

Data File : VV011609.D
Acq On : 19 Jun 2019 07:13
Operator : SY/MD
Sample : K3381-07
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCM8

Quant Time: Jun 19 07:55:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 07:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	175051	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	159504	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58992	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40262	3.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.00%
7) Chloroethane-d5	1.56	69	33000	3.94	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.12	63	65379	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	3.95	46	188846	50.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.56%
24) Chloroform-d	4.40	84	107770	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.08	65	67894	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	205317	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.12	67	69329	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.36	98	165832	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.67	79	16531	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	8.14	63	134549	46.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51587	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	57746	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

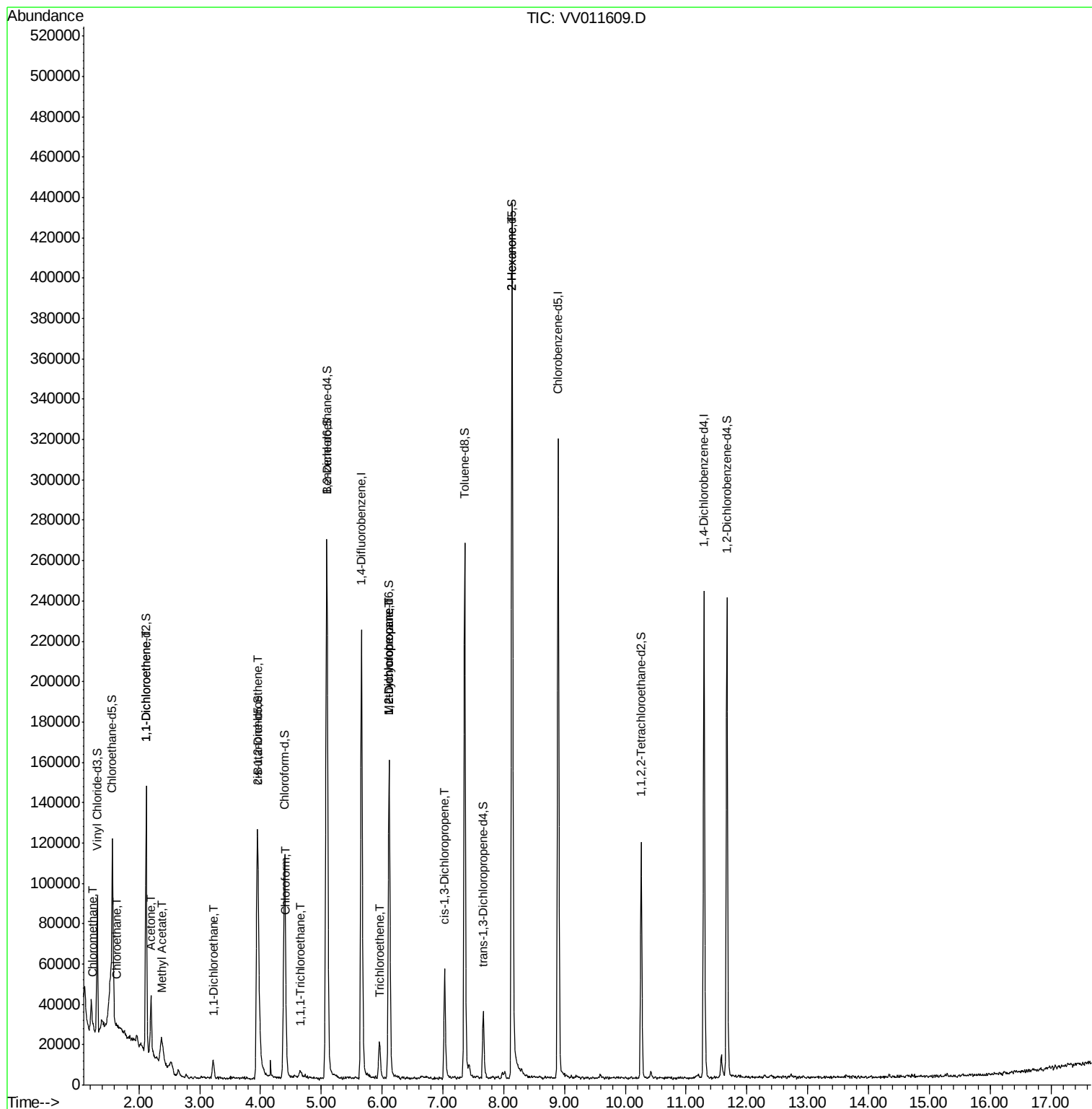
						Qvalue
3) Chloromethane	1.25	50	1532	0.091	ug/L	92
8) Chloroethane	1.63	64	1169	0.145	ug/L #	58
12) 1,1-Dichloroethene	2.12	96	1219	0.112	ug/L #	1
13) Acetone	2.20	43	6044	2.412	ug/L	96
15) Methyl Acetate	2.37	43	9487	1.428	ug/L #	58
19) 1,1-Dichloroethane	3.22	63	8367	0.329	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	10091	0.724	ug/L	91
25) Chloroform	4.42	83	3188	0.125	ug/L	85
29) 1,1,1-Trichloroethane	4.65	97	1380	0.070	ug/L #	70
34) Trichloroethene	5.96	95	5653	0.425	ug/L	90
35) Methylcyclohexane	6.12	83	17072	0.901	ug/L #	16
37) 1,2-Dichloropropane	6.11	63	8240	0.594	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1479	0.085	ug/L #	60
48) 2-Hexanone	8.14	43	19970	2.874	ug/L #	79

