

Data File : VV010495.D
Acq On : 25 Apr 2019 14:46
Operator : SY/MD
Sample : K2477-22
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Apr 26 05:11:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 26 05:08:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	219314	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	234608	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106762	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53385	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.58	69	42764	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	82618	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.95	46	146299	53.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.94%
24) Chloroform-d	4.40	84	114189	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.08	65	68871	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.09	84	266130	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	79220	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.36	98	231517	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.66	79	26274	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	113519	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60031	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	100775	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

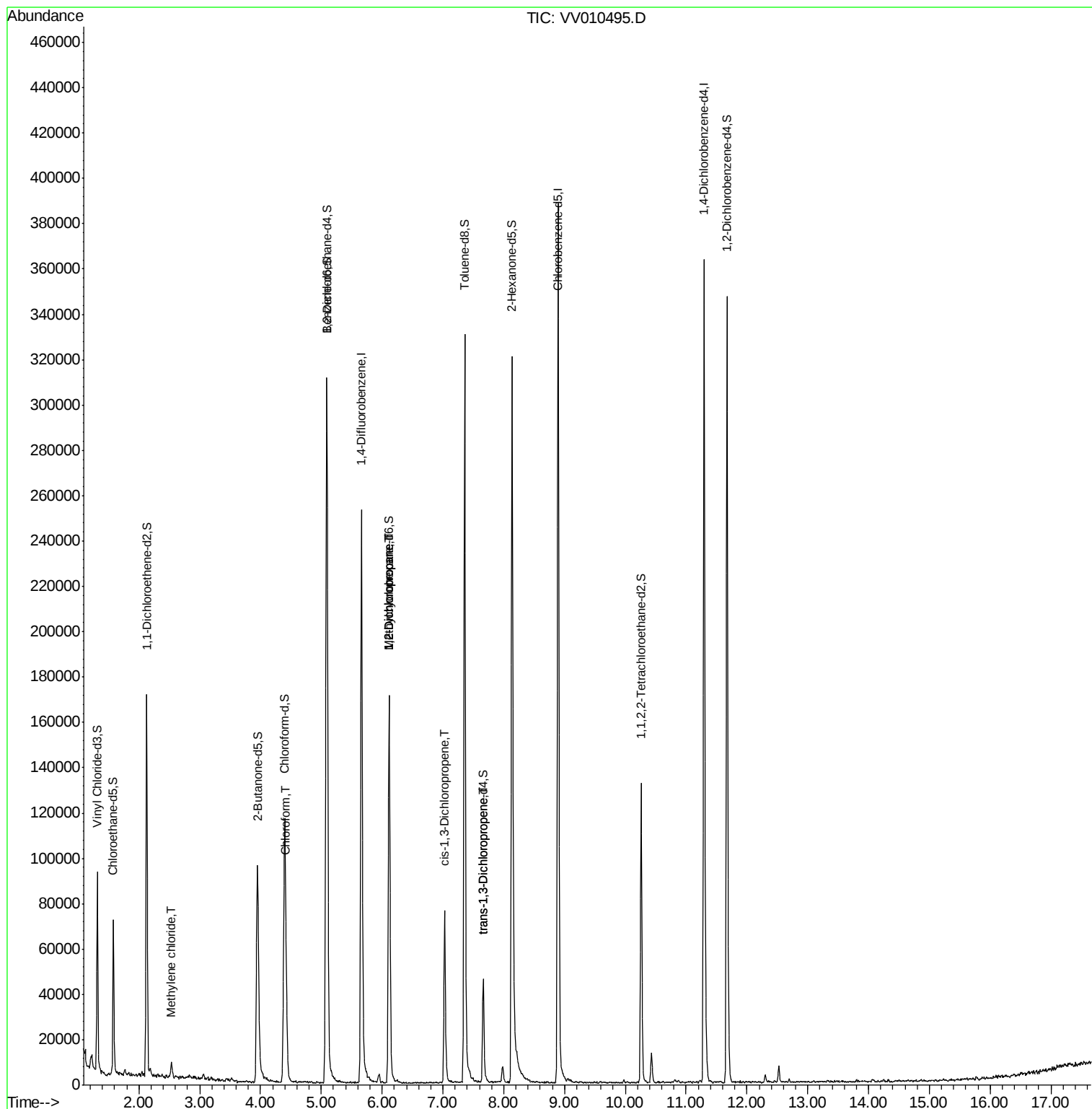
						Qvalue
16) Methylene chloride	2.53	84	2784	0.193	ug/L	95
25) Chloroform	4.42	83	26211	0.968	ug/L	99
35) Methylcyclohexane	6.12	83	20501	0.789	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	8702	0.598	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2688	0.125	ug/L	83
44) trans-1,3-Dichloropropene	7.66	75	1474	0.088	ug/L	83

