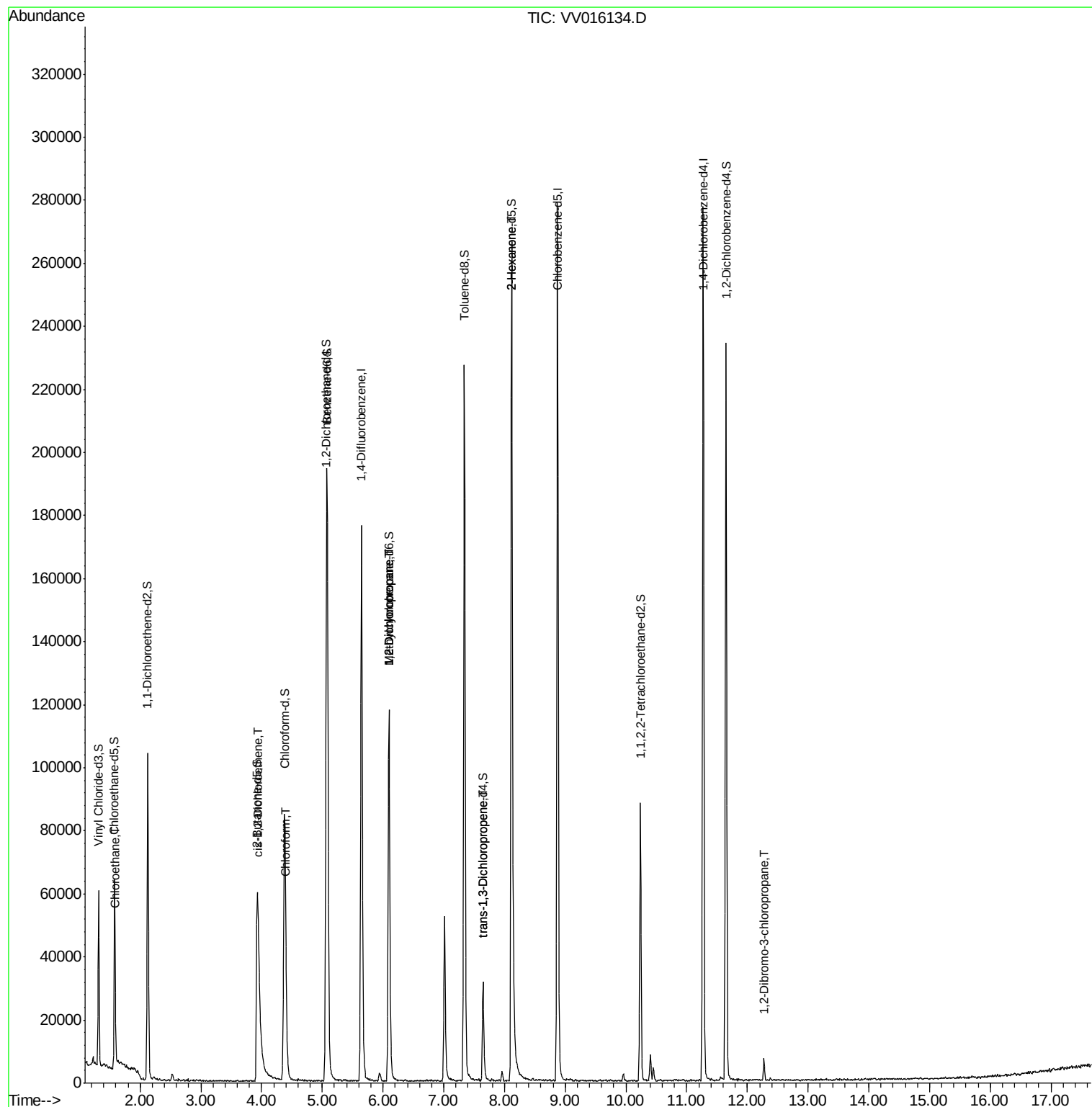
					Ovalue
8) Chloroethane	1.60	64	1695	0.228 ug/L #	41
22) cis-1,2-Dichloroethene	3.95	96	804	0.090 ug/L	87
25) Chloroform	4.41	83	8637	0.475 ug/L	97
35) Methylcyclohexane	6.10	83	13410	0.867 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6846	0.752 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	937	0.086 ug/L	96
50) 2-Hexanone	8.12	43	15737	3.922 ug/L #	79
67) 1,2-Dibromo-3-chloropropan	12.28	75	458	0.442 ug/L #	6

