

Data File : VV012037.D
Acq On : 25 Jul 2019 19:22
Operator : SY/MD
Sample : K4004-05
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F2A42

Quant Time: Jul 26 02:40:31 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	114787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54829	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26825	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.59	69	24171	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	45274	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.96	46	109101	62.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.12%
24) Chloroform-d	4.40	84	84099	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.08	65	48461	6.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.40%
32) Benzene-d6	5.10	84	165932	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
36) 1,2-Dichloropropane-d6	6.12	67	49296	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.36	98	144440	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.67	79	17694	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.13	63	87589	61.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36301	5.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59616	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

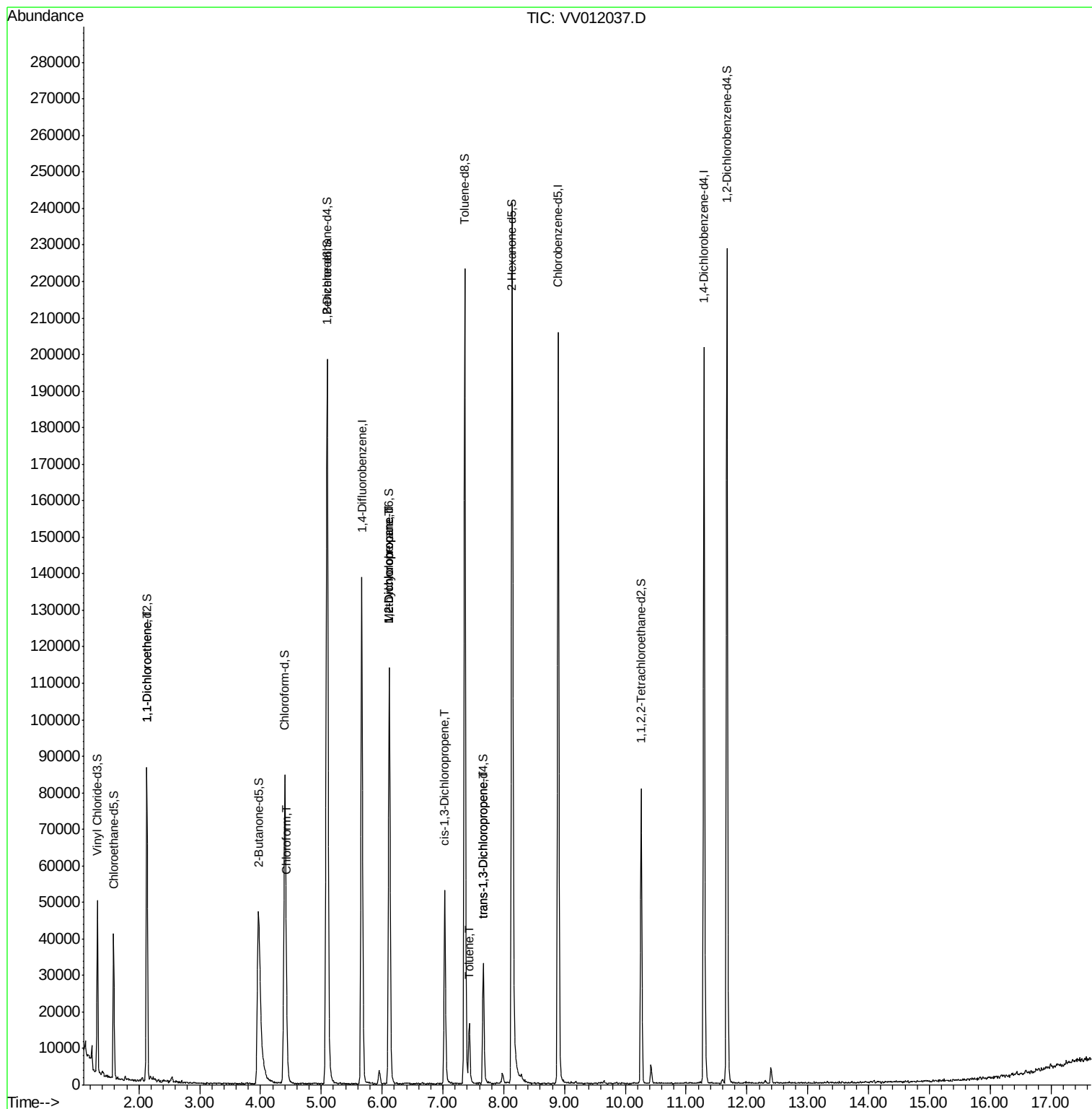
					Qvalue
12) 1,1-Dichloroethene	2.14	96	675	0.129 ug/L #	1
25) Chloroform	4.43	83	5066	0.292 ug/L	97
35) Methylcyclohexane	6.12	83	13455	0.962 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6193	0.796 ug/L #	84
39) cis-1,3-Dichloropropene	7.03	75	1383	0.120 ug/L #	65
42) Toluene	7.43	91	10501	0.302 ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	1000	0.109 ug/L	92

