

Data File : VV012374.D
Acq On : 23 Aug 2019 20:01
Operator : SY/MD
Sample : K4481-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Aug 26 08:03:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 26 07:59:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	256113	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	250494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99507	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62610	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.58	69	46457	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	84475	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.97	46	168105	48.73	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.46%
24) Chloroform-d	4.40	84	137500	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.08	65	67269	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.10	84	279639	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.12	67	89516	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	232066	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.67	79	28935	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.14	63	87947	40.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53246	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	81805	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

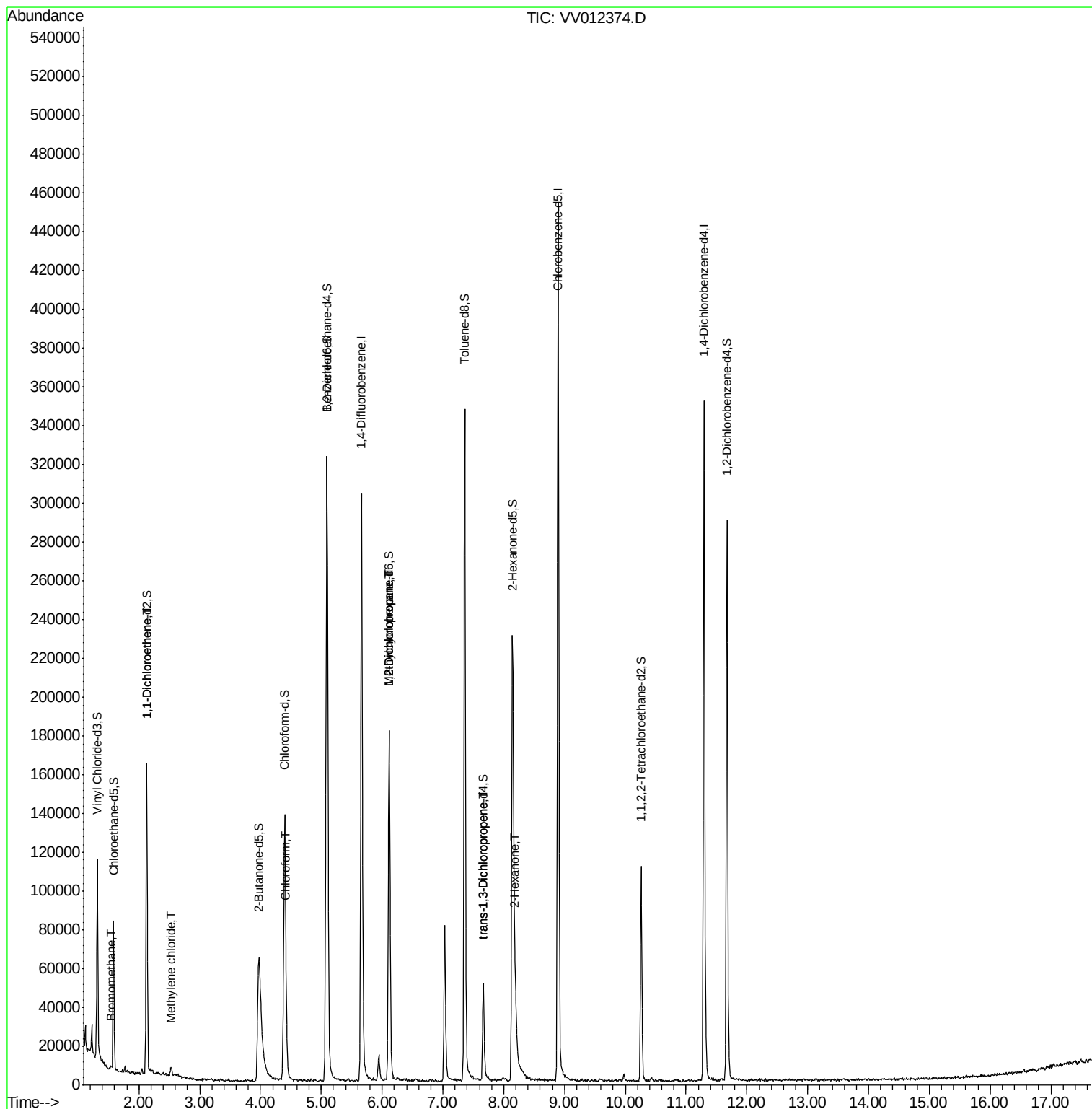
					Qvalue
6) Bromomethane	1.54	94	712	0.096 ug/L	87
12) 1,1-Dichloroethene	2.13	96	929	0.090 ug/L #	1
16) Methylene chloride	2.53	84	2056	0.180 ug/L	98
25) Chloroform	4.43	83	8070	0.255 ug/L	92
35) Methylcyclohexane	6.12	83	20766	0.767 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	9793	0.605 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1508	0.092 ug/L #	72
48) 2-Hexanone	8.19	43	20454	3.269 ug/L #	80

