

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052020\
 Data File : VV016128.D
 Acq On : 20 May 2020 13:56
 Operator : SY/MD
 Sample : L2725-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 21 01:39:10 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	5.65	114	138600	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	138287	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34328	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	37029	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	59814	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.93	46	121320	56.56	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.12%
24) Chloroform-d	4.38	84	85528	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.06	65	51160	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.08	84	166359	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.10	67	54393	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.34	98	144320	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	18150	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
48) 2-Hexanone-d5	8.12	63	92506	53.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40030	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	55841	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

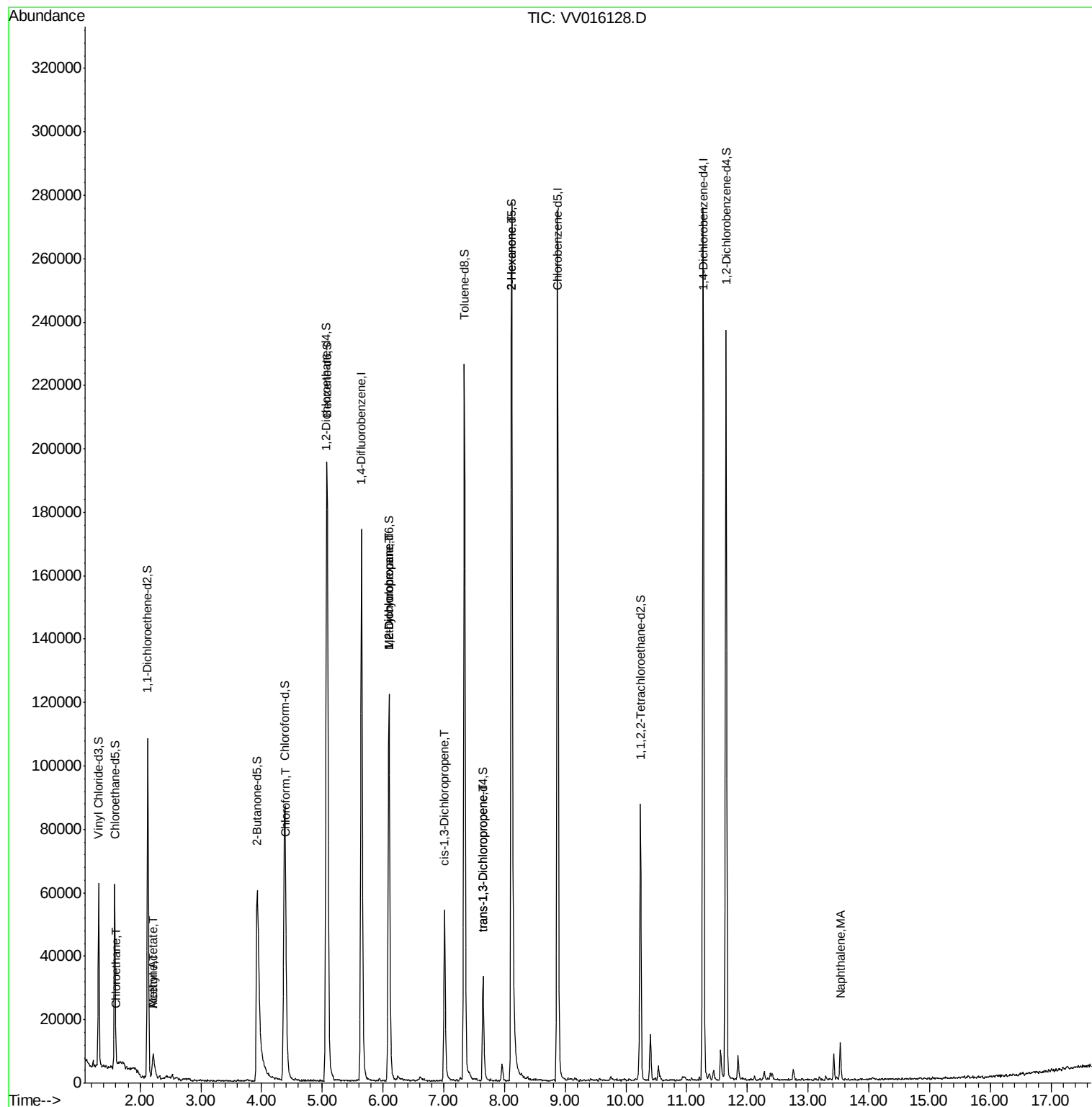
					Ovalue
8) Chloroethane	1.61	64	2114	0.289 ug/L #	41
13) Acetone	2.22	43	14253	10.074 ug/L	67
15) Methyl Acetate	2.22	43	13843	4.234 ug/L #	51
25) Chloroform	4.41	83	8268	0.462 ug/L	93
35) Methylcyclohexane	6.10	83	13199	0.879 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6790	0.768 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1615	0.129 ug/L #	66
46) trans-1,3-Dichloropropene	7.65	75	1060	0.100 ug/L #	70
50) 2-Hexanone	8.12	43	18895	4.850 ug/L #	71
70) Naphthalene	13.53	128	8617	0.497 ug/L	98

