

Data File : VV012038.D
Acq On : 25 Jul 2019 19:47
Operator : SY/MD
Sample : K4004-01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A27

Quant Time: Jul 26 02:40:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 26 02:35:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	128254	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	123457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26743	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.59	69	24057	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	42593	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.96	46	105738	54.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.40	84	80163	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	48079	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.10	84	163156	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	48971	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	143928	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	18547	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.14	63	85873	53.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35270	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	60472	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

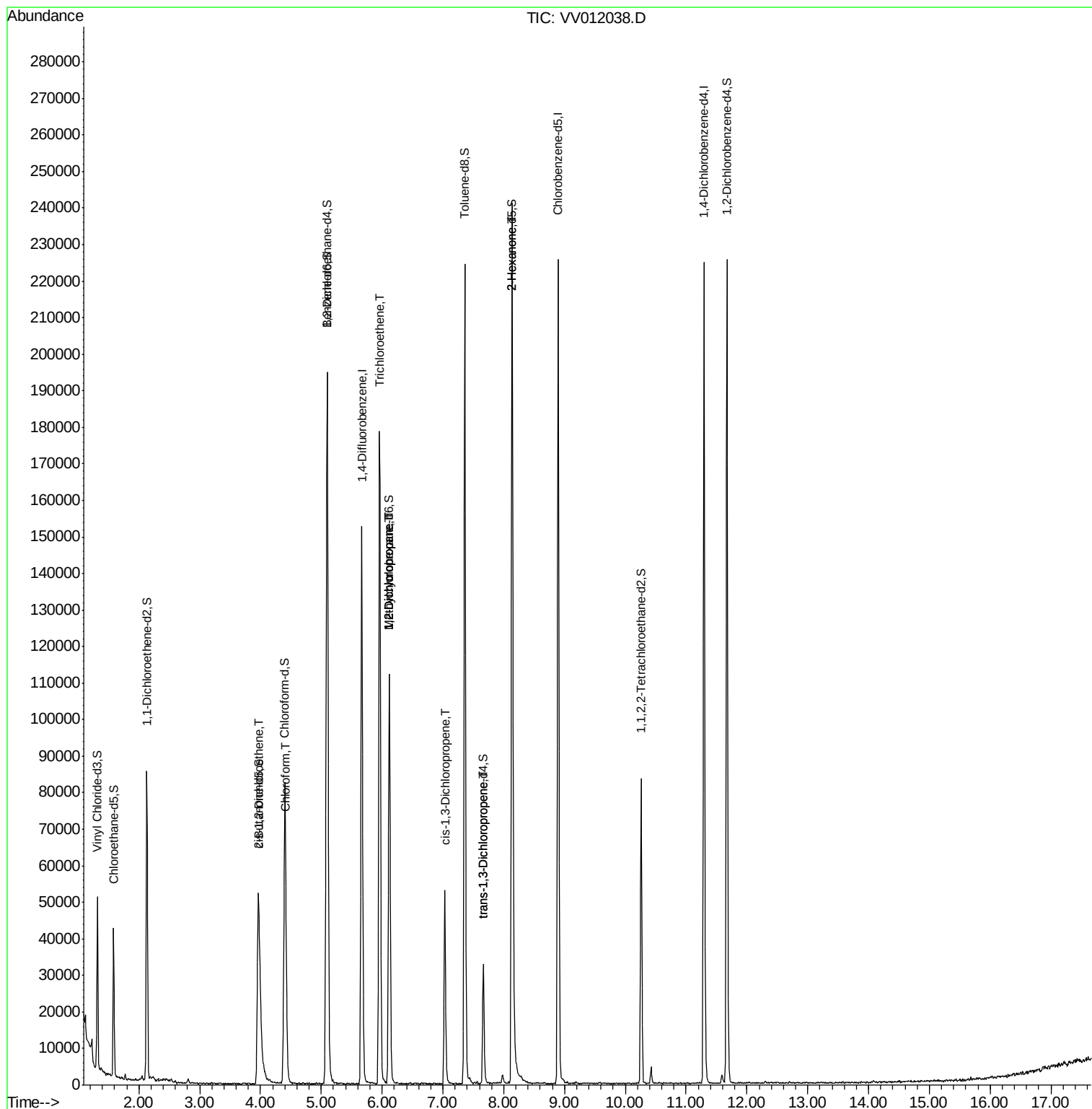
					Qvalue
22) cis-1,2-Dichloroethene	3.96	96	2857	0.292 ug/L	89
25) Chloroform	4.42	83	6491	0.335 ug/L	94
34) Trichloroethene	5.96	95	59460	5.896 ug/L	99
35) Methylcyclohexane	6.12	83	12913	0.823 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6181	0.708 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1409	0.109 ug/L #	62
44) trans-1,3-Dichloropropene	7.67	75	1056	0.103 ug/L	91
48) 2-Hexanone	8.14	43	11632	3.399 ug/L #	70

