

Data File : VV011970.D
Acq On : 23 Jul 2019 17:52
Operator : SY/MD
Sample : K3823-16DL2 1000X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52R6DL2

Quant Time: Jul 24 05:56:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138032	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131312	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65402	5.00	ug/L	0.00

System Monitoring Compounds

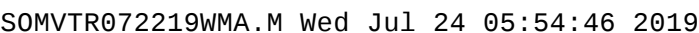
4) Vinyl Chloride-d3	1.32	65	36449	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.59	69	28973	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.13	63	57602	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.97	46	110632	52.76	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.52%
24) Chloroform-d	4.40	84	92586	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.08	65	52856	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.00%
32) Benzene-d6	5.10	84	193194	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.12	67	55345	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.36	98	173799	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	20993	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.14	63	88584	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	37092	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	68493	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

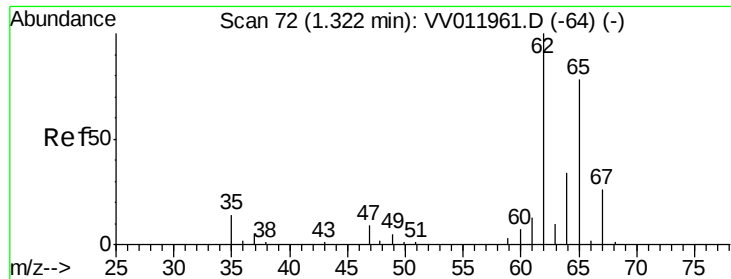
Target Compounds

					Qvalue
5) Vinyl chloride	1.32	62	4492	0.530 ug/L #	79
8) Chloroethane	1.32	64	1835	0.366 ug/L	85
16) Methylene chloride	2.54	84	807	0.115 ug/L	94
18) trans-1,2-Dichloroethene	2.79	96	1338	0.137 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	66674	6.342 ug/L	100
25) Chloroform	4.43	83	8340	0.400 ug/L	93
35) Methylcyclohexane	6.12	83	14799	0.886 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6968	0.750 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1665	0.121 ug/L #	56

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

Quant Time: Jul 24 05:56:55 2019
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 24 05:52:52 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.530 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

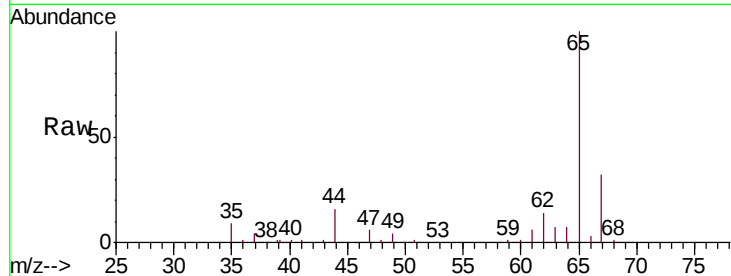
A52R6DL2

Tgt Ion: 62 Resp: 4492

Ion Ratio Lower Upper

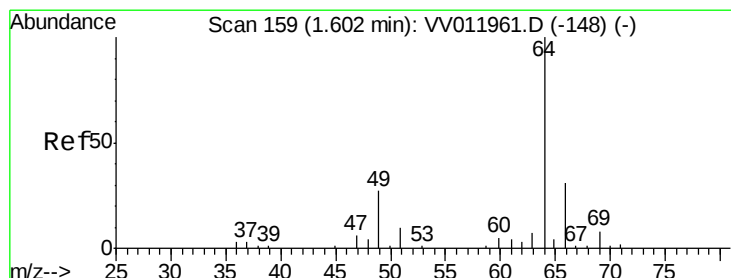
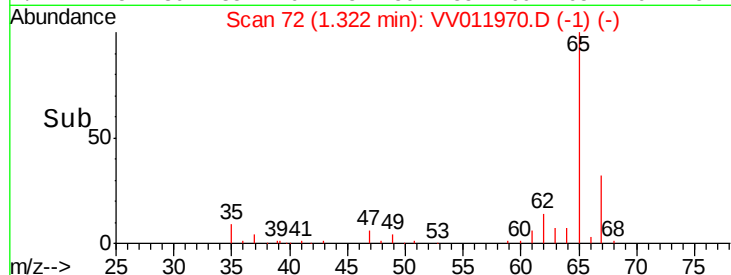
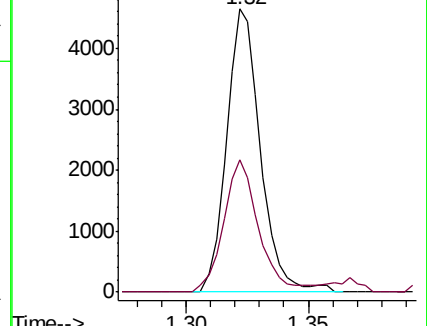
62 100