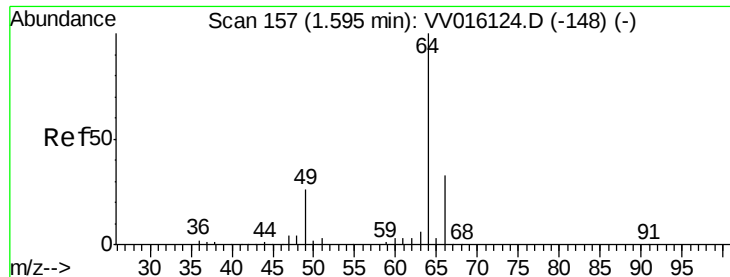
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 21 01:36:12 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.289 ug/L

RT: 1.61 min Scan# 162

Delta R.T. 0.02 min

Lab File: VV016128.D

Acq: 20 May 2020 13:56

Instrument :

MSVOA_V

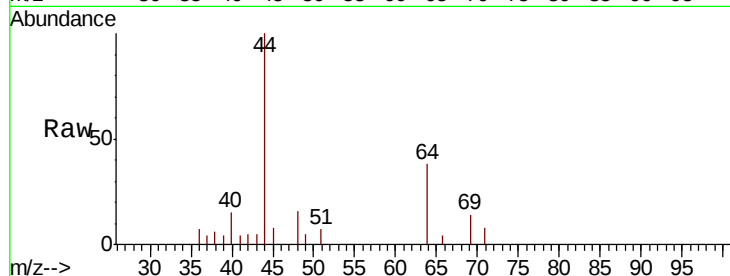
ClientSampleId :

Tot Ion: 64 Resp: 2114

Ion Ratio Lower Upper

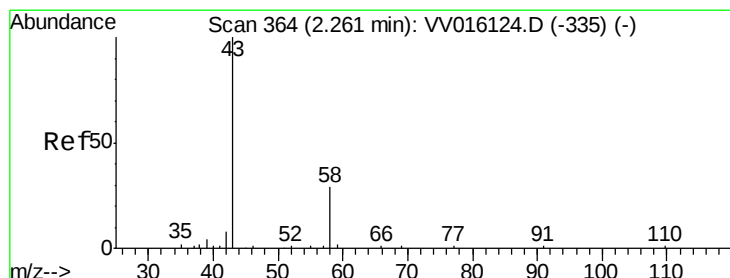
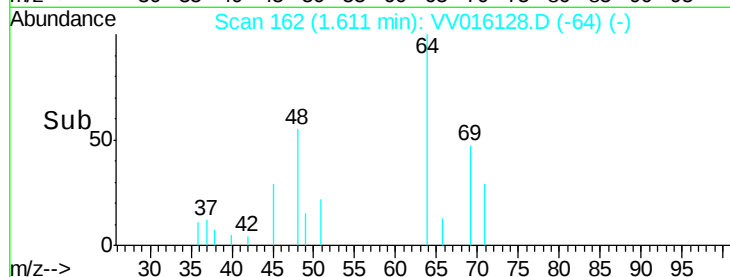
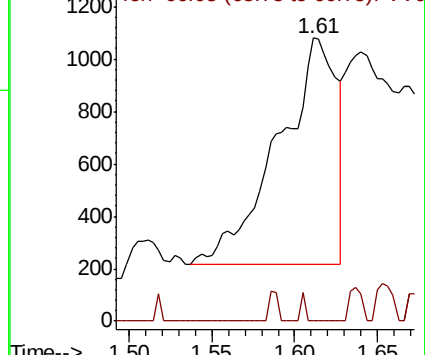
64 100