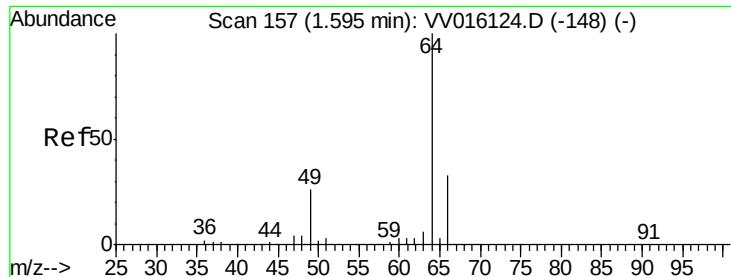
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
Data File : VV016134.D
Acq On : 20 May 2020 16:15
Operator : SY/MD
Sample : VIBLK41
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 21 01:41:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.228 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV016134.D

Acq: 20 May 2020 16:15

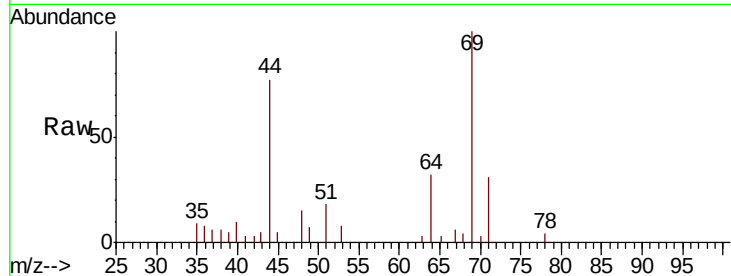
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 64 Resp: 1695

