

Data File : VV010474.D
Acq On : 24 Apr 2019 21:00
Operator : SY/MD
Sample : VV424WBL02
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK39

Quant Time: Apr 25 04:06:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 04:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	232773	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234736	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	109912	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66440	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	52044	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	99697	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.95	46	135768	47.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.38%
24) Chloroform-d	4.40	84	103428	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.60%
26) 1,2-Dichloroethane-d4	5.09	65	70462	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.10	84	281568	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	82744	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	254087	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	27931	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	117306	47.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	60494	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	102231	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

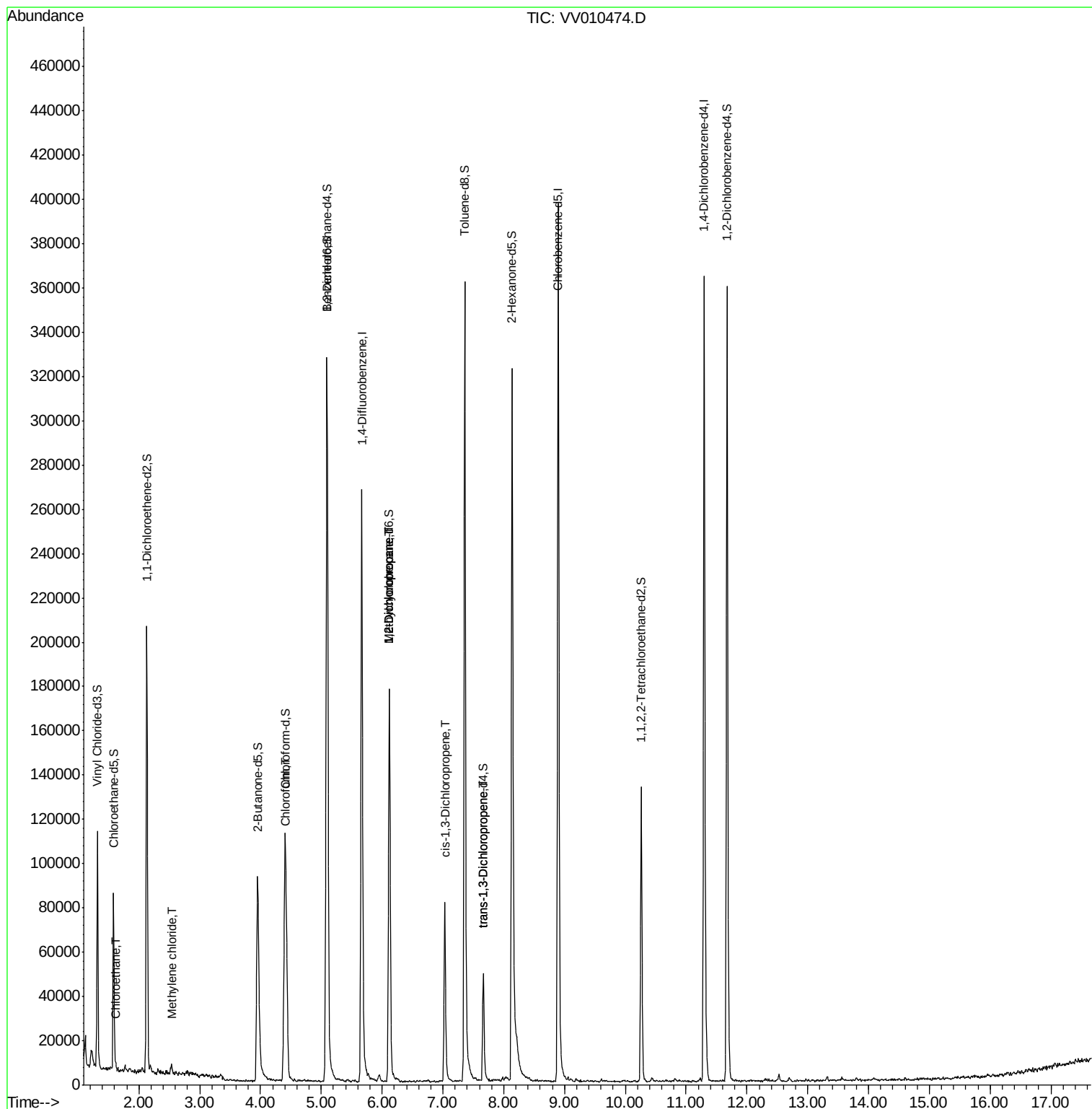
					Qvalue
8) Chloroethane	1.62	64	1165	0.131 ug/L #	54
16) Methylene chloride	2.53	84	2126	0.139 ug/L	98
25) Chloroform	4.43	83	41460	1.443 ug/L	98
35) Methylcyclohexane	6.12	83	20686	0.796 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	9919	0.681 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2503	0.116 ug/L	83
44) trans-1,3-Dichloropropene	7.67	75	1412	0.085 ug/L #	72