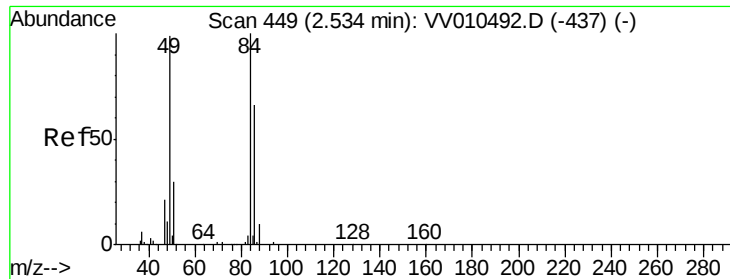
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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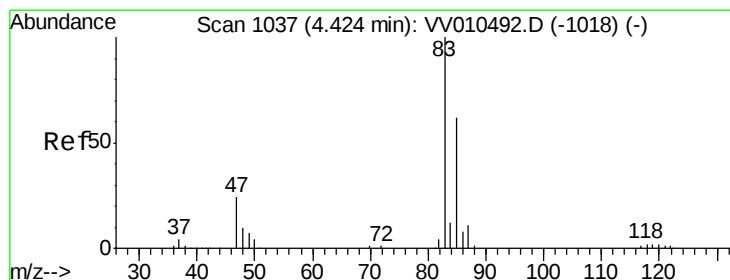
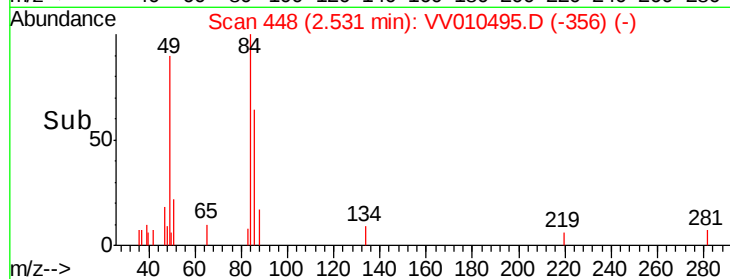
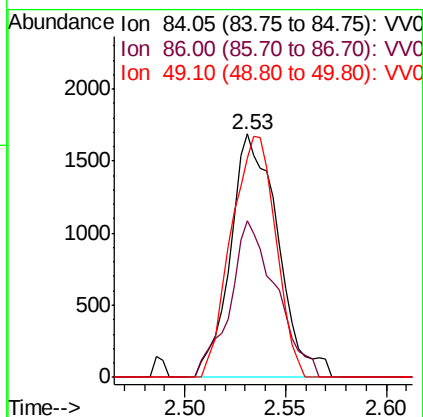
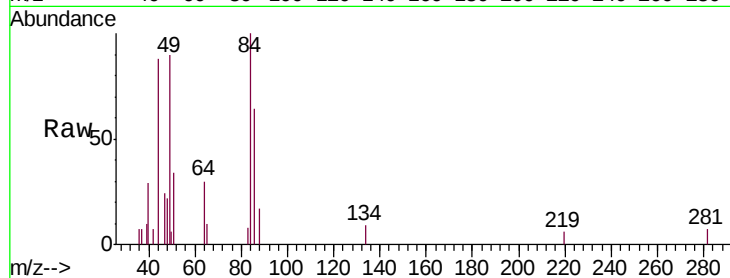