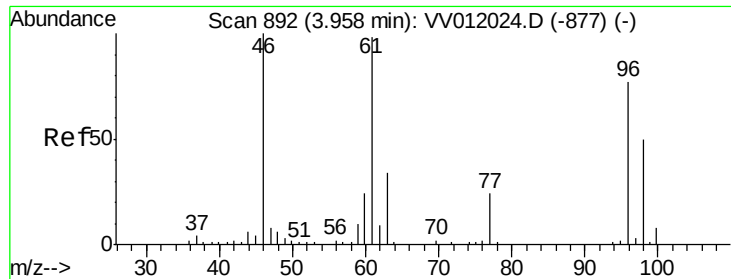
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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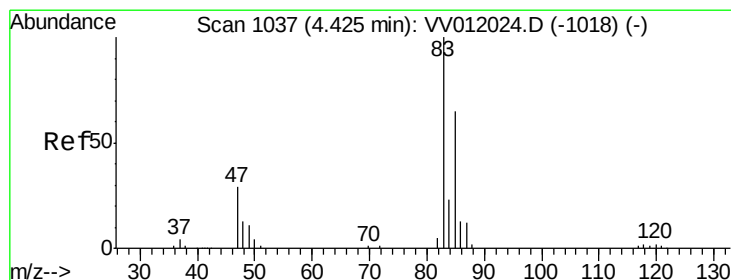
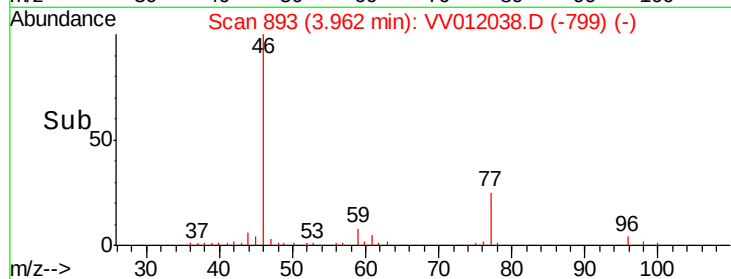
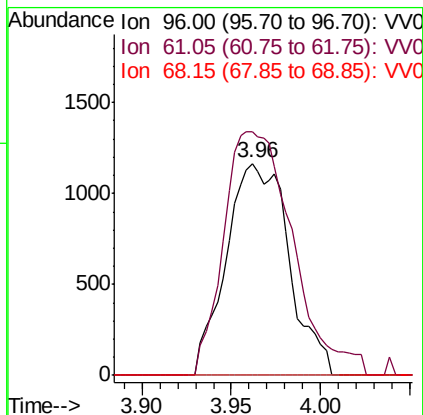
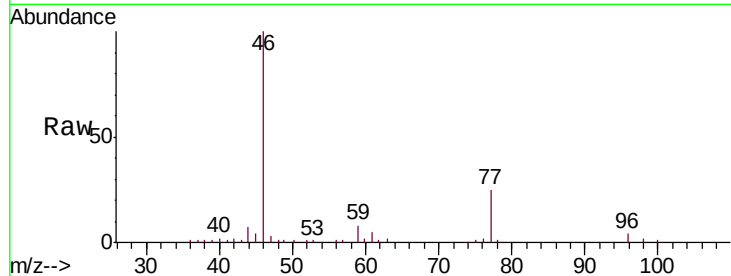


#22

cis-1,2-Dichloroethene
 Concen: 0.292 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: VV012038.D
 Acq: 25 Jul 2019 19:47