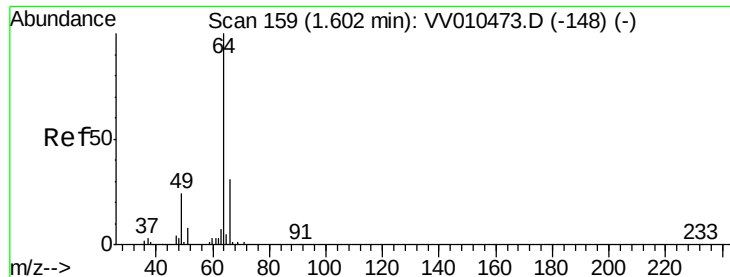
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.131 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.02 min

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Acq: 24 Apr 2019 21:00

Instrument :

MSVOA_V

ClientSampleId :

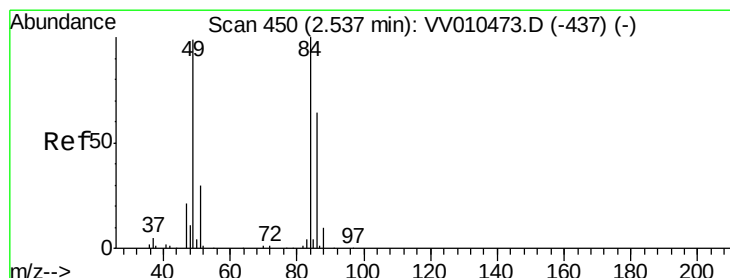
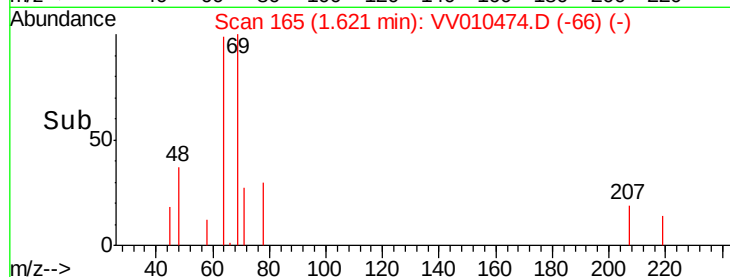
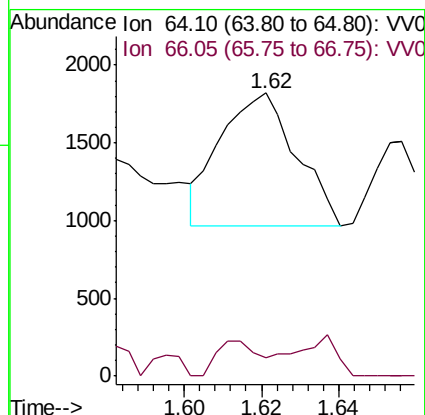
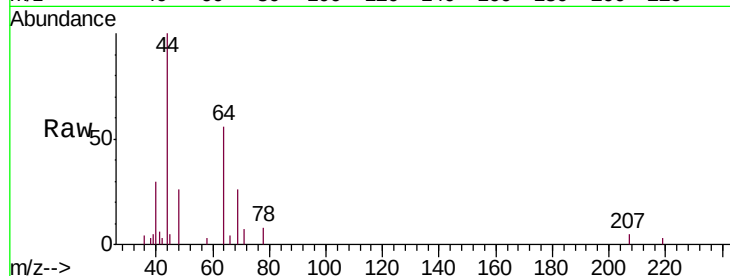
VBLK39