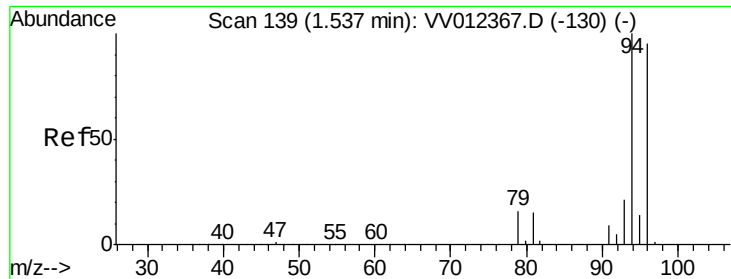
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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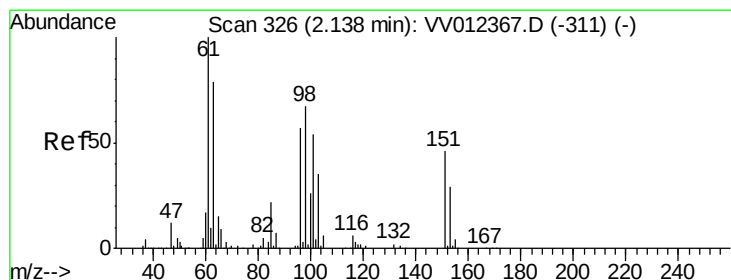
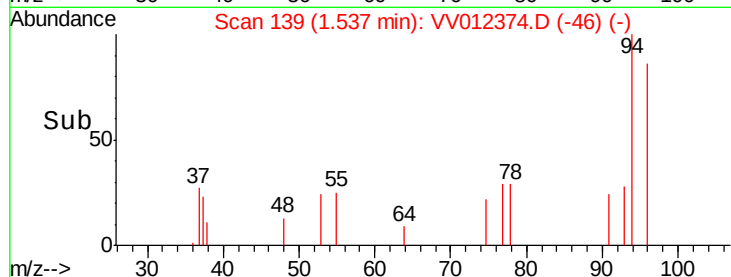
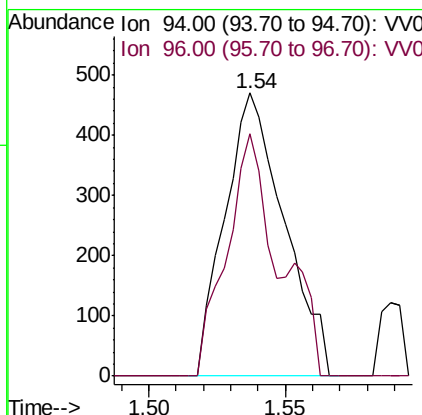
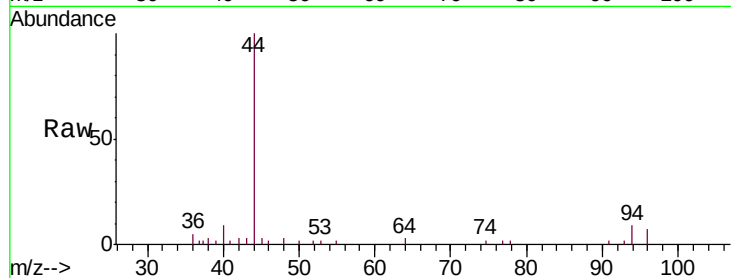