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



#13

Acetone

Concen: 10.074 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.05 min

Lab File: VV016128.D

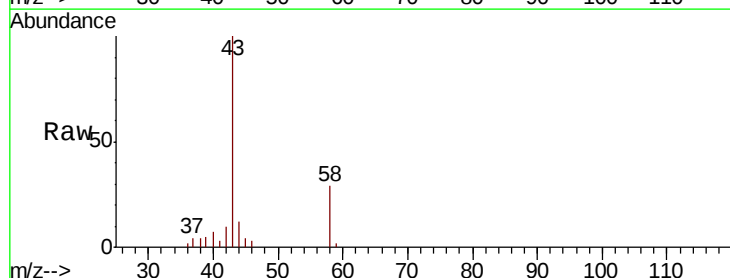
Acq: 20 May 2020 13:56

Tgt Ion: 43 Resp: 14253

Ion Ratio Lower Upper

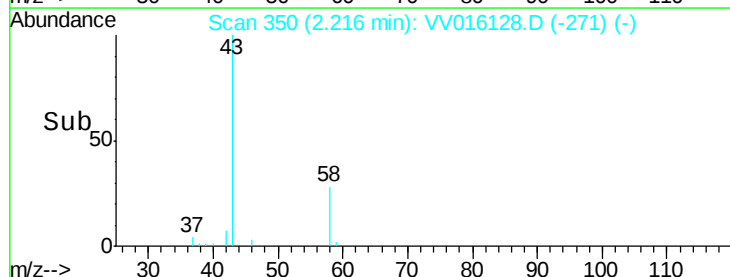
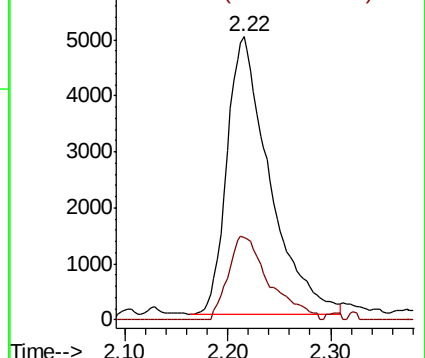
43 100

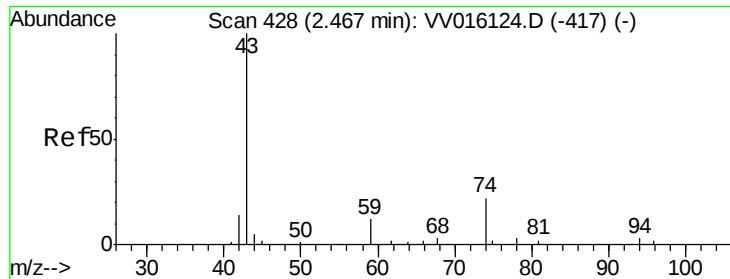
58 29.1 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