64 46.6 24.3 45.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#8

Chloroethane

Concen: 0.366 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV011970.D

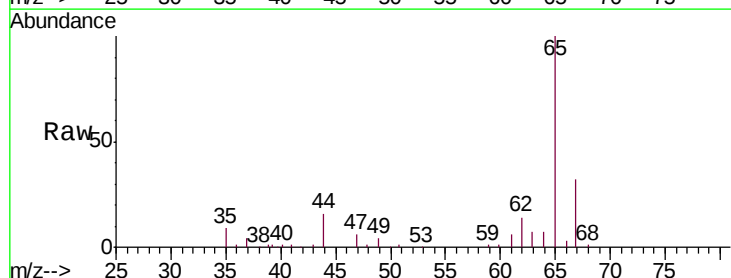
Acq: 23 Jul 2019 17:52

Tgt Ion: 64 Resp: 1835

Ion Ratio Lower Upper

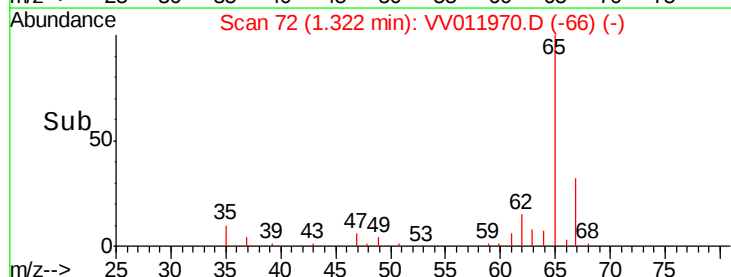
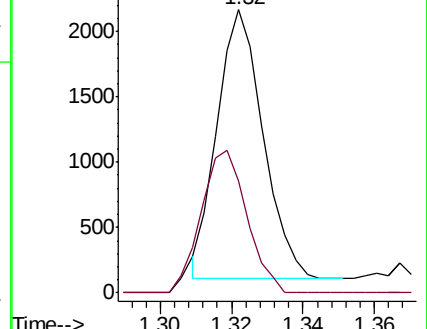
64 100

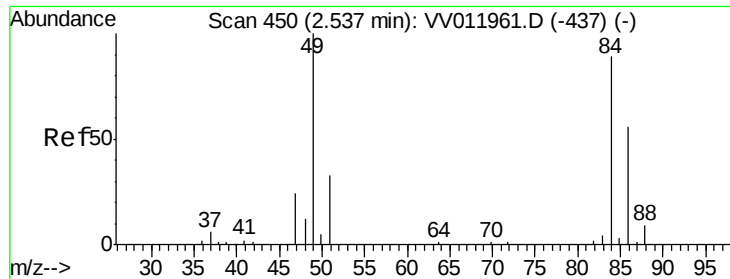
66 39.4 21.8 40.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

