

Data File : VV012015.D
Acq On : 24 Jul 2019 16:53
Operator : SY/MD
Sample : K3958-16
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A35

Quant Time: Jul 25 04:17:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 25 04:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	134847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	131370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29851	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.58	69	25250	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	48591	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.96	46	104151	50.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.68%
24) Chloroform-d	4.40	84	84911	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	49109	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.10	84	172620	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	50227	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	153532	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	18941	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.14	63	83286	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36896	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	65058	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

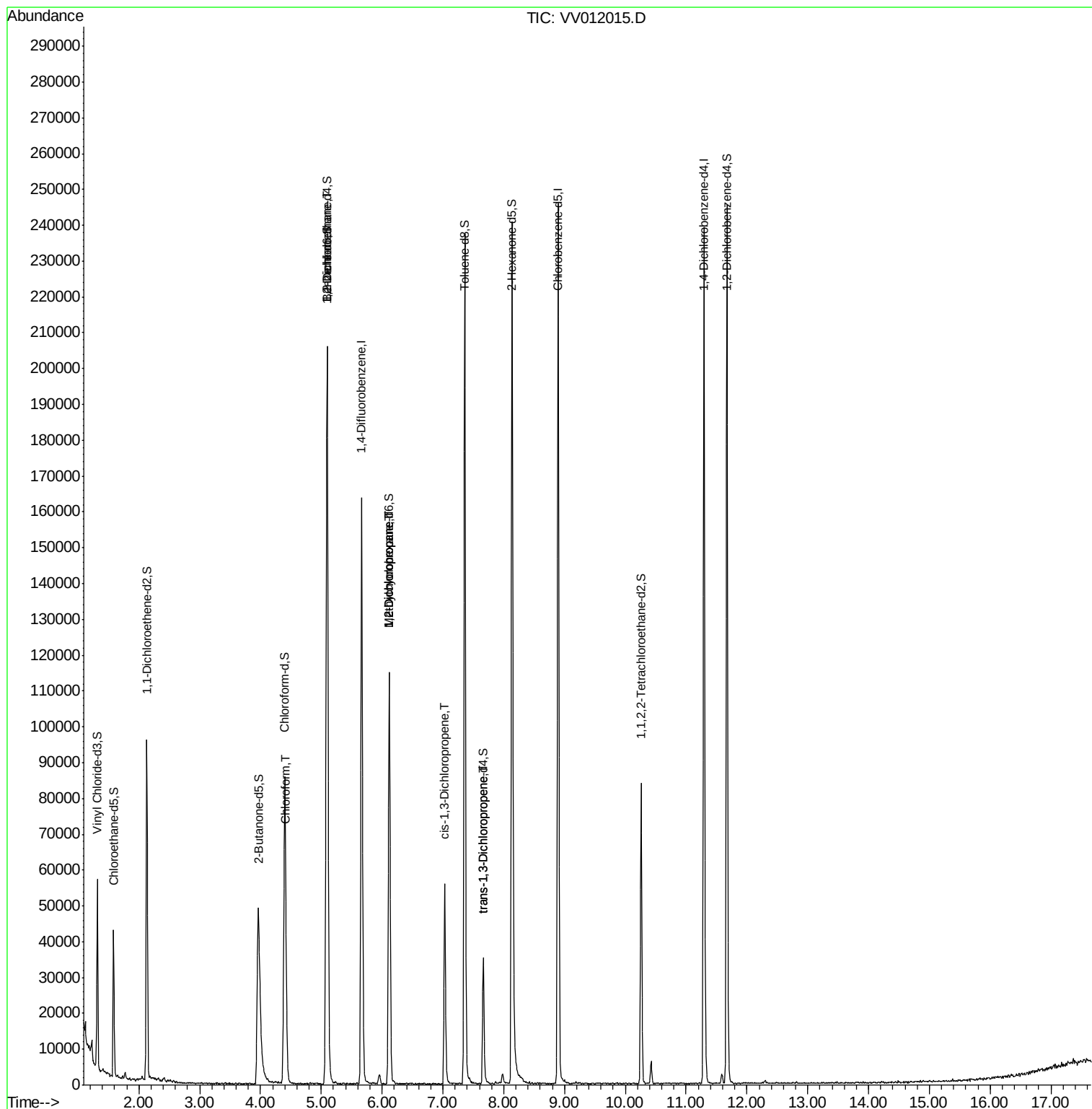
					Qvalue
25) Chloroform	4.42	83	5643	0.277 ug/L	99
27) 1,2-Dichloroethane	5.10	62	1269	0.112 ug/L #	76
35) Methylcyclohexane	6.12	83	13634	0.816 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6817	0.734 ug/L #	84
39) cis-1,3-Dichloropropene	7.04	75	1532	0.111 ug/L #	70
44) trans-1,3-Dichloropropene	7.67	75	900	0.082 ug/L	89