Tgt Ion: 64 Resp: 1165

Ion Ratio Lower Upper

64 100

66 6.3 22.5 41.9#



#16

Methylene chloride

Concen: 0.139 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV010474.D

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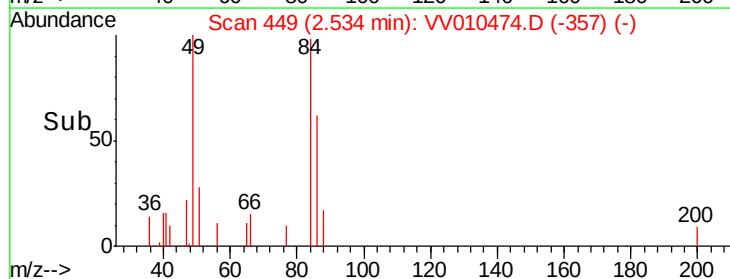
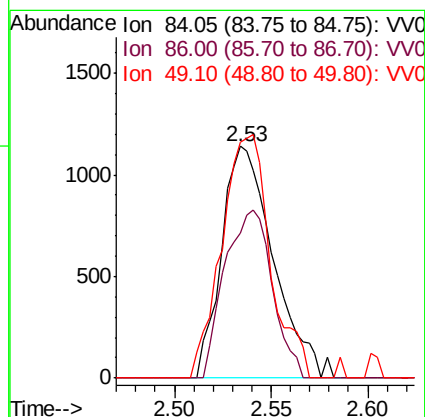
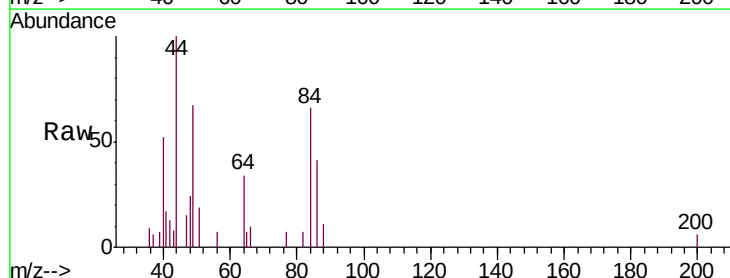
Tgt Ion: 84 Resp: 2126