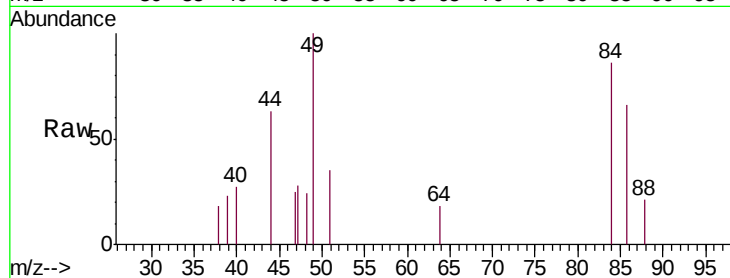




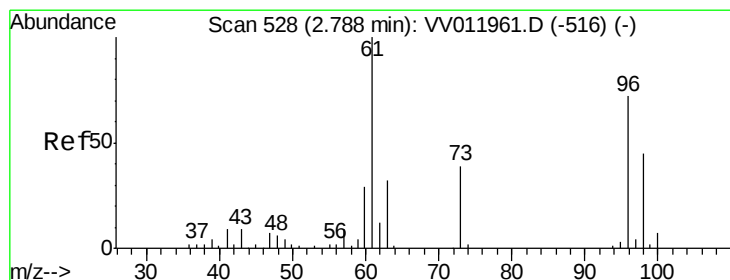
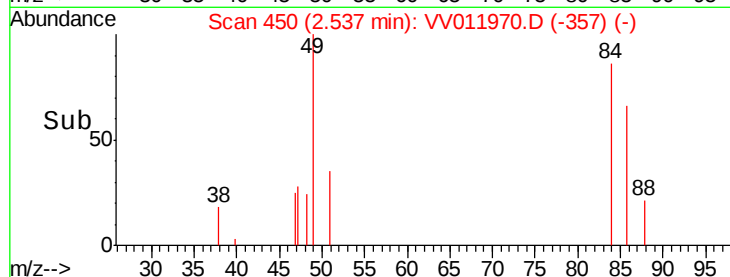
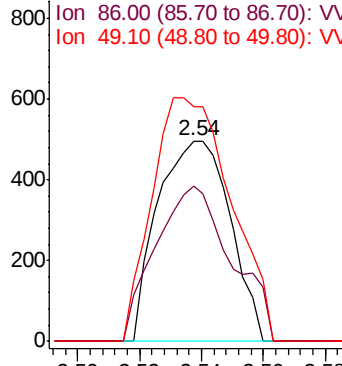
#16
Methylene chloride
Concen: 0.115 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV011970.D
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Instrument :
MSVOA_V
ClientSampleId :
A52R6DL2

Tgt Ion: 84 Resp: 807
Ion Ratio Lower Upper
84 100
86 77.5 47.6 88.4
49 116.7 84.3 156.5

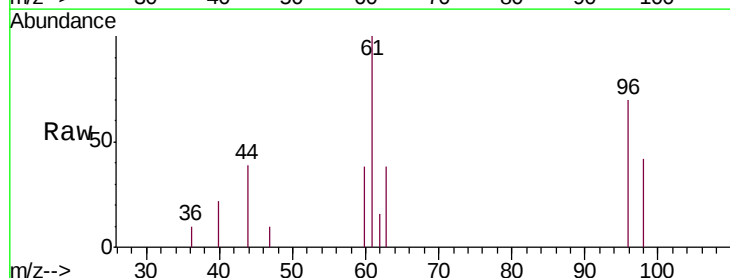


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

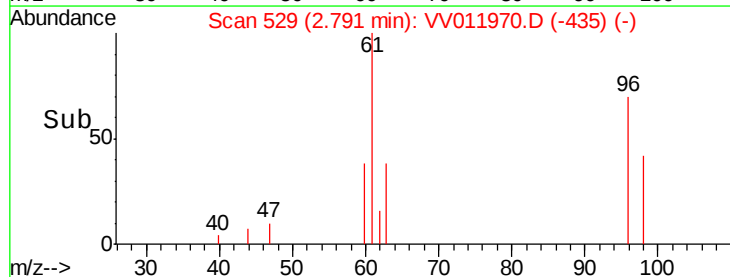
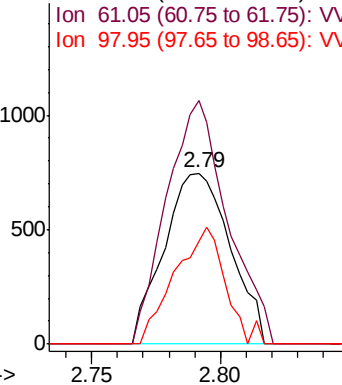