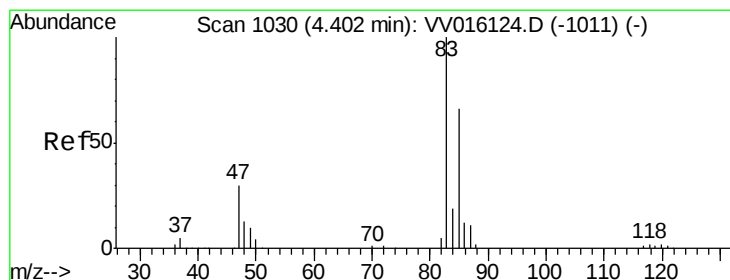
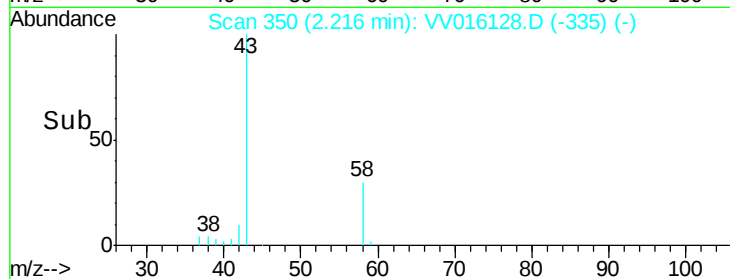
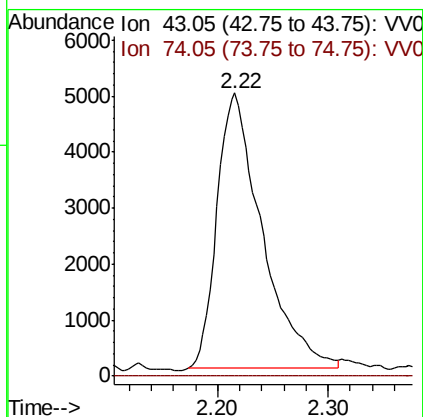
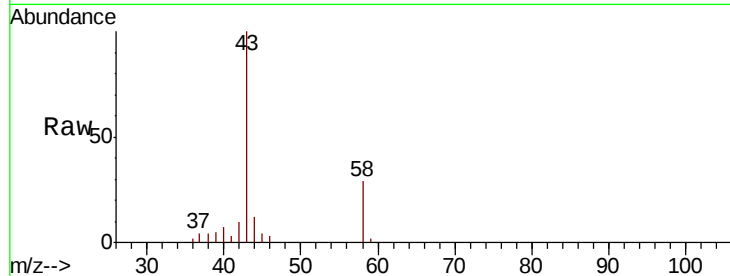




#15
Methvl Acetate
Concen: 4.234 ug/L
RT: 2.22 min Scan# 350
Delta R.T. -0.25 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

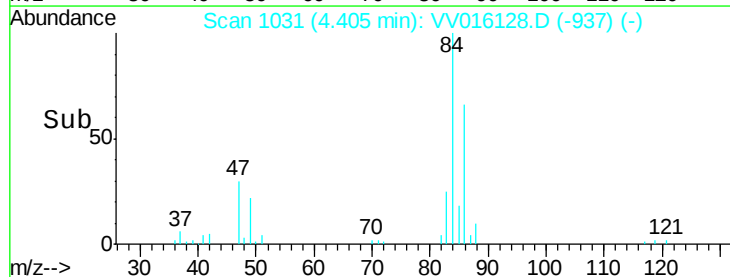
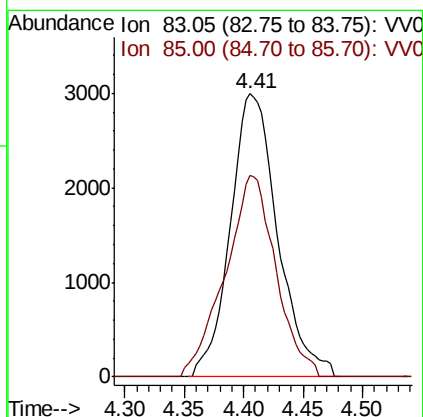
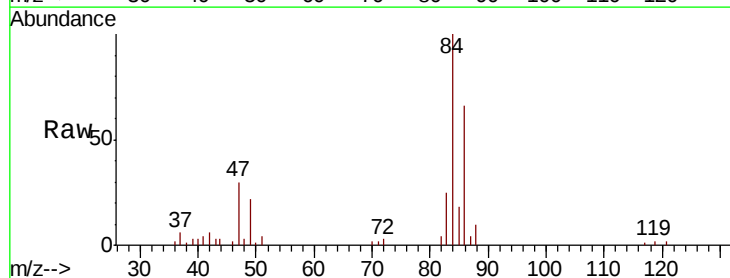
Instrument :
MSVOA_V
ClientSampleId :