Instrument :
 MSVOA_V
 ClientSampleId :
 F2A27

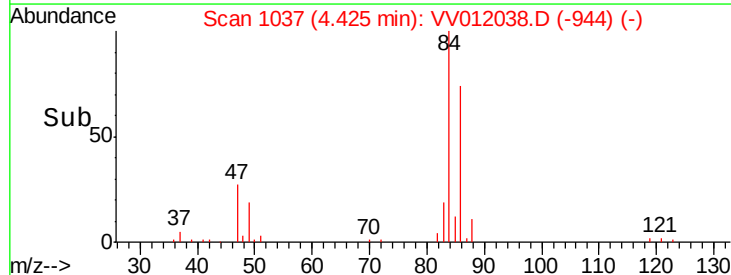
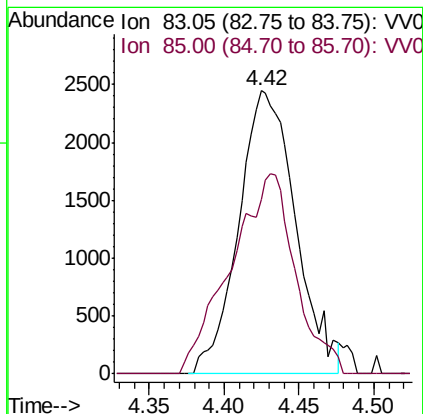
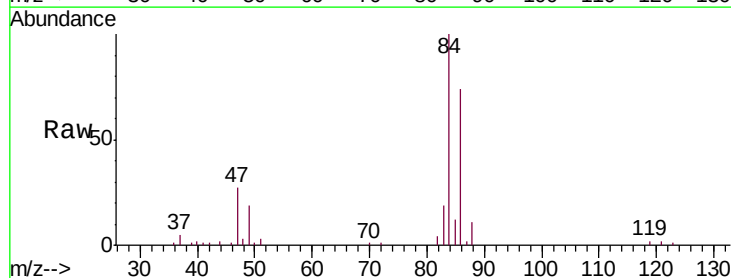
Tgt Ion: 96 Resp: 2857
 Ion Ratio Lower Upper
 96 100
 61 114.8 89.0 165.2
 68 0.0 0.0 0.0

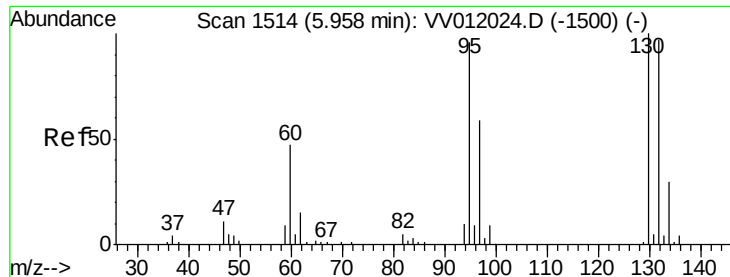


#25

Chloroform
 Concen: 0.335 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV012038.D
 Acq: 25 Jul 2019 19:47

Tgt Ion: 83 Resp: 6491
 Ion Ratio Lower Upper
 83 100
 85 61.5 46.5 86.3





#34

Trichloroethene

Concen: 5.896 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV012038.D

Acq: 25 Jul 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

F2A27

Tgt Ion: 95 Resp: 59460

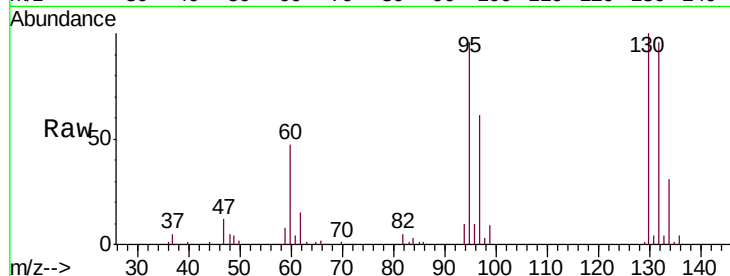
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.6