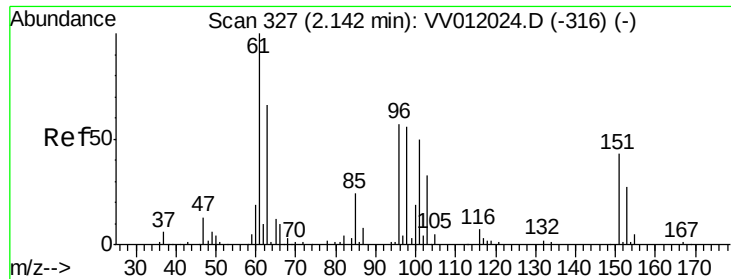
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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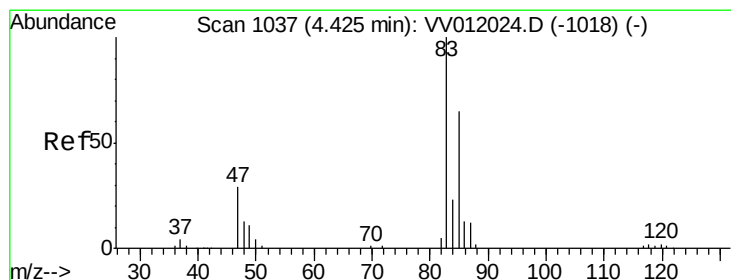
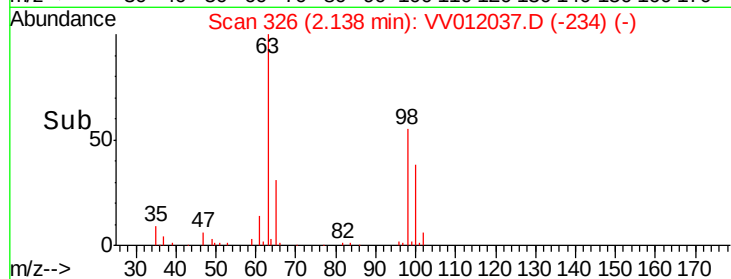
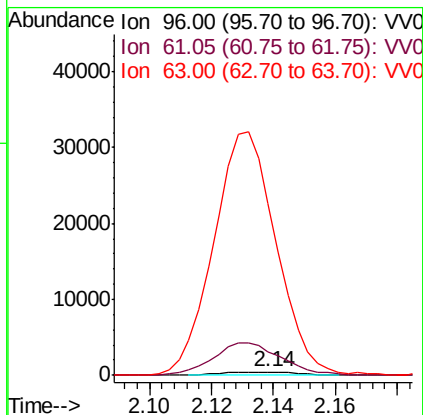
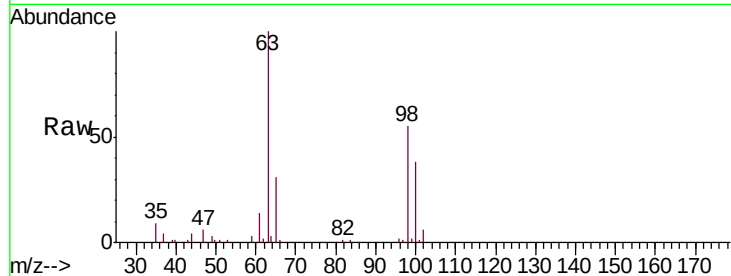