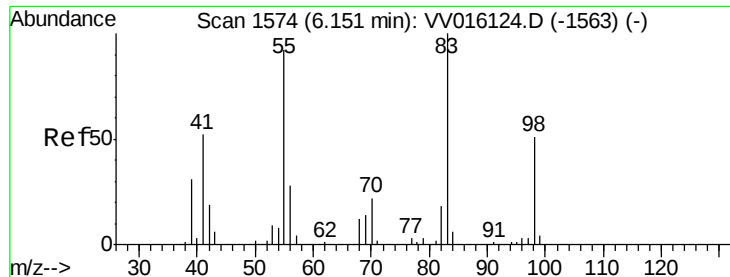
Tot Ion: 43 Resp: 13843
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
Chloroform
Concen: 0.462 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

Tgt Ion: 83 Resp: 8268
Ion Ratio Lower Upper
83 100
85 71.1 45.7 84.9

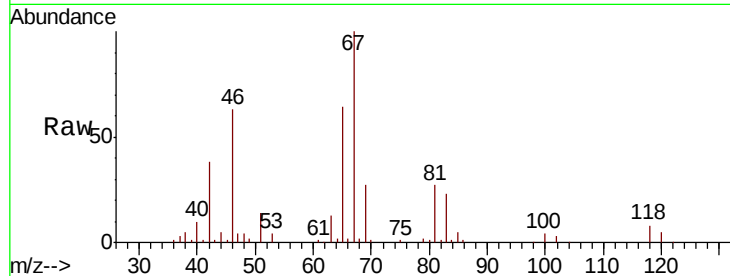




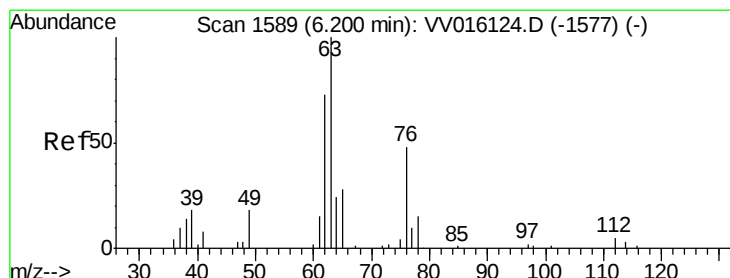
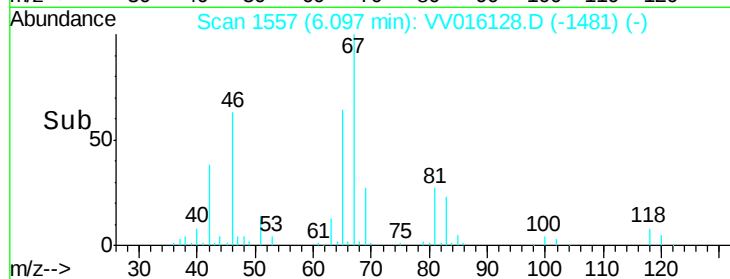
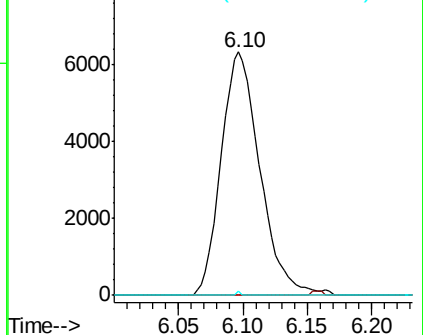
#35
Methvlcvclohexane
Concen: 0.879 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 13199
Ion Ratio Lower Upper
83 100
55 0.5 66.2 99.2#
98 0.2 37.9 56.9#