132 99.7 71.3 132.3

130 103.9 72.8 135.2

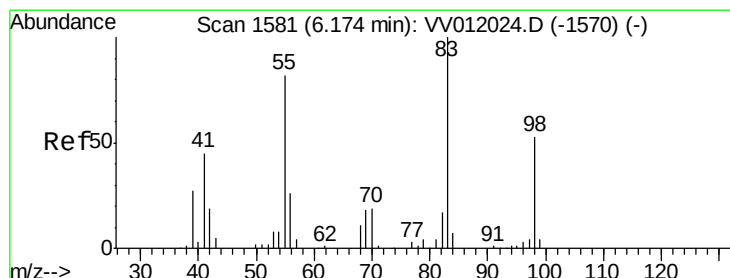
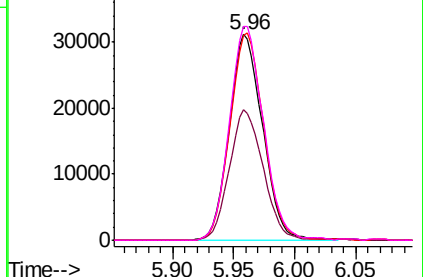
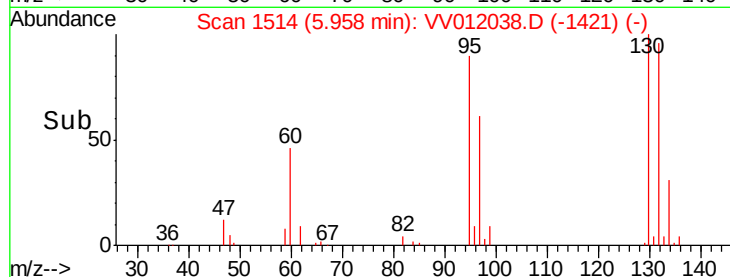


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.05 min

Lab File: VV012038.D

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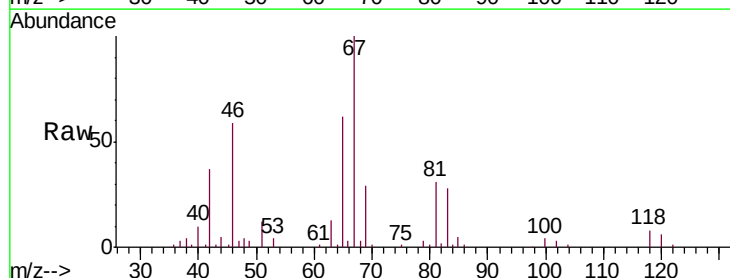
Tgt Ion: 83 Resp: 12913

Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.4#

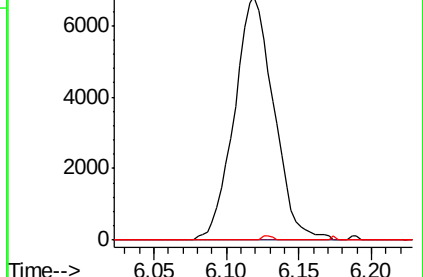
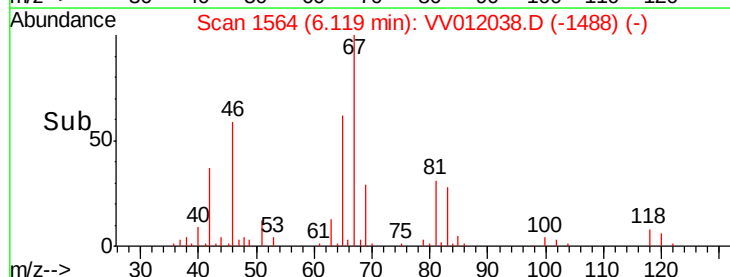
98 0.8 41.4 62.0#