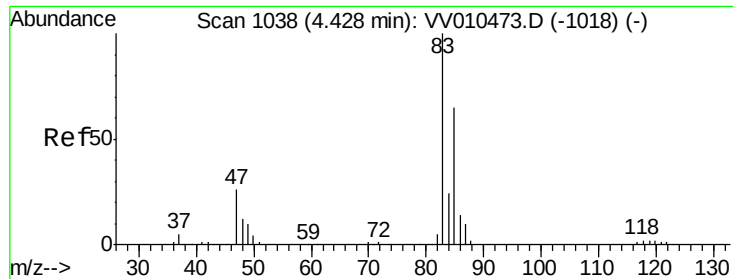
Ion Ratio Lower Upper

84 100

86 62.8 44.7 83.1

49 101.7 72.7 135.1

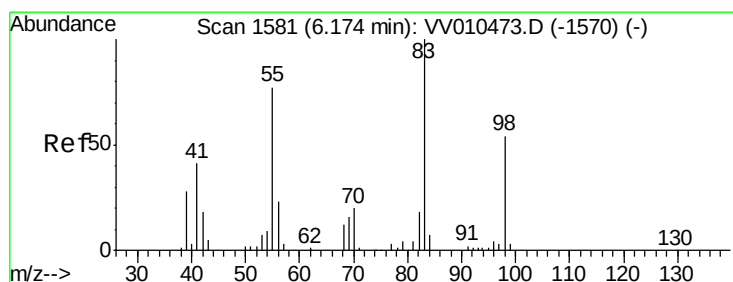
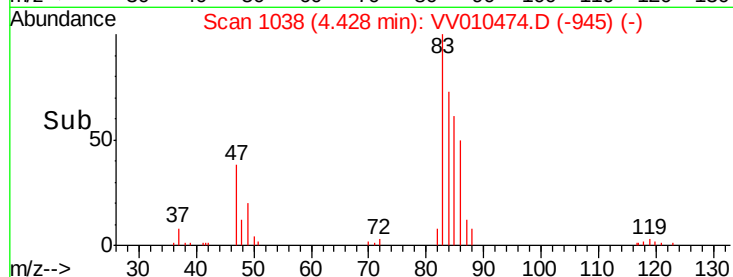
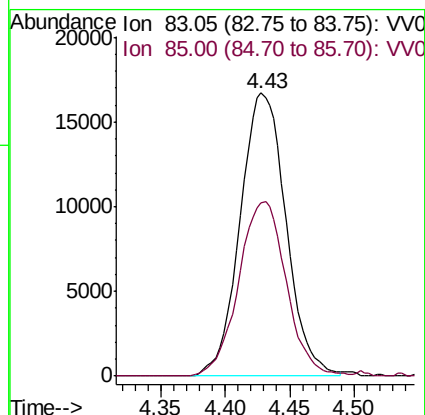
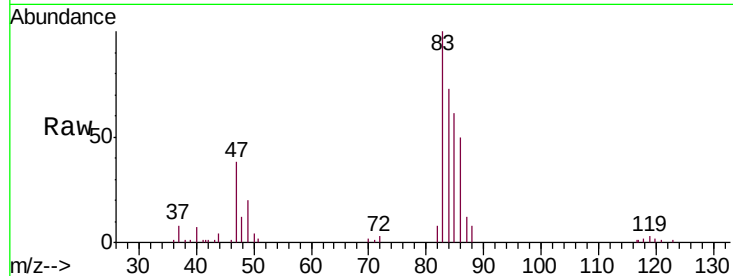




#25
Chloroform
Concen: 1.443 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010474.D
Acq: 24 Apr 2019 21:00