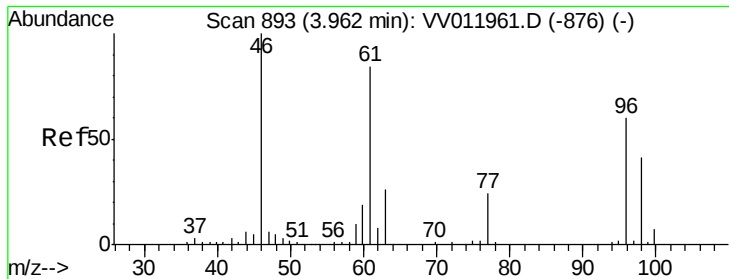
#18
trans-1,2-Dichloroethene
Concen: 0.137 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV011970.D
Acq: 23 Jul 2019 17:52

Tgt Ion: 96 Resp: 1338
Ion Ratio Lower Upper
96 100
61 142.2 95.4 177.2
98 59.9 44.4 82.5



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0



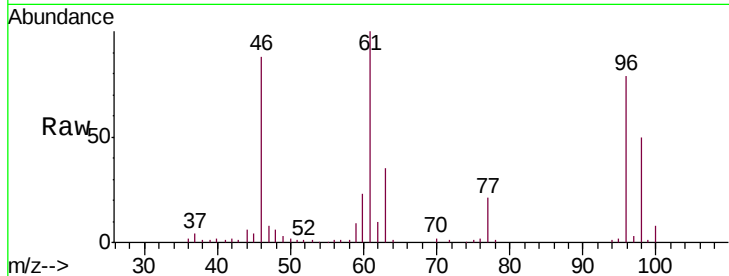


#22

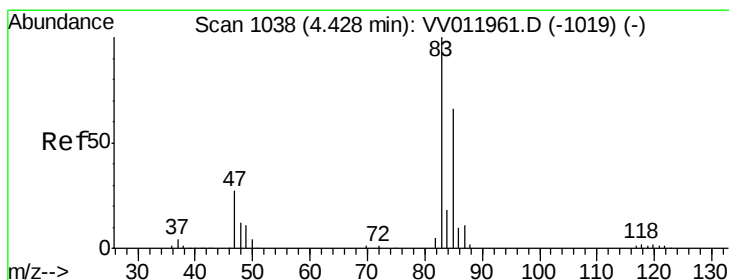
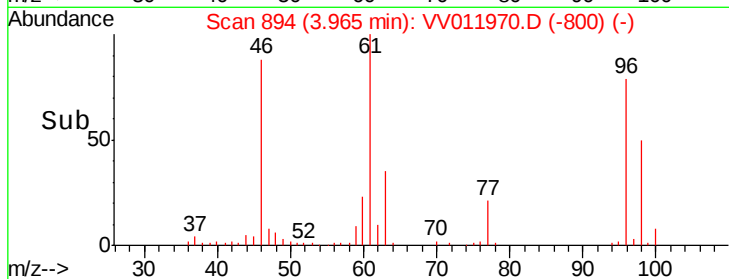
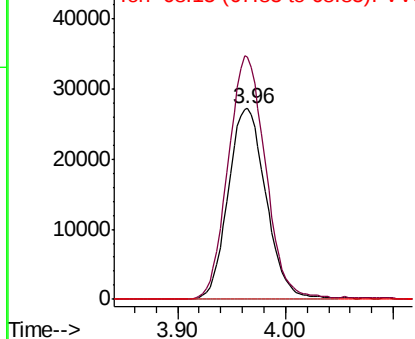
cis-1,2-Dichloroethene
Concen: 6.342 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.00 min
Lab File: VV011970.D
Acq: 23 Jul 2019 17:52

Instrument :
MSVOA_V
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A52R6DL2

Tgt Ion: 96 Resp: 66674
Ion Ratio Lower Upper
96 100
61 126.9 89.0 165.2
68 0.0 0.0 0.0



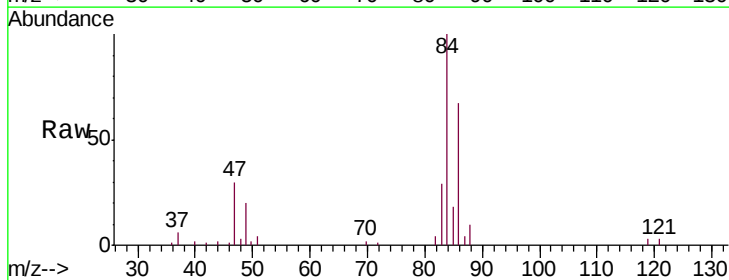
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