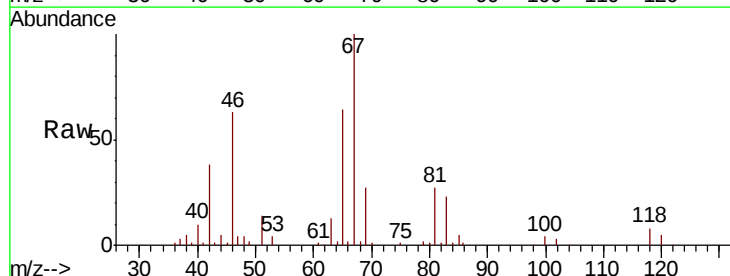


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

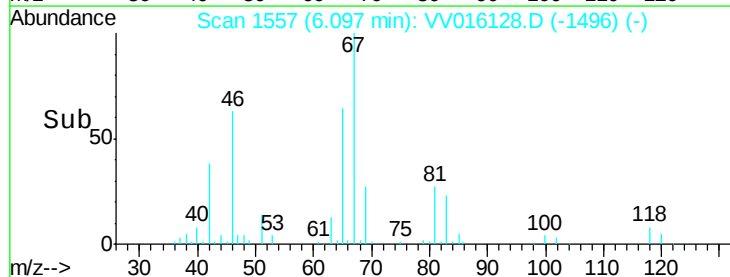
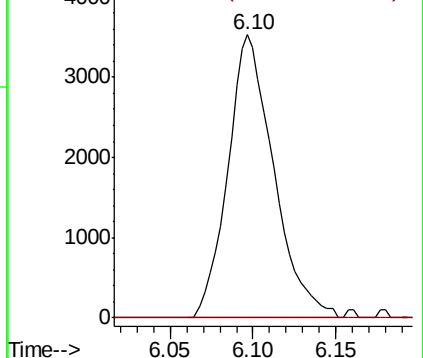


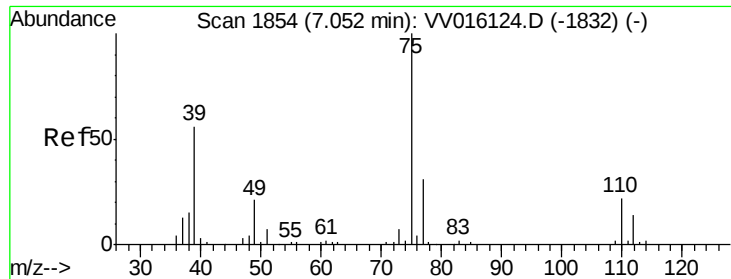
#37
1,2-Dichloropropane
Concen: 0.768 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