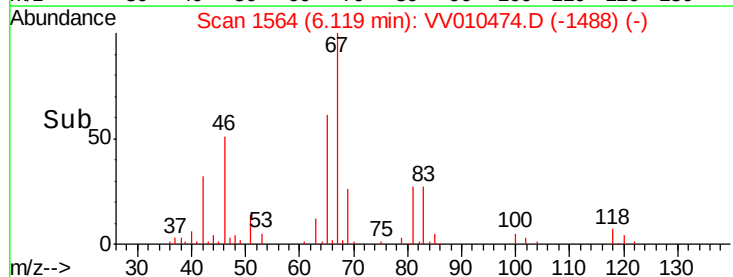
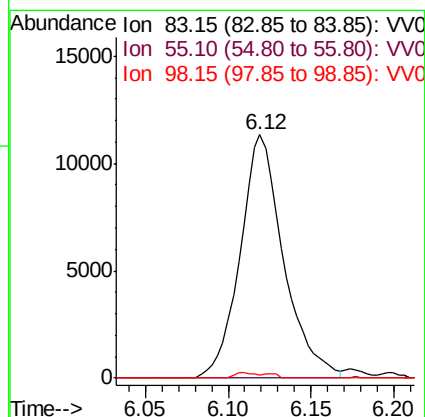
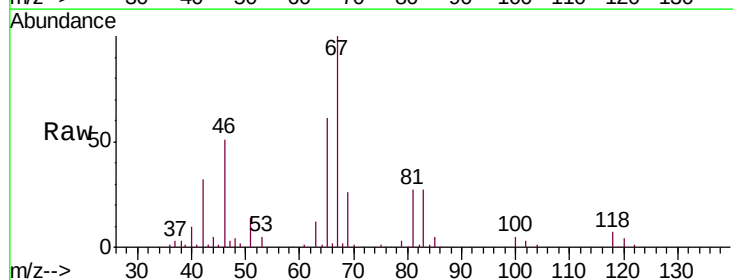
Instrument :
MSVOA_V
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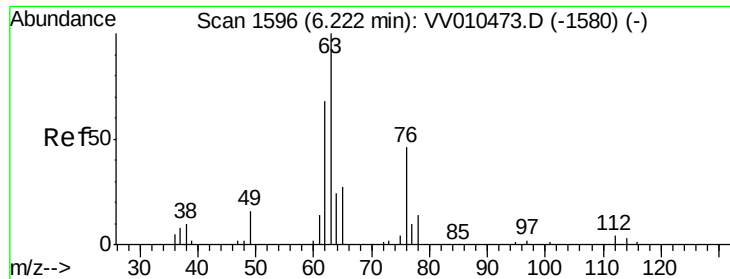
Tgt Ion: 83 Resp: 41460
Ion Ratio Lower Upper
83 100
85 61.4 44.3 82.3



#35
Methylcyclohexane
Concen: 0.796 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010474.D
Acq: 24 Apr 2019 21:00

Tgt Ion: 83 Resp: 20686
Ion Ratio Lower Upper
83 100
55 0.1 57.8 86.6#
98 0.5 38.8 58.2#

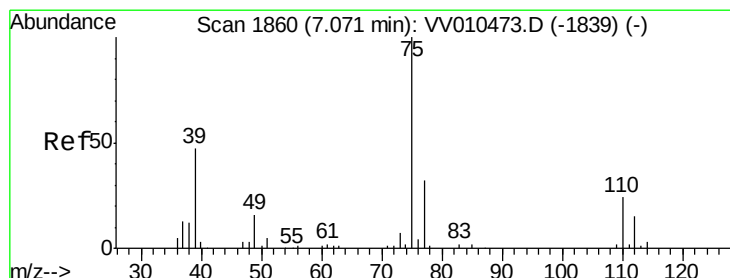
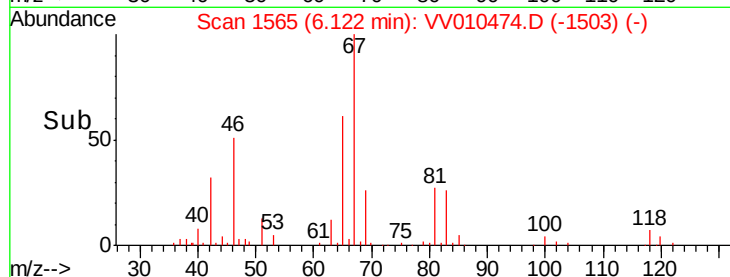
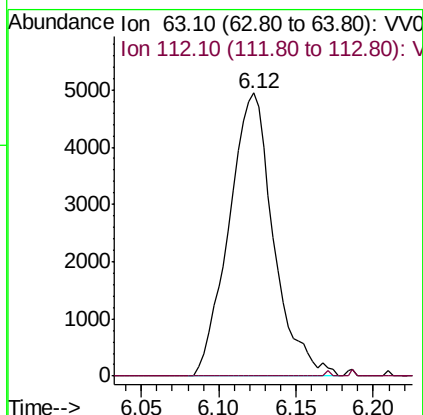
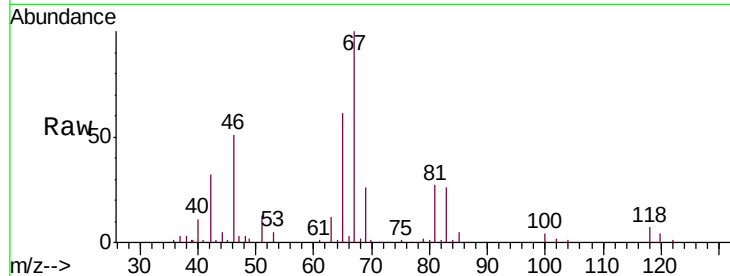