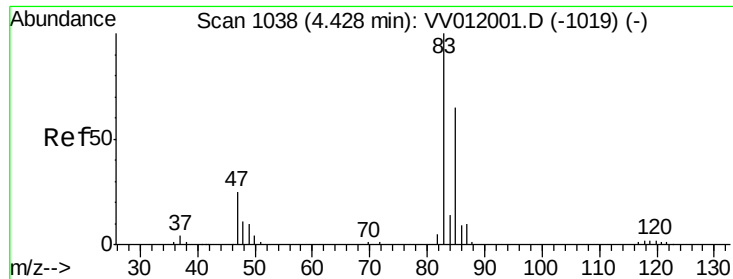
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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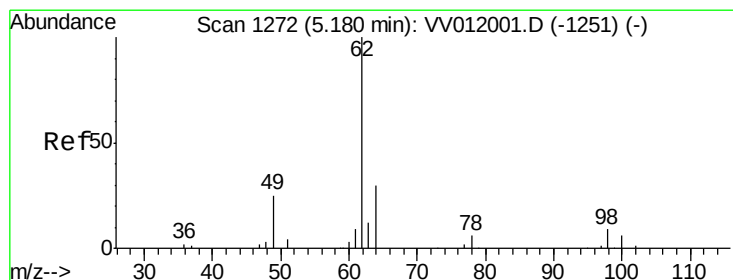
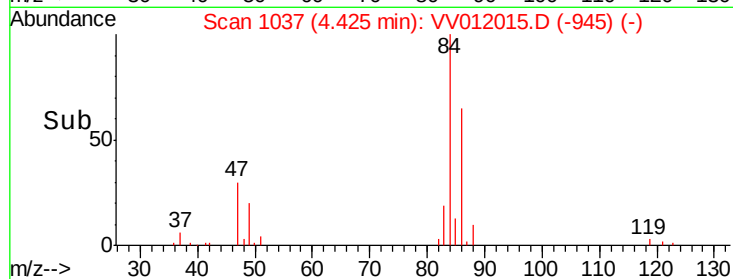
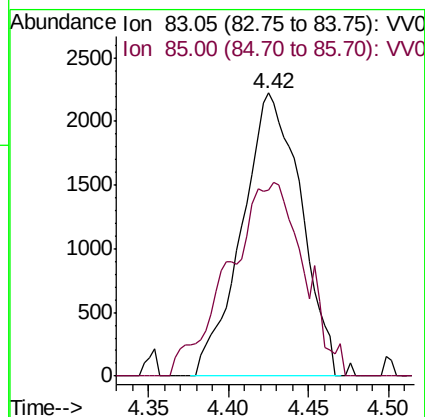
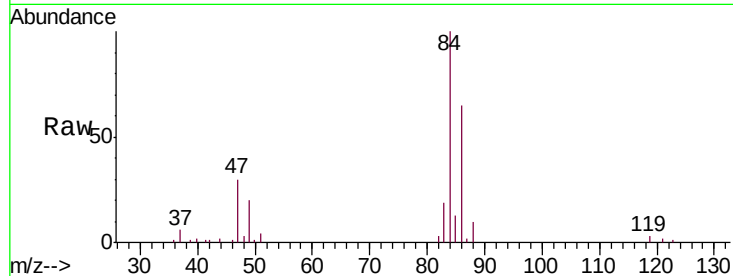