Tgt Ion: 63 Resp: 6790
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

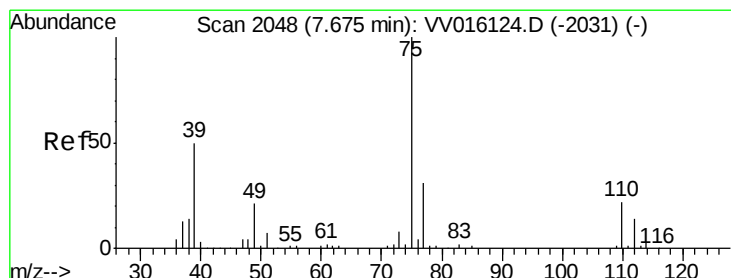
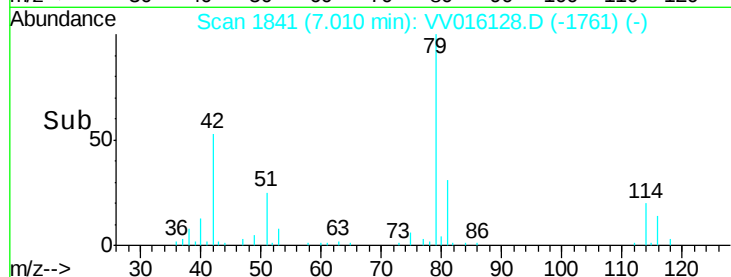
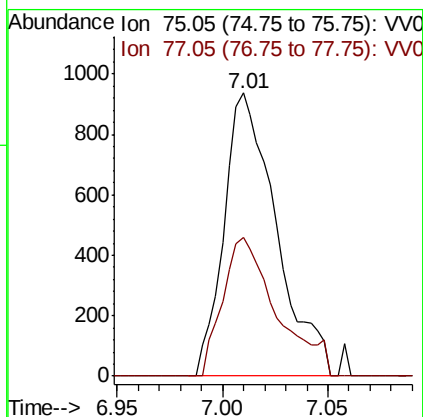
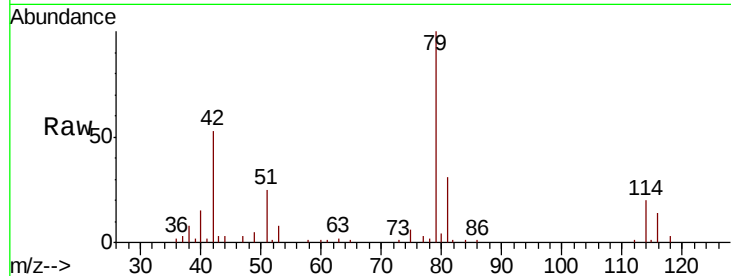




#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016128.D
 Acq: 20 May 2020 13:56

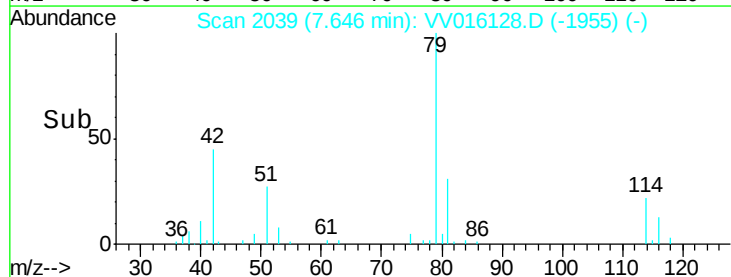
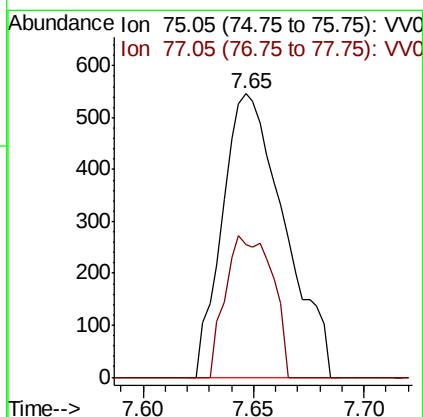
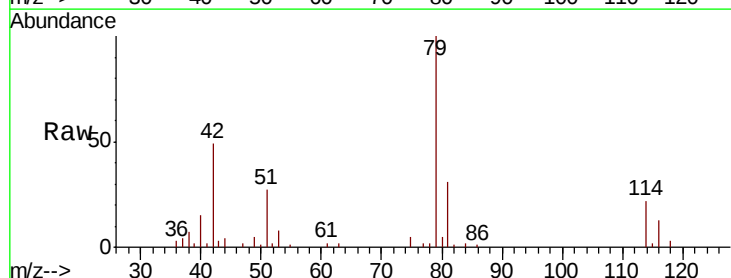
Instrument :
 MSVOA_V
 ClientSampleId :