#12
 1,1-Dichloroethene
 Concen: 0.129 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VV012037.D
 Acq: 25 Jul 2019 19:22

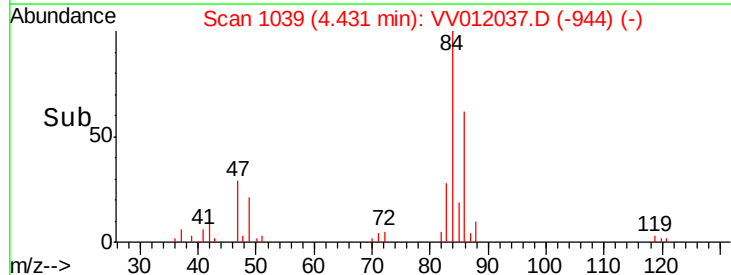
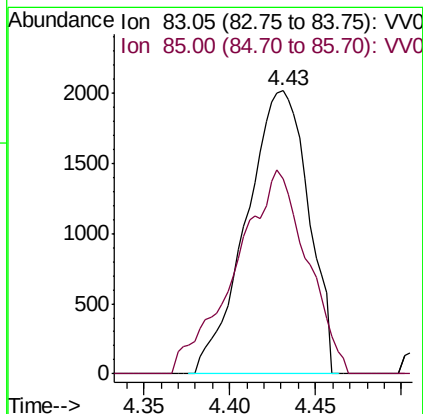
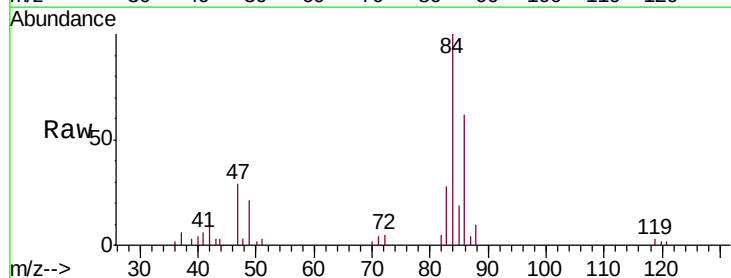
Instrument :
 MSVOA_V
 ClientSampled :
 F2A42

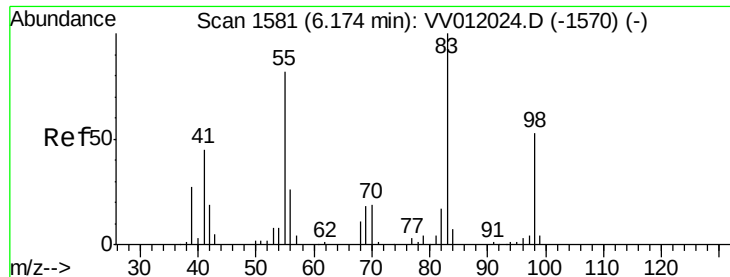
Tgt Ion: 96 Resp: 675
 Ion Ratio Lower Upper
 96 100
 61 790.3 132.7 246.5#
 63 5639.9 104.0 193.1#



#25
 Chloroform
 Concen: 0.292 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: VV012037.D
 Acq: 25 Jul 2019 19:22