#16
Methylene chloride
Concen: 0.193 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010495.D
Acq: 25 Apr 2019 14:46

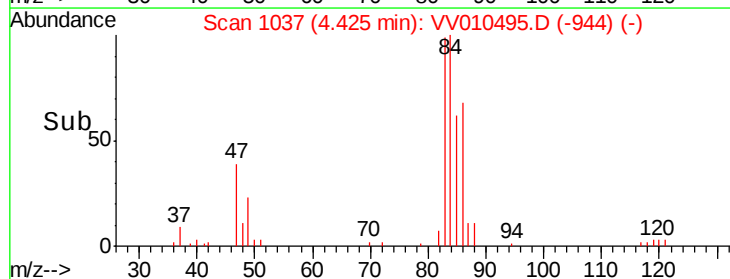
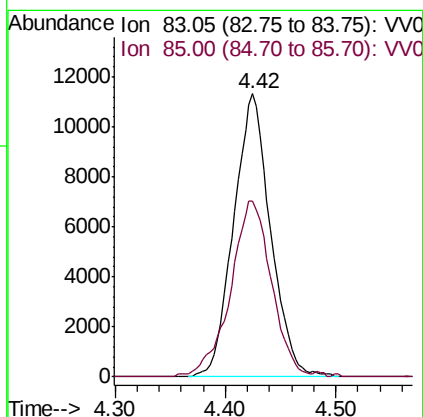
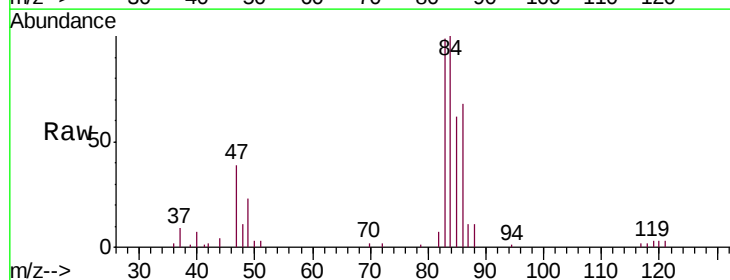
Instrument :
MSVOA_V
ClientSampled :
VHBLK02

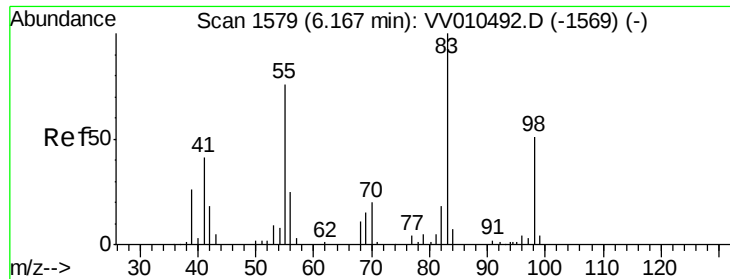
Tgt Ion: 84 Resp: 2784
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 96.2 72.7 135.1



#25
Chloroform
Concen: 0.968 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV010495.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 83 Resp: 26211
Ion Ratio Lower Upper
83 100
85 62.2 44.3 82.3