#25
Chloroform
Concen: 0.277 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012015.D
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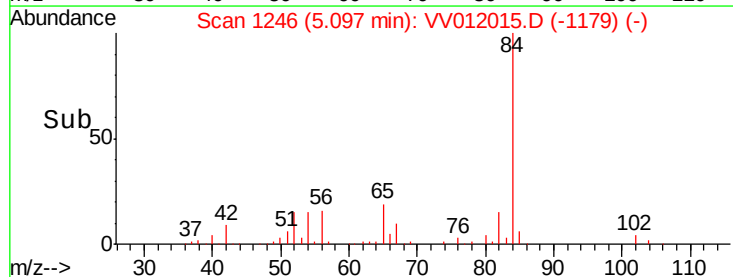
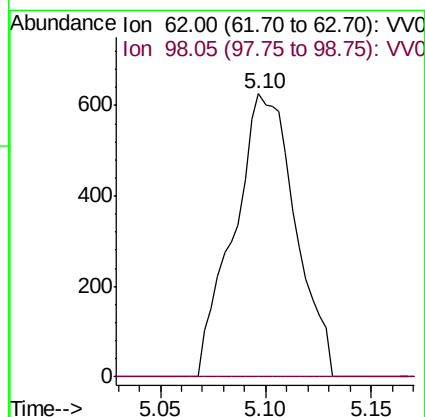
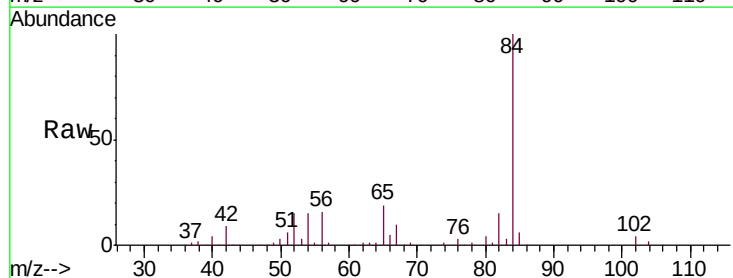
Instrument :
MSVOA_V
ClientSampled :
F2A35

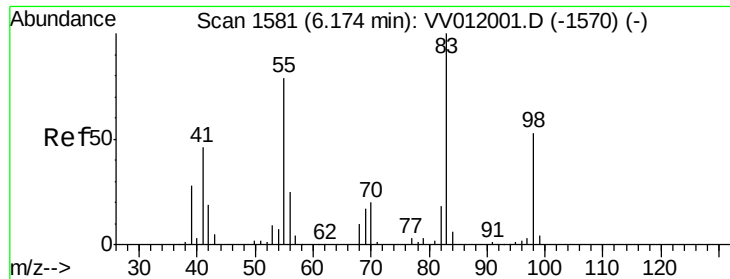
Tgt Ion: 83 Resp: 5643
Ion Ratio Lower Upper
83 100
85 65.9 46.5 86.3



#27
1,2-Dichloroethane
Concen: 0.112 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV012015.D
Acq: 24 Jul 2019 16:53