Tgt Ion: 83 Resp: 5066
 Ion Ratio Lower Upper
 83 100
 85 68.8 46.5 86.3

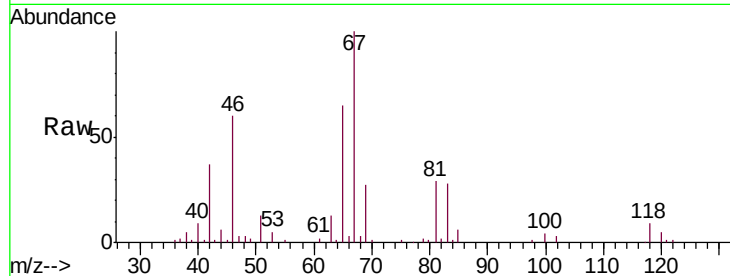




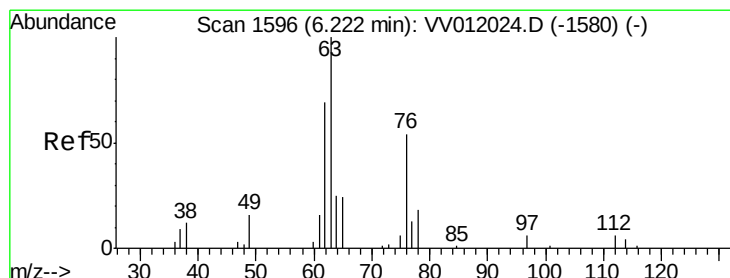
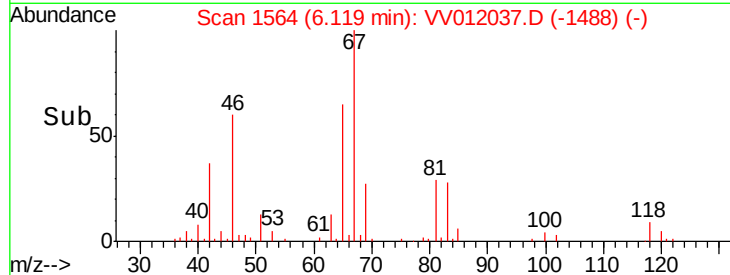
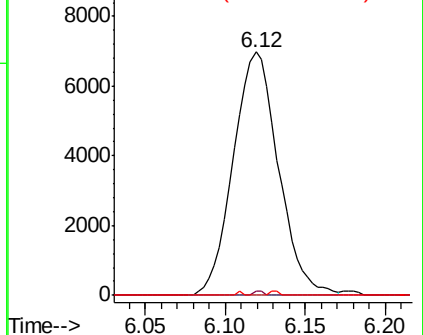
#35
Methylcyclohexane
Concen: 0.962 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012037.D
Acq: 25 Jul 2019 19:22

Instrument :
MSVOA_V
ClientSampleId :
F2A42

Tgt Ion: 83 Resp: 13455
Ion Ratio Lower Upper
83 100
55 0.4 63.0 94.4#
98 0.2 41.4 62.0#