Ion Ratio Lower Upper

64 100

66 0.0 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

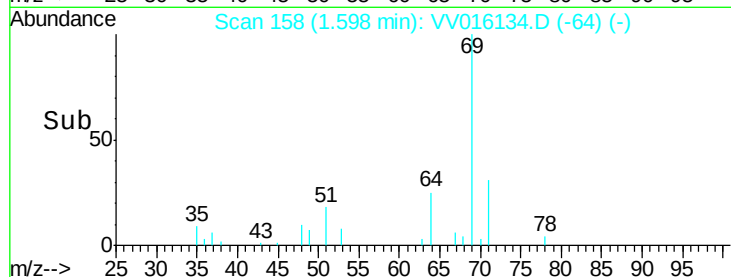
1500

1000

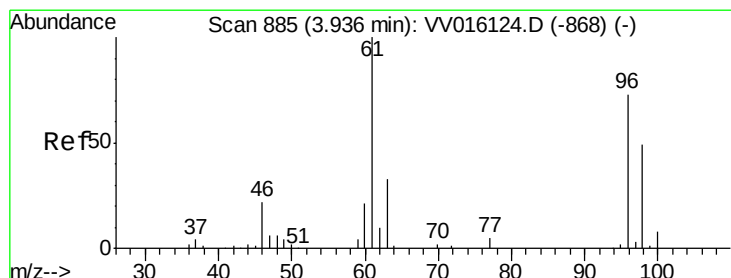
500

0

Time-->



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.090 ug/L

RT: 3.95 min Scan# 889

Delta R.T. 0.01 min

Lab File: VV016134.D

Acq: 20 May 2020 16:15

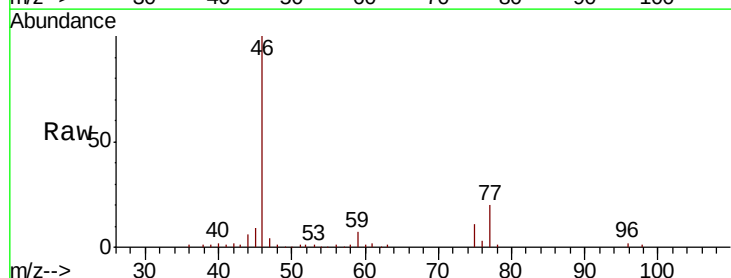
Tgt Ion: 96 Resp: 804

Ion Ratio Lower Upper

96 100

61 154.9 97.2 180.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

800

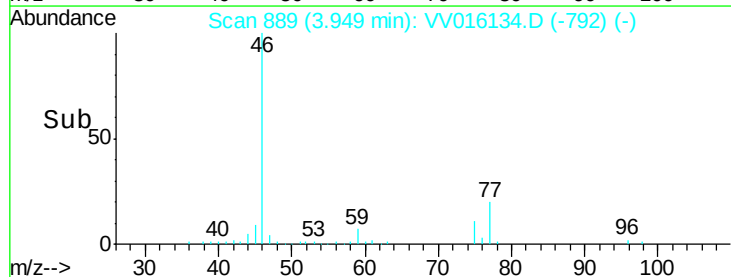
600

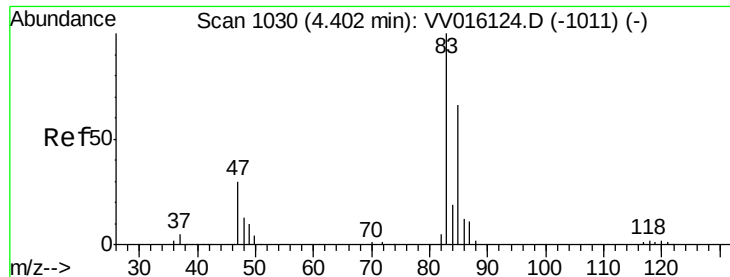
400

200

0

Time-->

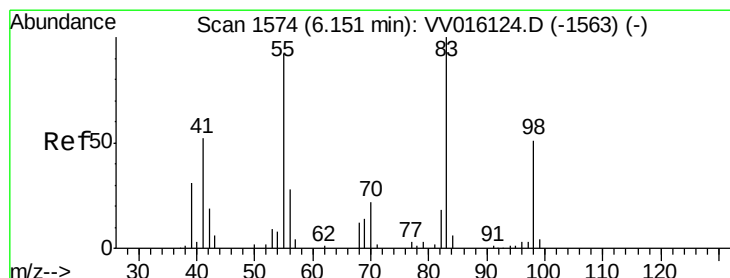
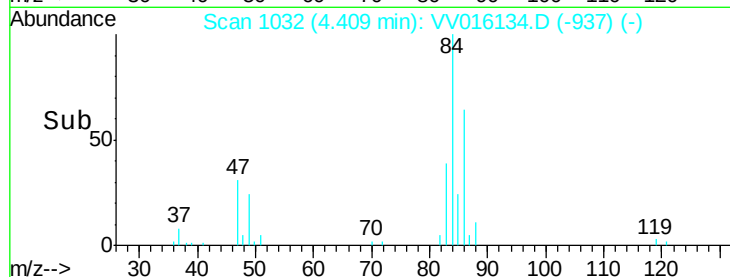
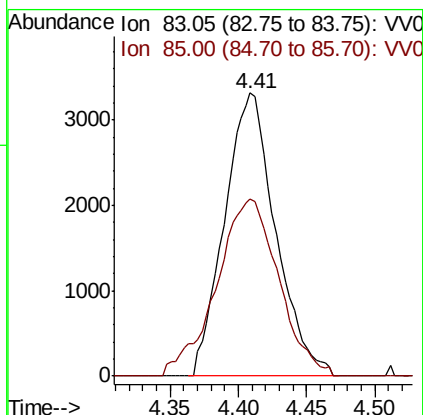
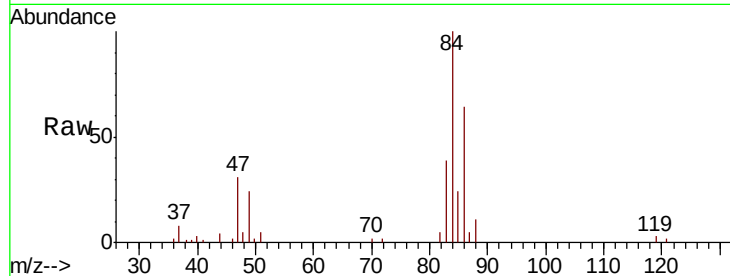