Tgt Ion: 62 Resp: 1269
Ion Ratio Lower Upper
62 100
98 0.0 7.0 10.6#

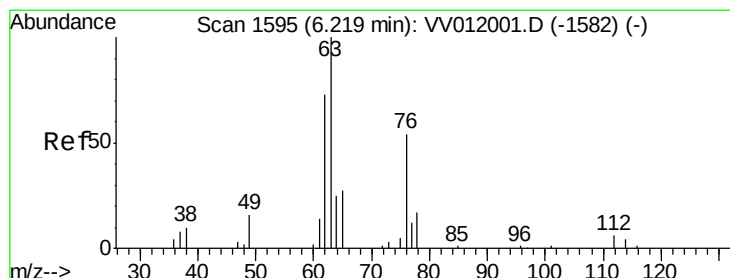
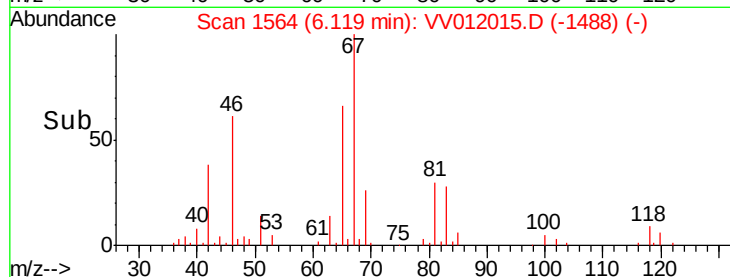
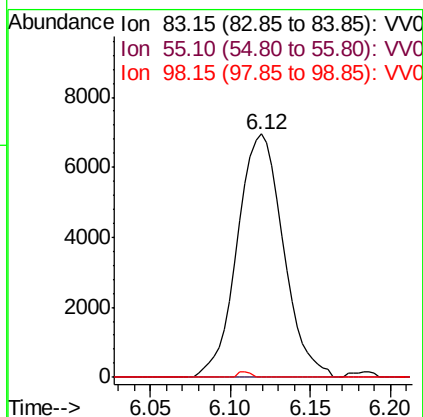
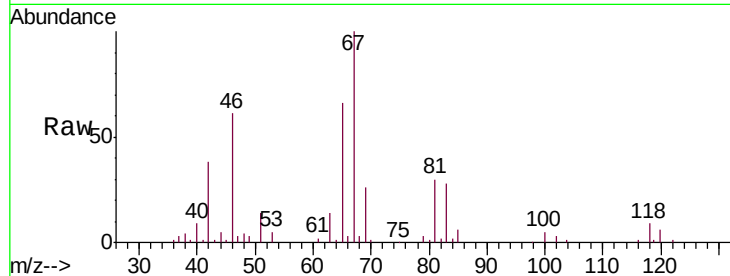




#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012015.D
Acq: 24 Jul 2019 16:53

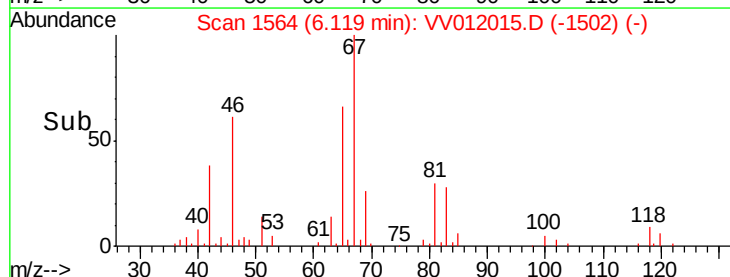
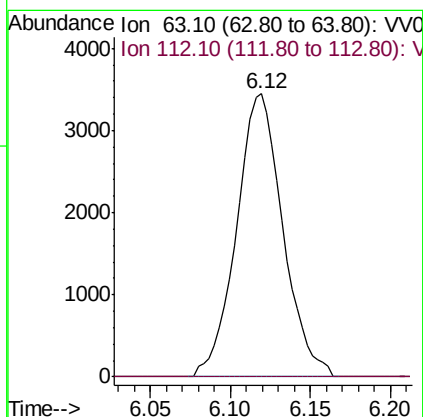
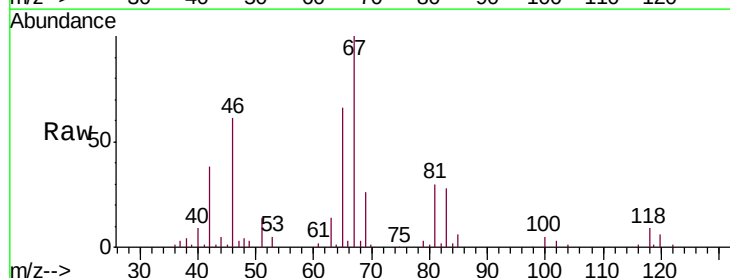
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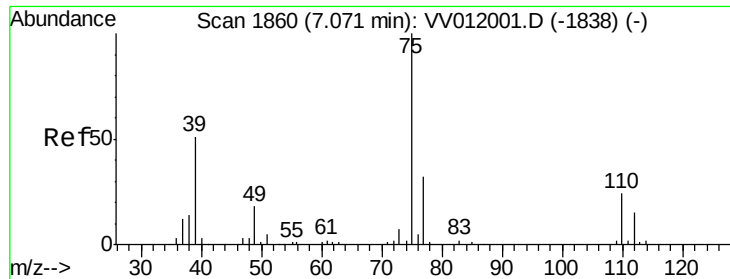
Tgt Ion: 83 Resp: 13634
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.6 41.4 62.0#