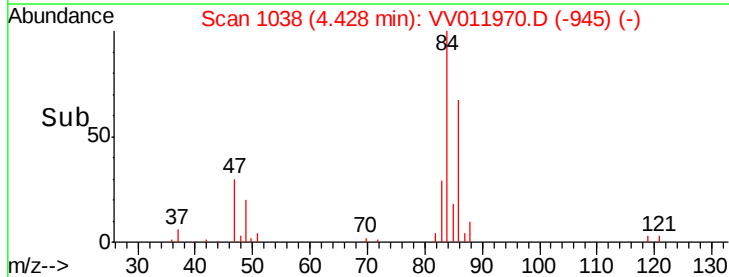
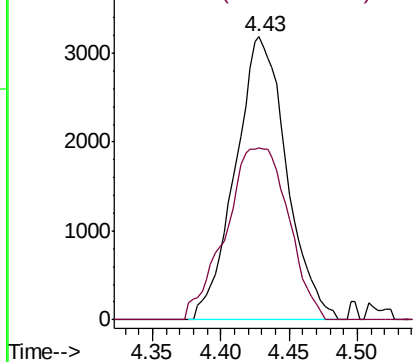
#25

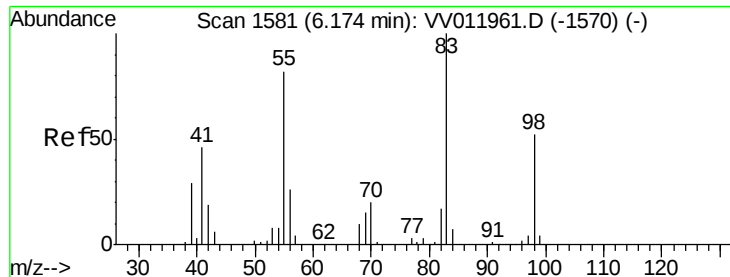
Chloroform
Concen: 0.400 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV011970.D
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Tgt Ion: 83 Resp: 8340
Ion Ratio Lower Upper
83 100
85 60.6 46.5 86.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

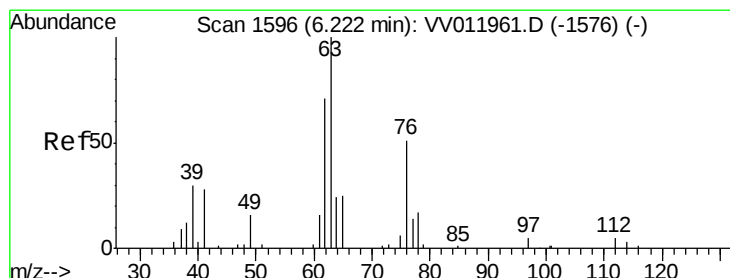
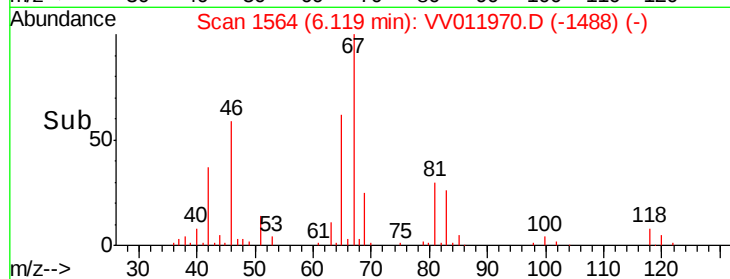
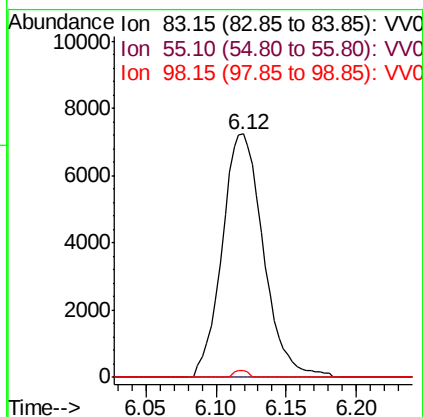
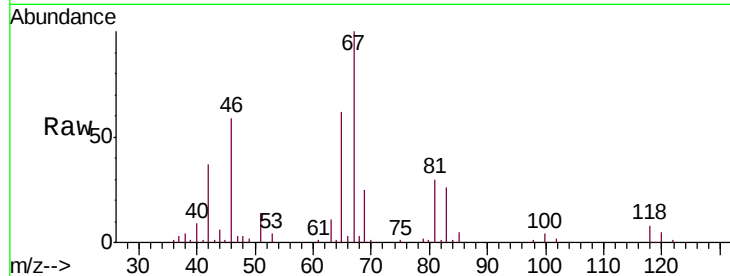