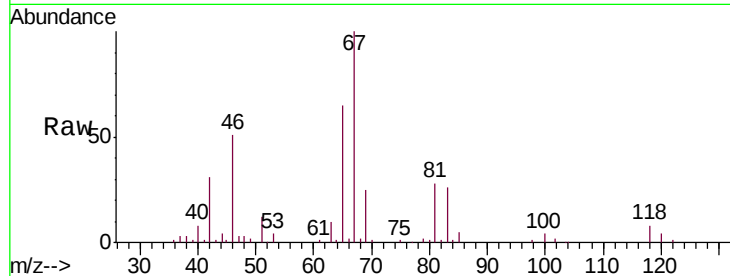




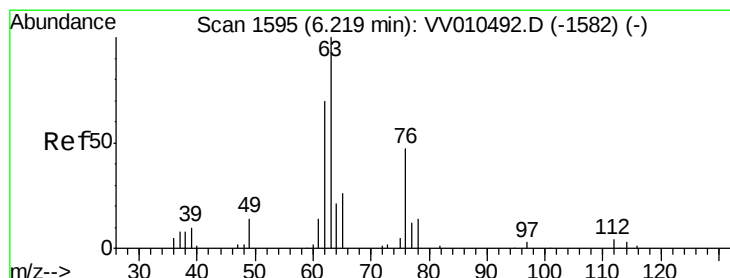
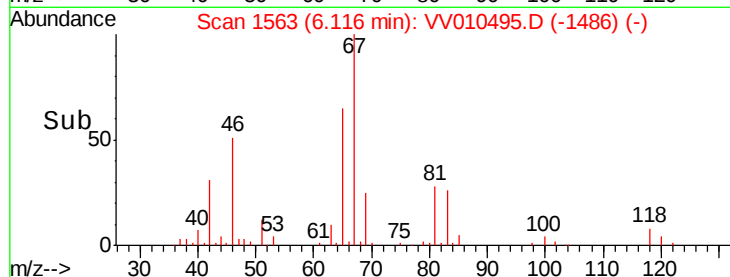
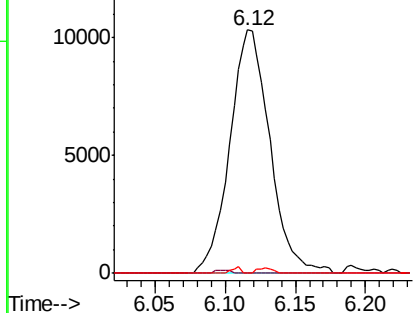
#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV010495.D
Acq: 25 Apr 2019 14:46

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 83 Resp: 20501
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.5 38.8 58.2#

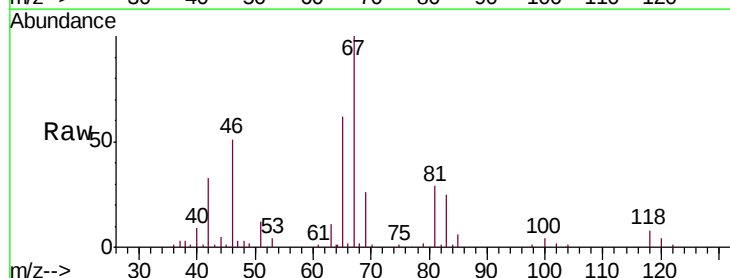


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

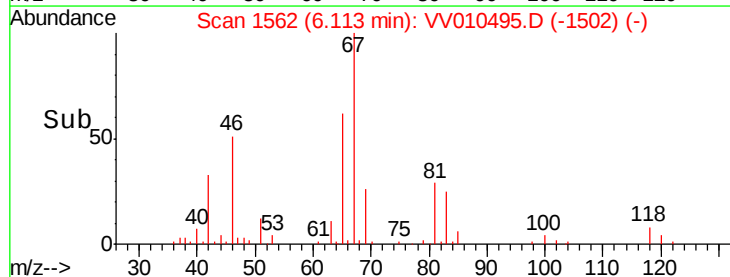
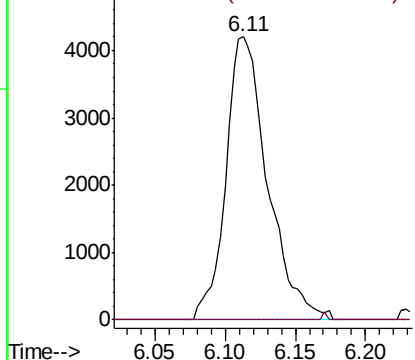