#37
1,2-Dichloropropane
Concen: 0.734 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012015.D
Acq: 24 Jul 2019 16:53

Tgt Ion: 63 Resp: 6817
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#

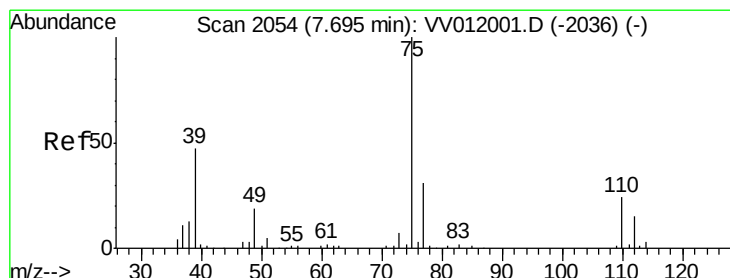
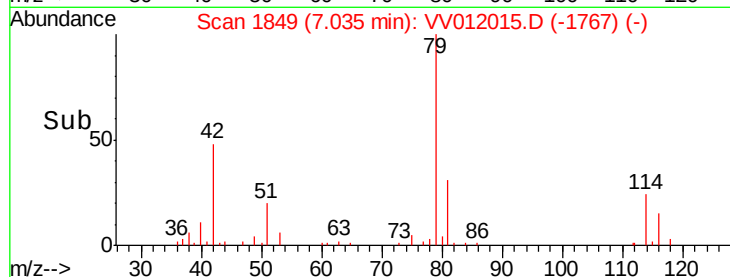
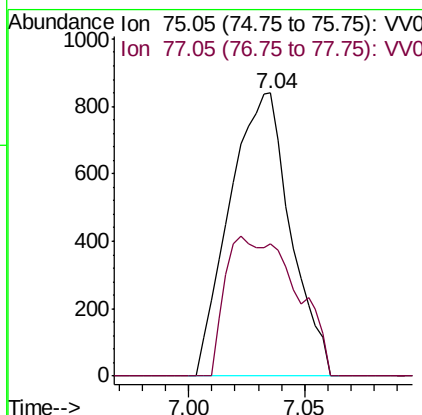
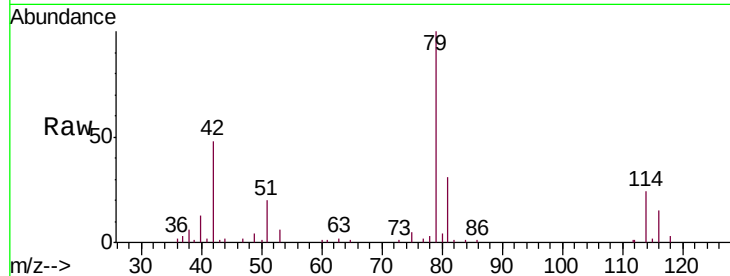




#39
 cis-1,3-Dichloropropene
 Concen: 0.111 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV012015.D
 Acq: 24 Jul 2019 16:53

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A35

Tgt Ion: 75 Resp: 1532
 Ion Ratio Lower Upper
 75 100
 77 46.7 21.3 39.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV012015.D
 Acq: 24 Jul 2019 16:53

Tgt Ion: 75 Resp: 900
 Ion Ratio Lower Upper
 75 100
 77 37.5 22.0 40.8