#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011970.D
Acq: 23 Jul 2019 17:52

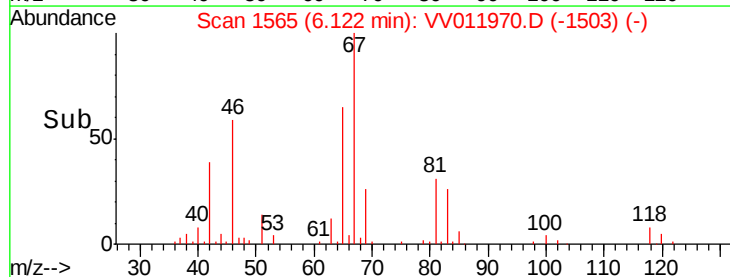
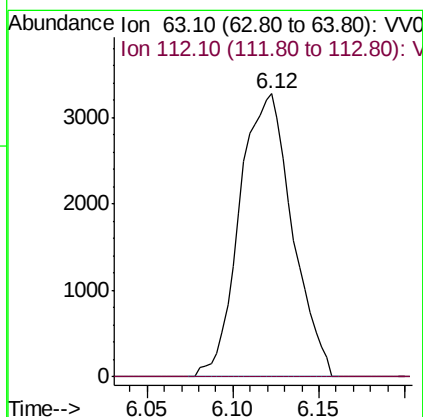
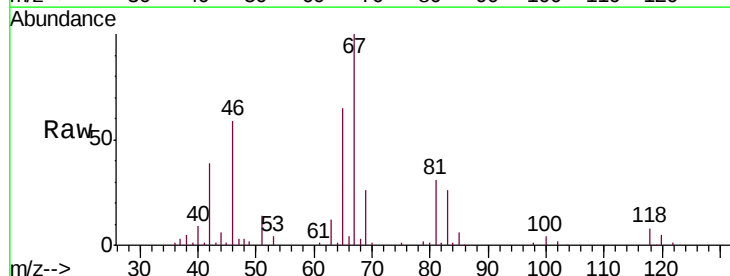
Instrument :
MSVOA_V
ClientSampleId :
A52R6DL2

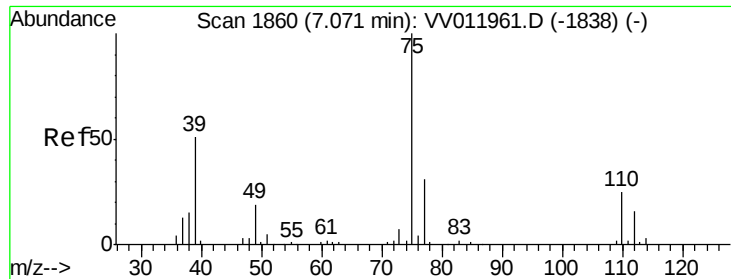
Tgt Ion: 83 Resp: 14799
Ion Ratio Lower Upper
83 100
55 0.1 63.0 94.4#
98 0.9 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV011970.D
Acq: 23 Jul 2019 17:52

Tgt Ion: 63 Resp: 6968
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39
 cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011970.D
 Acq: 23 Jul 2019 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
 A52R6DL2

Tgt Ion: 75 Resp: 1665
 Ion Ratio Lower Upper
 75 100
 77 54.6 21.3 39.6#