#6
 Bromomethane
 Concen: 0.096 ug/L
 RT: 1.54 min Scan# 139
 Delta R.T. -0.00 min
 Lab File: VV012374.D
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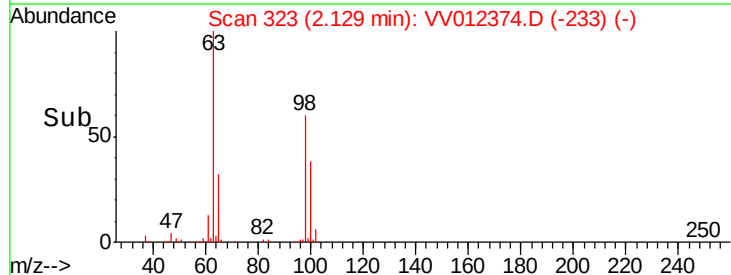
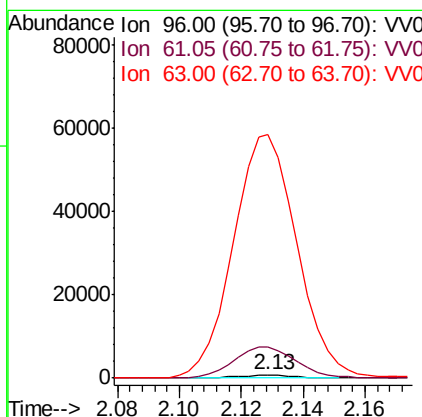
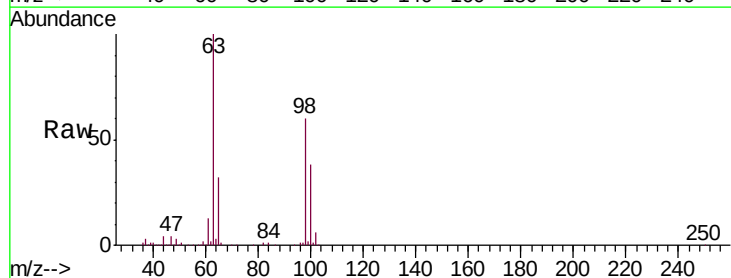
Instrument :
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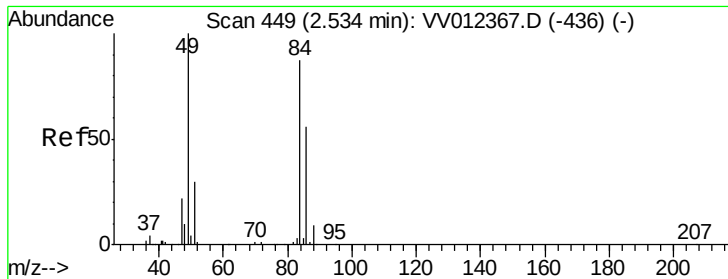
Tgt Ion: 94 Resp: 712
 Ion Ratio Lower Upper
 94 100
 96 85.5 69.2 128.6



#12
 1,1-Dichloroethene
 Concen: 0.090 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012374.D
 Acq: 23 Aug 2019 20:01

Tgt Ion: 96 Resp: 929
 Ion Ratio Lower Upper
 96 100
 61 1032.3 122.3 227.1#
 63 8170.1 90.6 168.2#

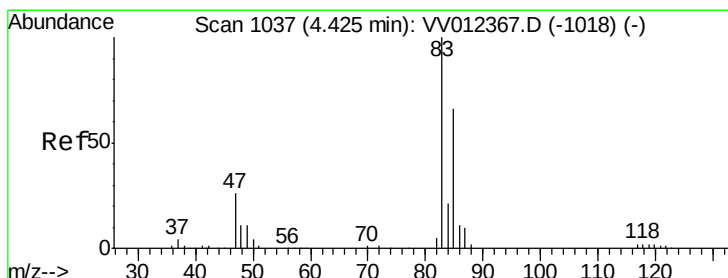
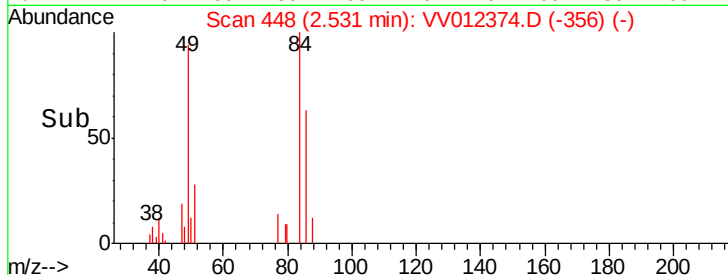
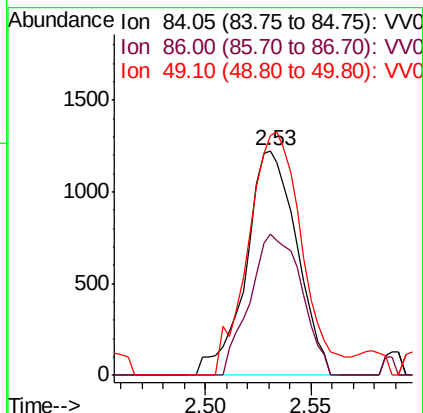
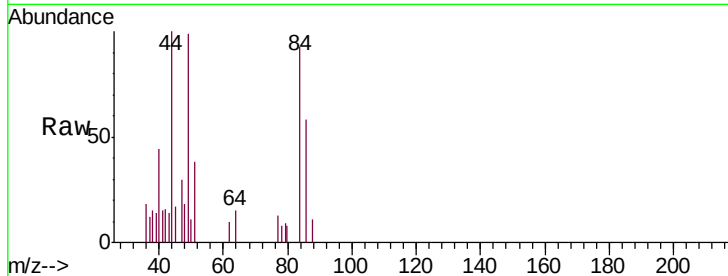