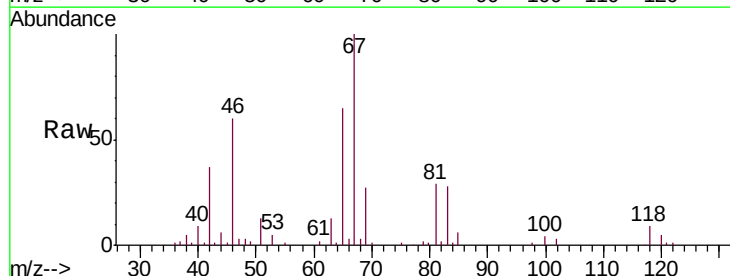


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

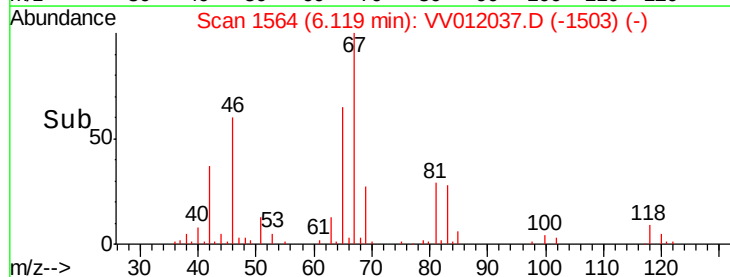
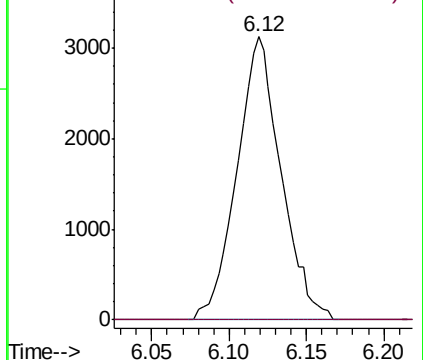


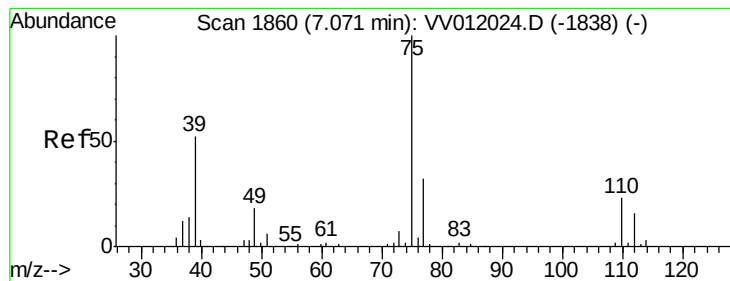
#37
1,2-Dichloropropane
Concen: 0.796 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012037.D
Acq: 25 Jul 2019 19:22

Tgt Ion: 63 Resp: 6193
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#



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



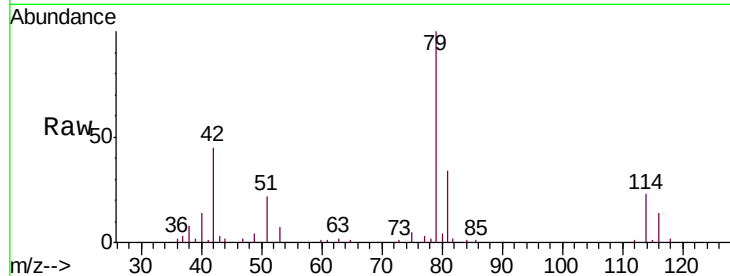


#39

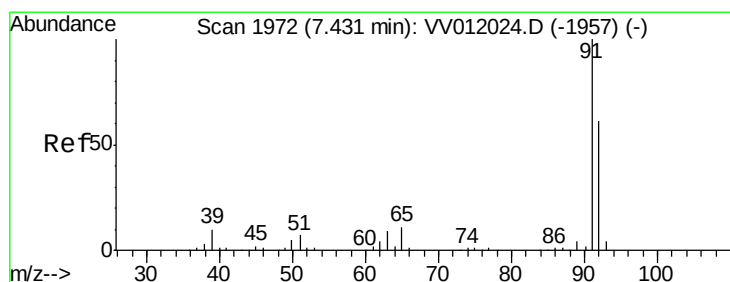
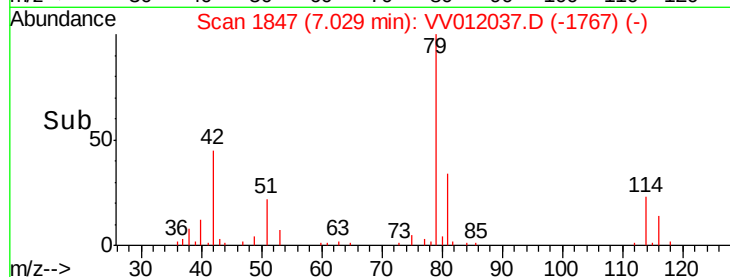
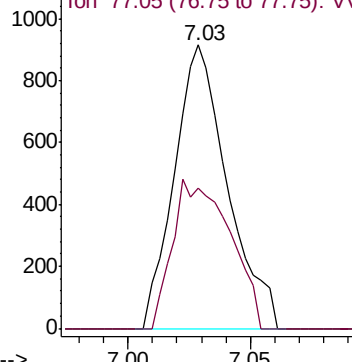
cis-1,3-Dichloropropene
Concen: 0.120 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012037.D
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Instrument :
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F2A42