#25
Chloroform
Concen: 0.475 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016134.D
Acq: 20 May 2020 16:15

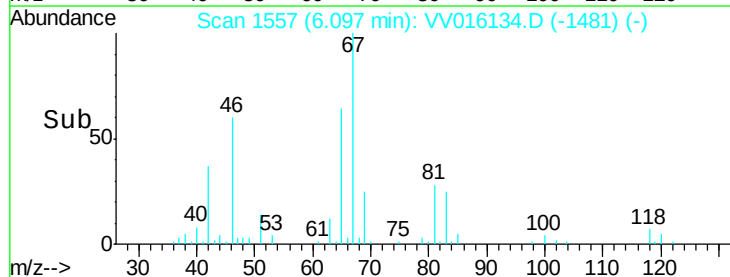
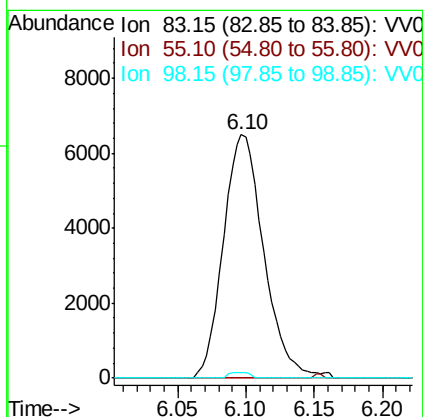
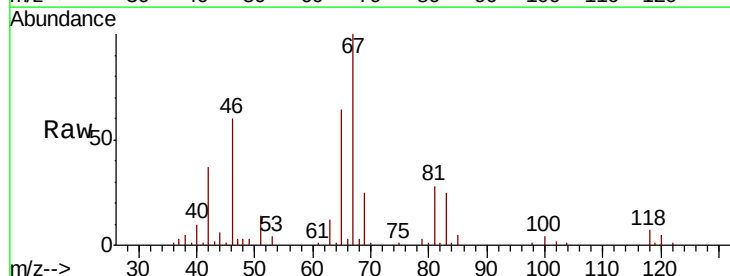
Instrument :
MSVOA_V
ClientSampleId :

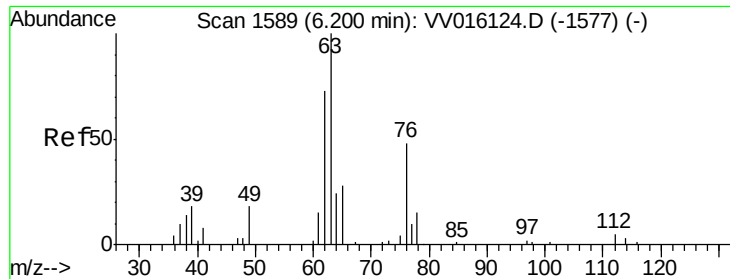
Tot Ion: 83 Resp: 8637
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9



#35
Methylcyclohexane
Concen: 0.867 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016134.D
Acq: 20 May 2020 16:15

Tgt Ion: 83 Resp: 13410
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 1.1 37.9 56.9#