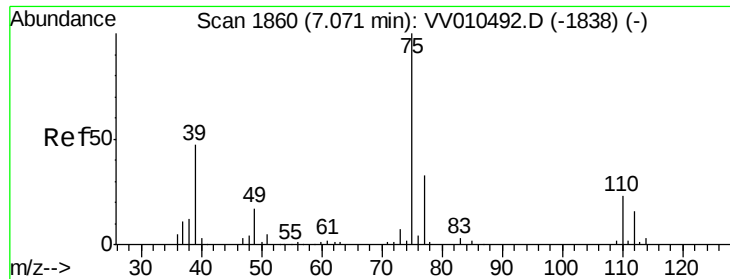
#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010495.D
Acq: 25 Apr 2019 14:46

Tgt Ion: 63 Resp: 8702
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

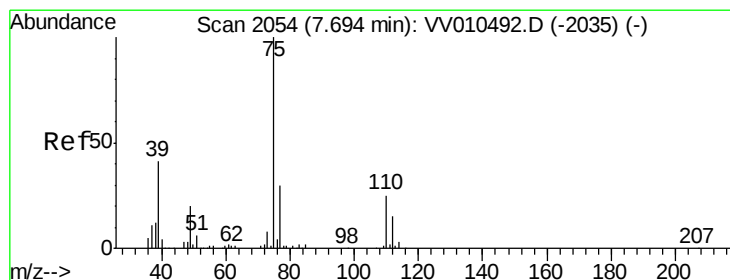
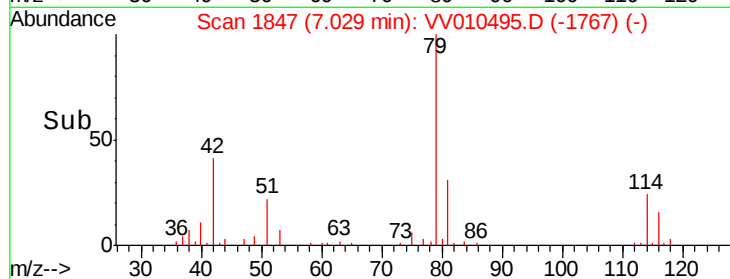
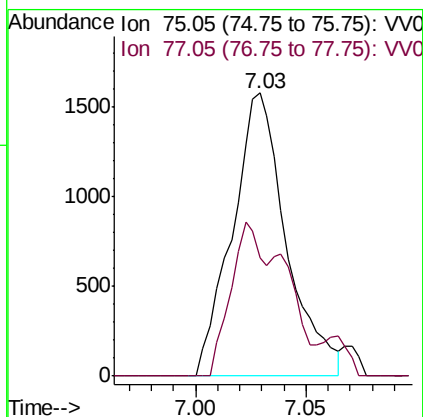
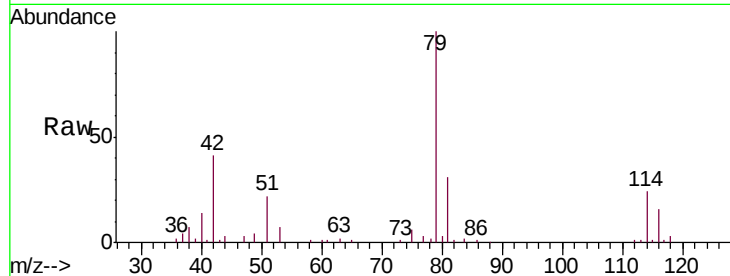




#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010495.D
 Acq: 25 Apr 2019 14:46

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Tgt Ion: 75 Resp: 2688
 Ion Ratio Lower Upper
 75 100
 77 41.7 22.5 41.7



#44
 trans-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.66 min Scan# 2042
 Delta R.T. -0.04 min
 Lab File: VV010495.D
 Acq: 25 Apr 2019 14:46

Tgt Ion: 75 Resp: 1474
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.1 41.1