#16
Methylene chloride
Concen: 0.180 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

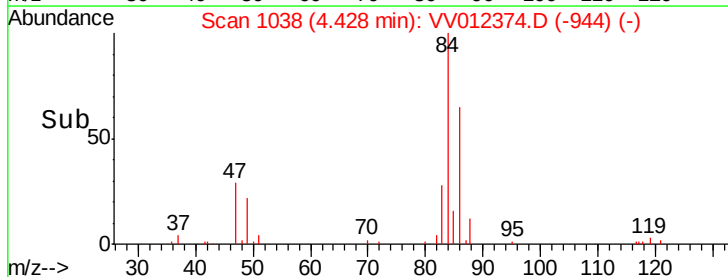
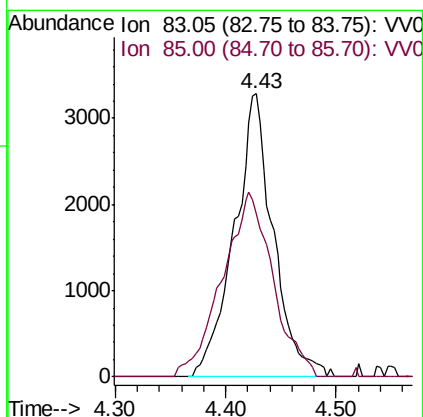
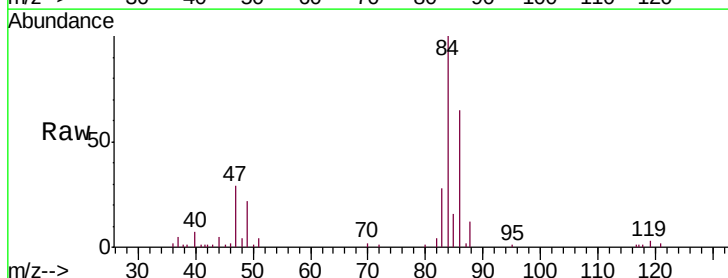
Instrument :
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VHBLK01

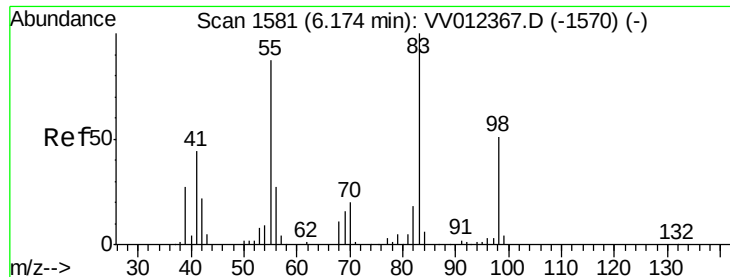
Tgt Ion: 84 Resp: 2056
Ion Ratio Lower Upper
84 100
86 63.0 44.9 83.5
49 119.1 81.1 150.7



#25
Chloroform
Concen: 0.255 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