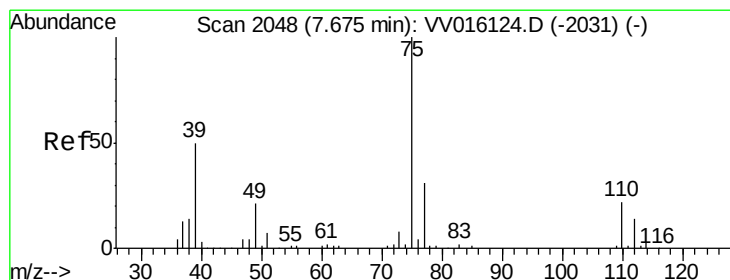
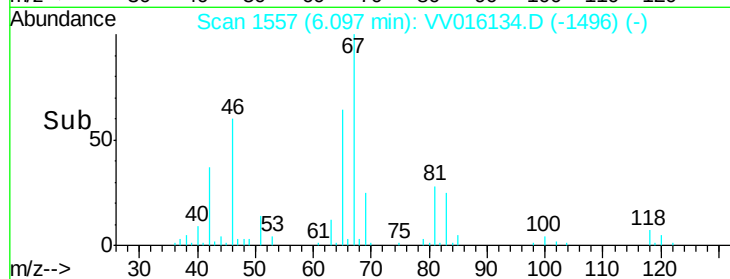
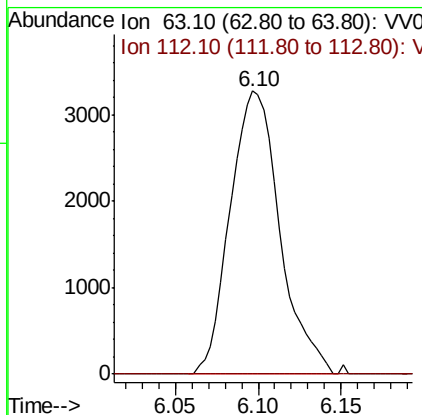
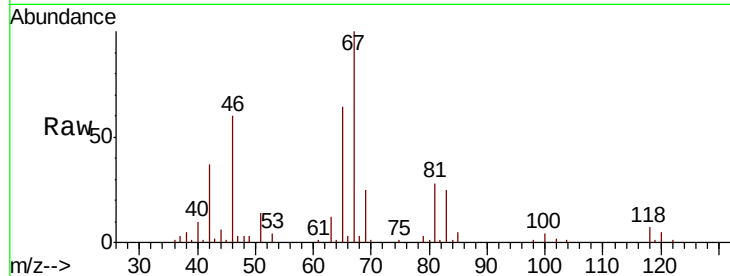




#37
 1,2-Dichloropropane
 Concen: 0.752 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016134.D
 Acq: 20 May 2020 16:15

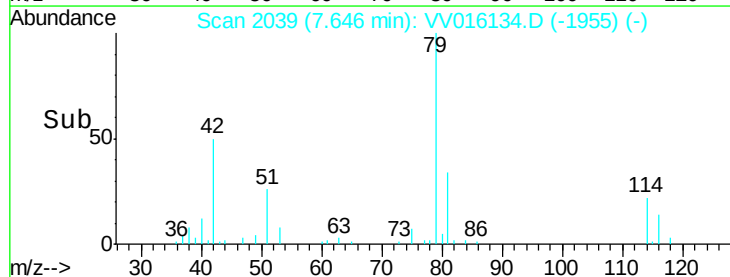
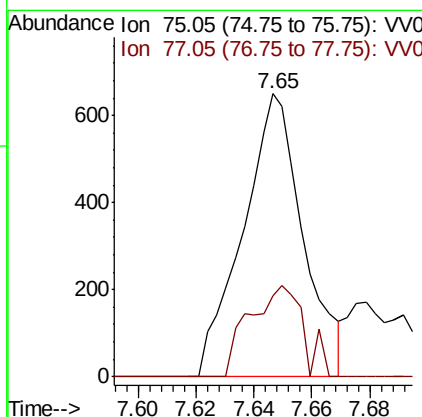
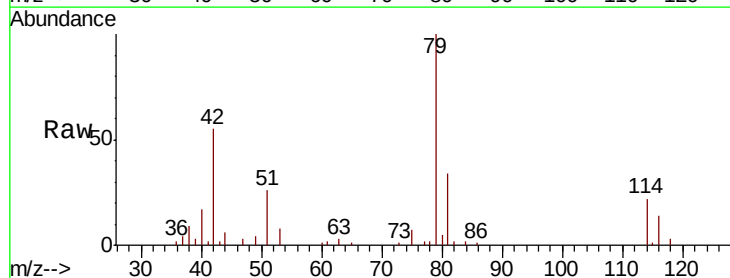
Instrument :
 MSVOA_V
 ClientSampleId :