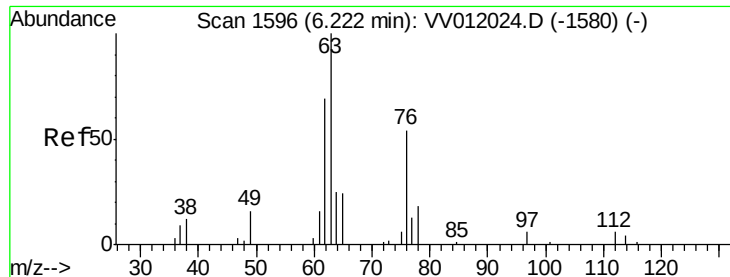


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

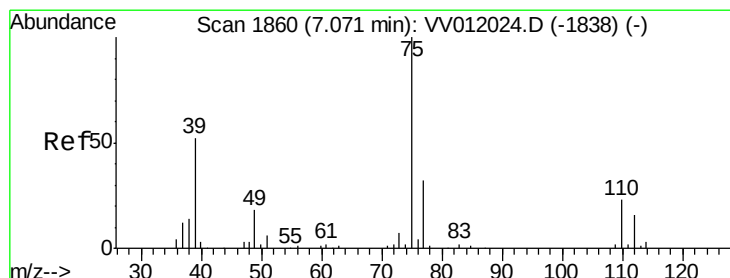
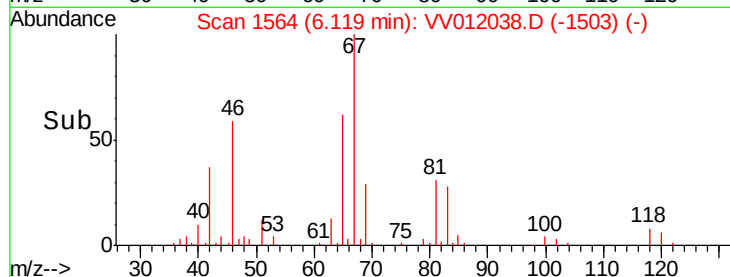
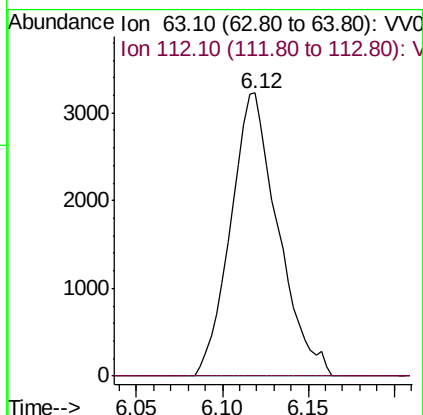
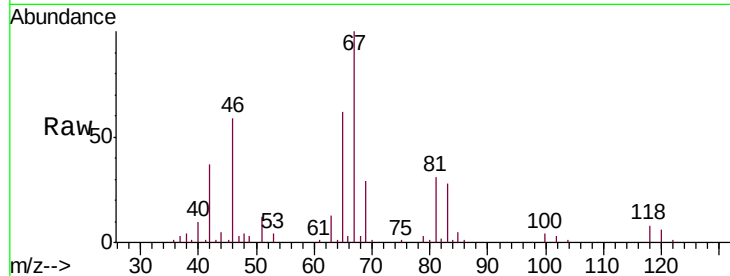




#37
 1,2-Dichloropropane
 Concen: 0.708 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012038.D
 Acq: 25 Jul 2019 19:47

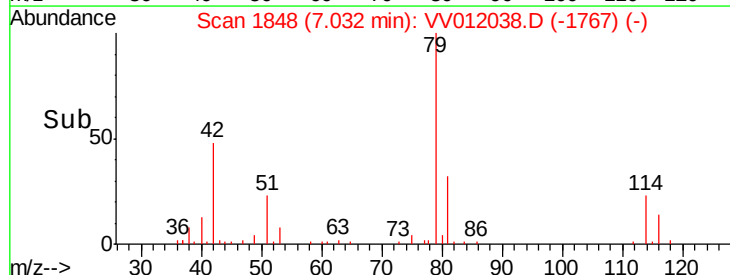
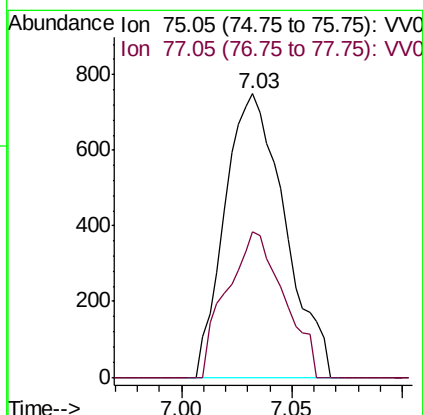
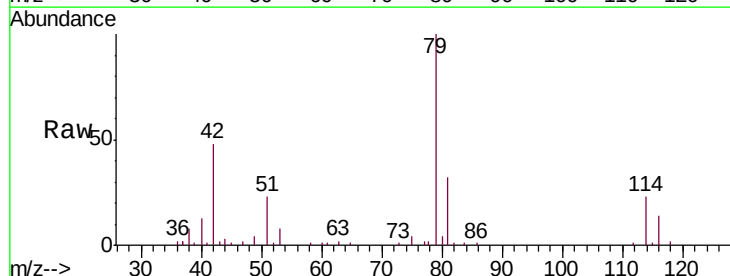
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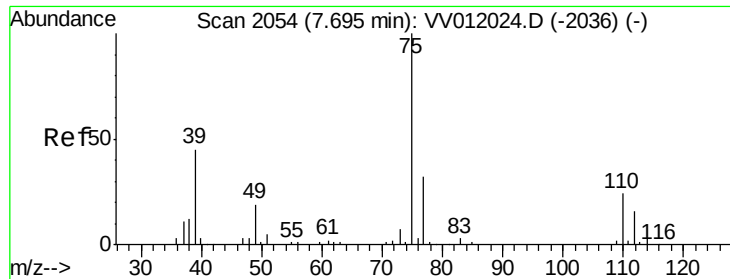
Tgt Ion: 63 Resp: 6181
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV012038.D
 Acq: 25 Jul 2019 19:47