Tgt Ion: 83 Resp: 8070
Ion Ratio Lower Upper
83 100
85 57.6 44.6 82.8

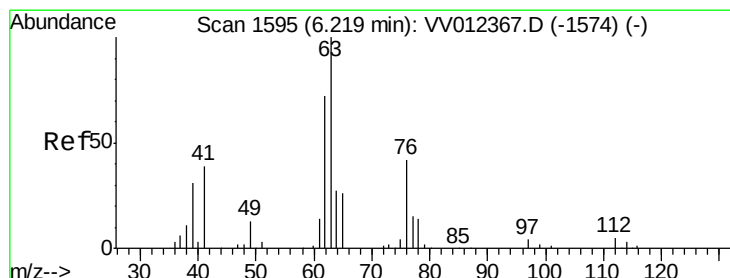
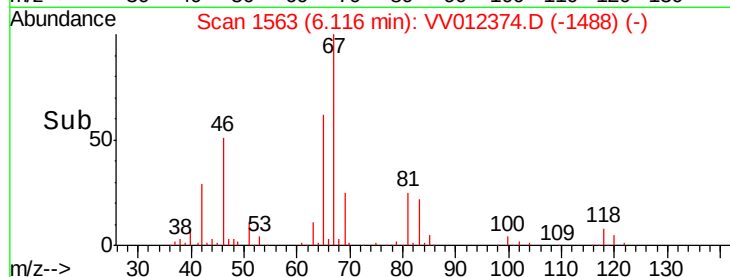
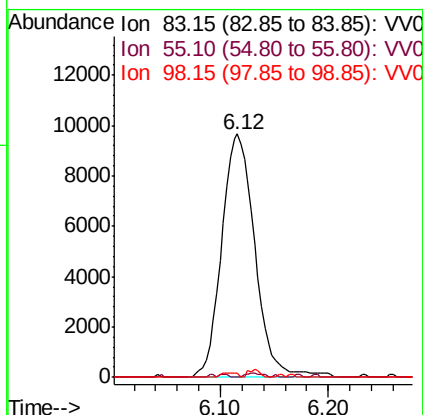
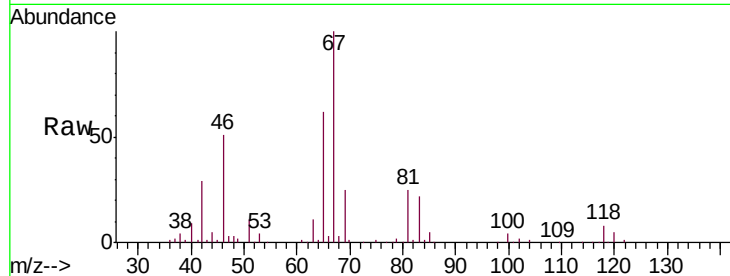




#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

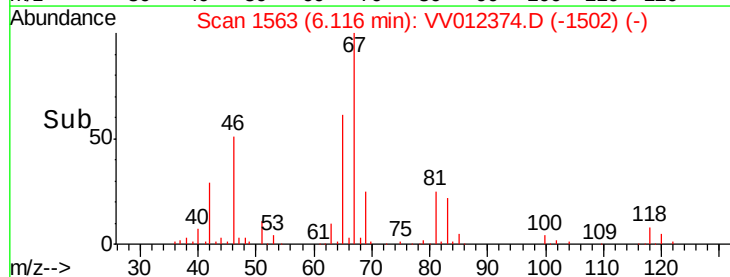
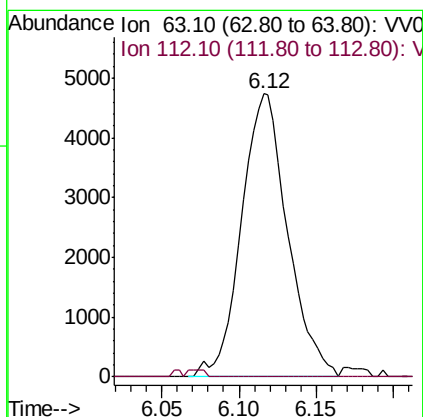
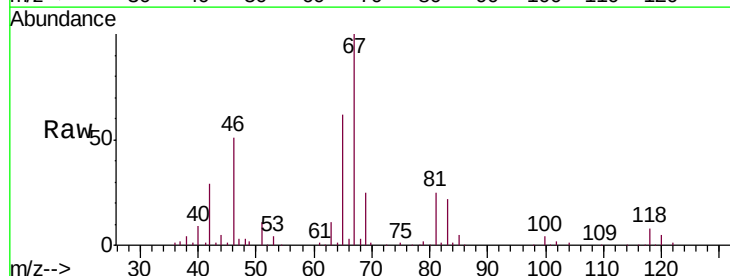
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