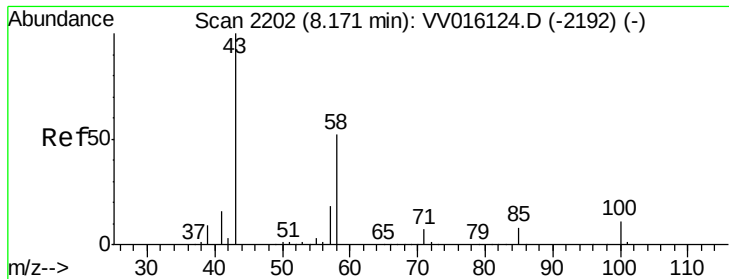
Tot Ion: 63 Resp: 6846
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016134.D
 Acq: 20 May 2020 16:15

Tgt Ion: 75 Resp: 937
 Ion Ratio Lower Upper
 75 100
 77 28.5 21.3 39.6

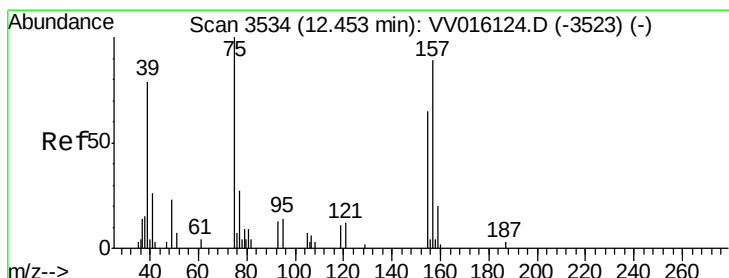
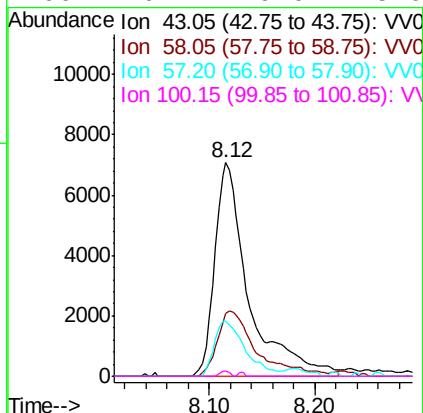
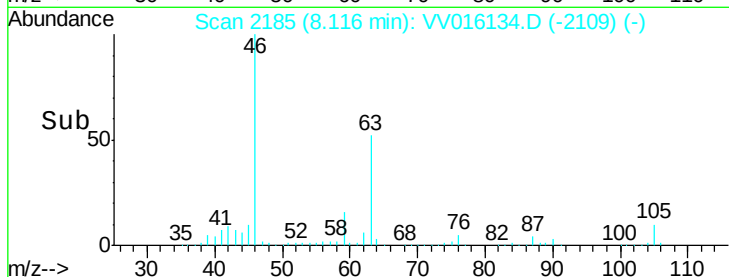
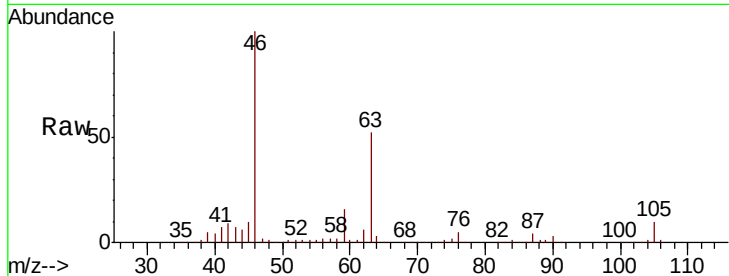




#50
2-Hexanone
Concen: 3.922 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016134.D
Acq: 20 May 2020 16:15

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15737
Ion Ratio Lower Upper
43 100
58 35.0 40.8 61.2#
57 23.7 14.7 22.1#
100 0.7 9.0 13.6#



#67
1,2-Dibromo-3-chloropropane
Concen: 0.442 ug/L
RT: 12.28 min Scan# 3479
Delta R.T. -0.18 min
Lab File: VV016134.D
Acq: 20 May 2020 16:15

Tgt Ion: 75 Resp: 458
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.4#
157 0.0 79.4 119.2#