Tgt Ion: 75 Resp: 1409
 Ion Ratio Lower Upper
 75 100
 77 51.4 21.3 39.6#

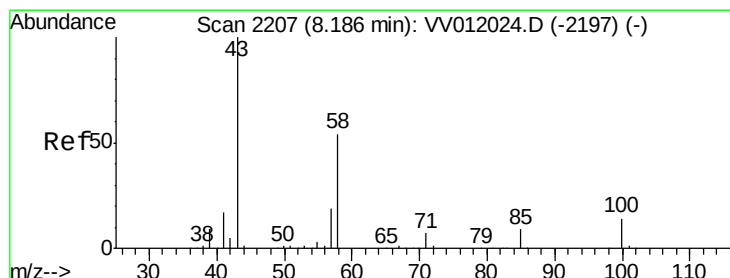
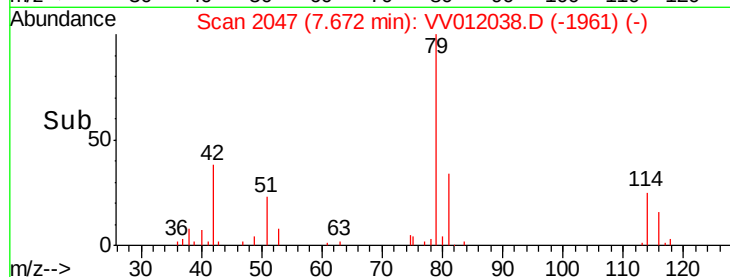
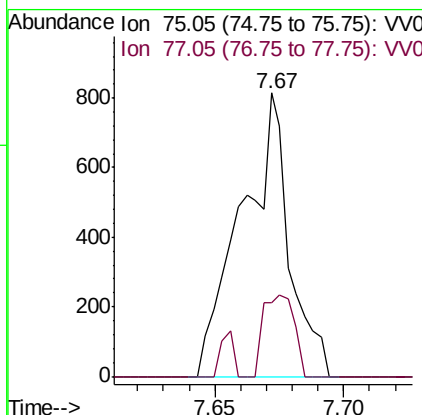
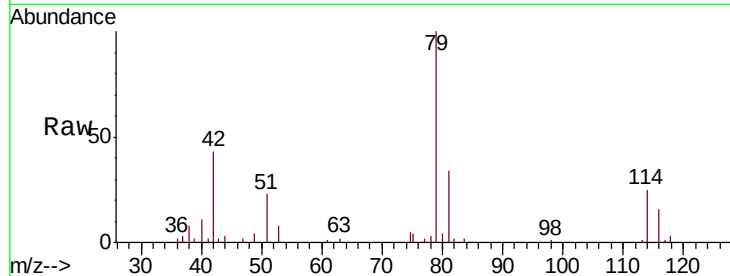




#44
trans-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.67 min Scan# 2047
Delta R.T. -0.02 min
Lab File: VV012038.D
Acq: 25 Jul 2019 19:47

Instrument :
MSVOA_V
ClientSampleId :
F2A27

Tgt Ion: 75 Resp: 1056
Ion Ratio Lower Upper
75 100
77 26.2 22.0 40.8



#48
2-Hexanone
Concen: 3.399 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012038.D
Acq: 25 Jul 2019 19:47

Tgt Ion: 43 Resp: 11632
Ion Ratio Lower Upper
43 100
58 29.2 43.7 65.5#
57 26.9 16.0 24.0#
100 1.1 10.5 15.7#