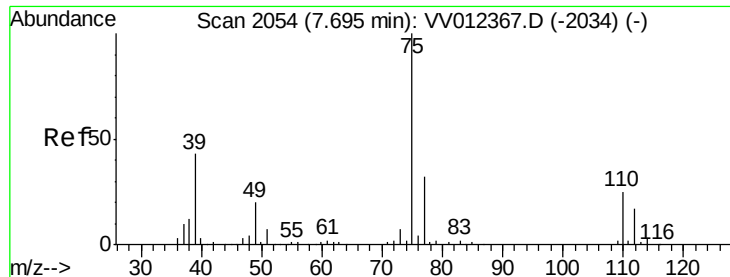
Tgt Ion: 83 Resp: 20766
Ion Ratio Lower Upper
83 100
55 0.9 64.6 97.0#
98 1.1 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

Tgt Ion: 63 Resp: 9793
Ion Ratio Lower Upper
63 100
112 0.9 4.2 6.2#

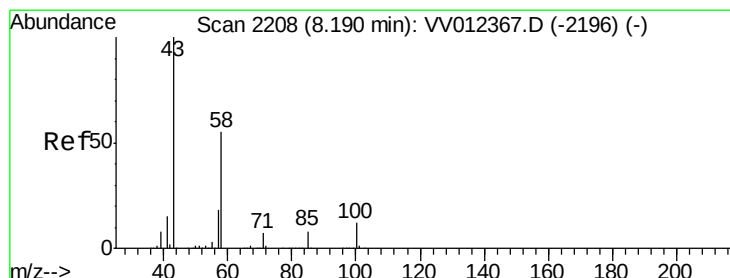
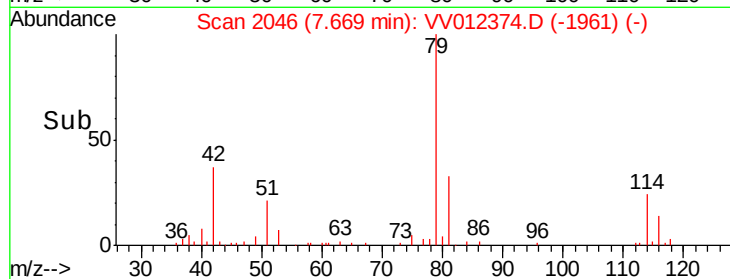
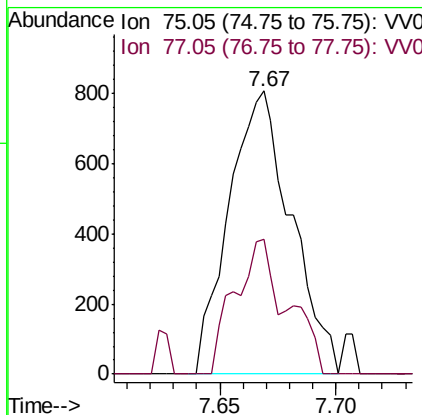
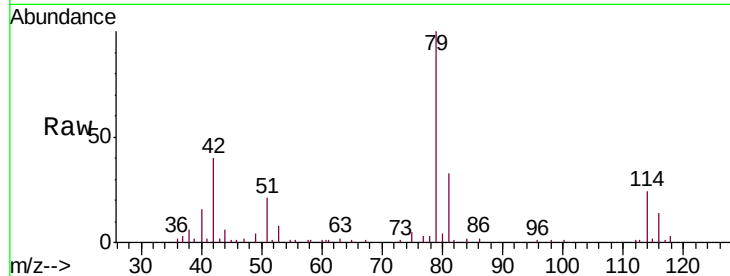




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1508
Ion Ratio Lower Upper
75 100
77 47.8 22.6 42.0#



#48
2-Hexanone
Concen: 3.269 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VV012374.D
Acq: 23 Aug 2019 20:01

Tgt Ion: 43 Resp: 20454
Ion Ratio Lower Upper
43 100
58 35.6 46.3 69.5#
57 18.8 14.9 22.3
100 10.3 9.7 14.5