Tgt Ion: 75 Resp: 1383
Ion Ratio Lower Upper
75 100
77 49.4 21.3 39.6#



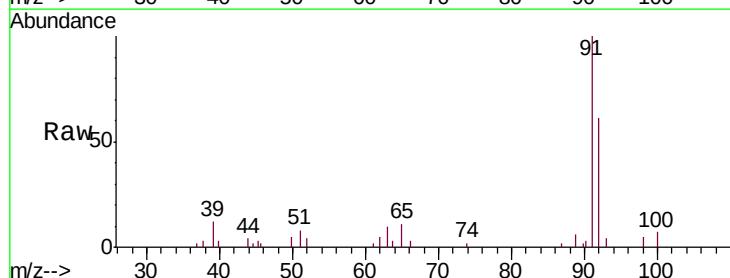
Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



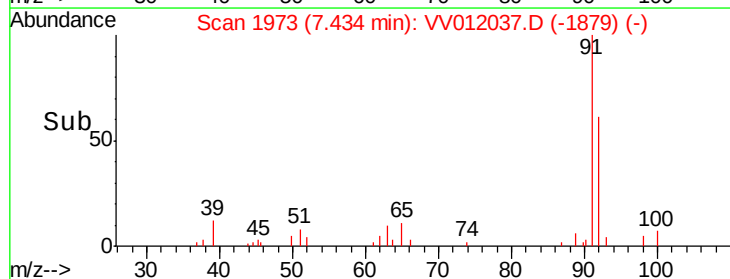
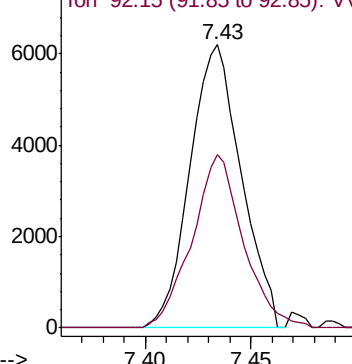
#42

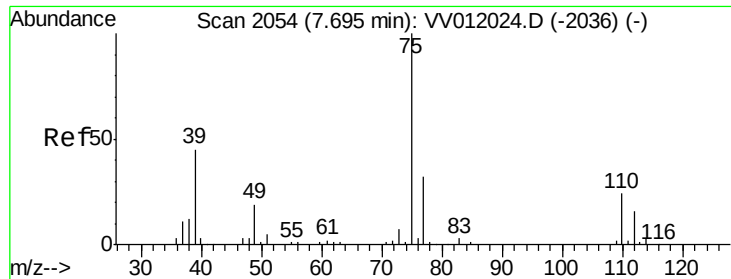
Toluene
Concen: 0.302 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV012037.D
Acq: 25 Jul 2019 19:22

Tgt Ion: 91 Resp: 10501
Ion Ratio Lower Upper
91 100
92 61.3 41.9 77.9



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV012037.D

Acq: 25 Jul 2019 19:22

Instrument :

MSVOA_V

ClientSampleId :

F2A42

Tgt Ion: 75 Resp: 1000

Ion Ratio Lower Upper

75 100

77 36.0 22.0 40.8