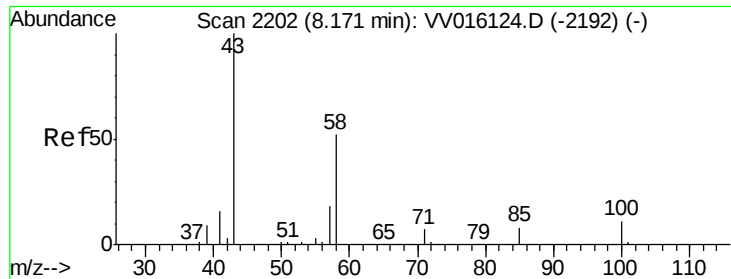
Tot Ion: 75 Resp: 1615
 Ion Ratio Lower Upper
 75 100
 77 49.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016128.D
 Acq: 20 May 2020 13:56

Tgt Ion: 75 Resp: 1060
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.3 39.6#

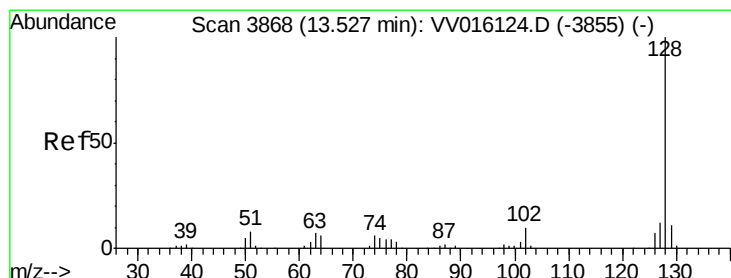
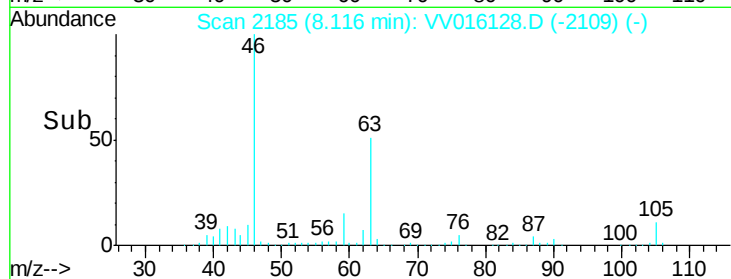
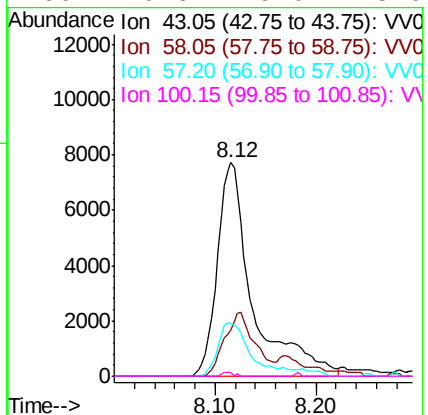
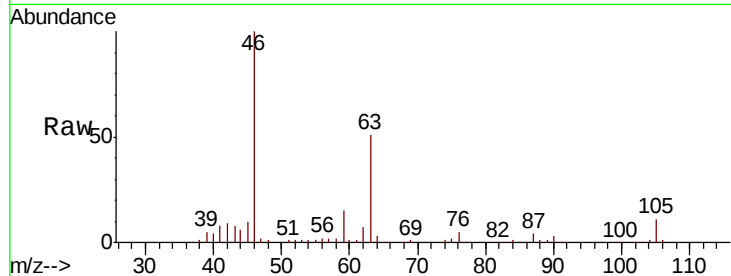




#50
2-Hexanone
Concen: 4.850 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 18895
Ion Ratio Lower Upper
43 100
58 25.3 40.8 61.2#
57 22.0 14.7 22.1
100 0.6 9.0 13.6#



#70
Naphthalene
Concen: 0.497 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016128.D
Acq: 20 May 2020 13:56

Tgt Ion: 128 Resp: 8617
Ion Ratio Lower Upper
128 100
129 11.9 8.5 12.7
127 12.2 10.2 15.2