#37
 1,2-Dichloropropane
 Concen: 0.681 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV010474.D
 Acq: 24 Apr 2019 21:00

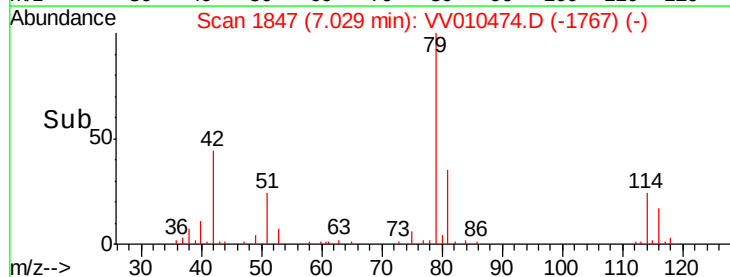
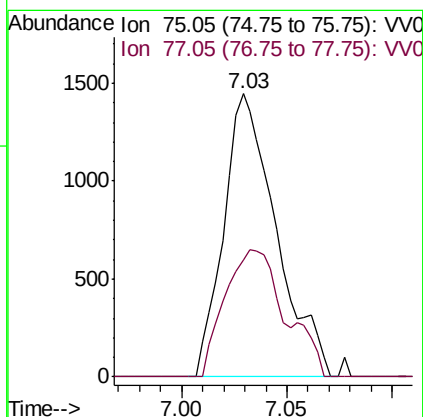
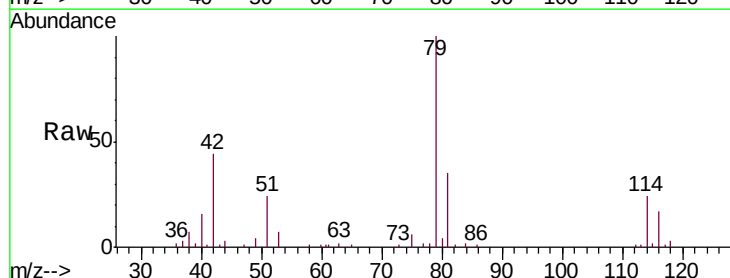
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK39

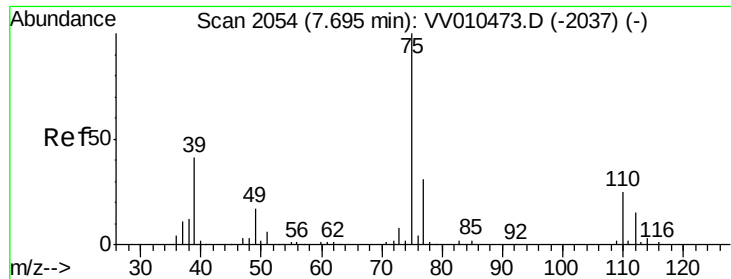
Tgt Ion: 63 Resp: 9919
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV010474.D
 Acq: 24 Apr 2019 21:00

Tgt Ion: 75 Resp: 2503
 Ion Ratio Lower Upper
 75 100
 77 41.4 22.5 41.7





#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.02 min

Lab File: VV010474.D

Acq: 24 Apr 2019 21:00

Instrument :

MSVOA_V

ClientSampleId :

VBLK39

Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

75 100

77 47.2 22.1 41.1#