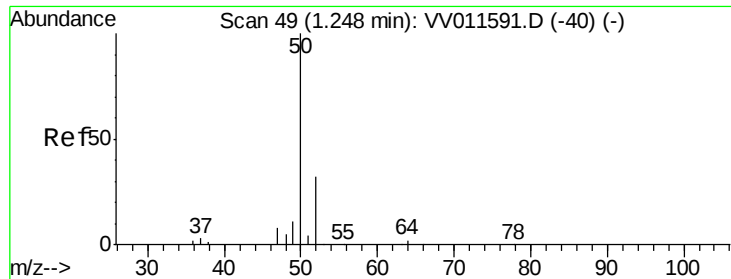
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV011609.D

Acq: 19 Jun 2019 07:13

Instrument :

MSVOA_V

ClientSampleId :

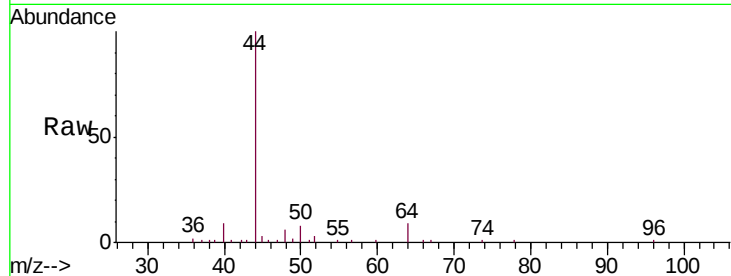
BFCM8

Tgt Ion: 50 Resp: 1532

Ion Ratio Lower Upper

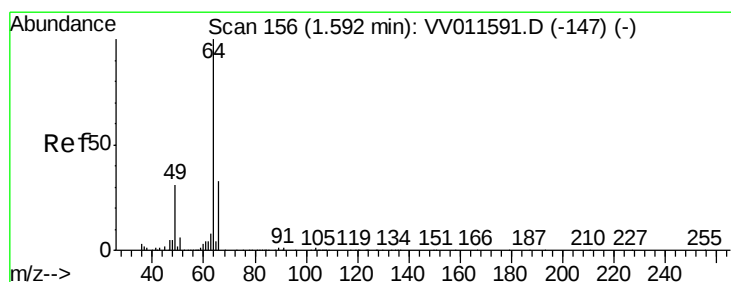
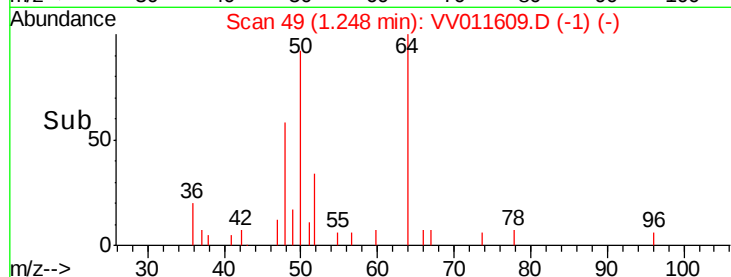
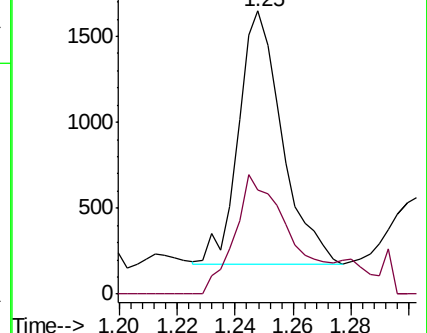
50 100

52 36.9 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV011591.D (-40) (-)

Ion 52.05 (51.75 to 52.75): VV011609.D (-1) (-)



#8

Chloroethane

Concen: 0.145 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VV011609.D

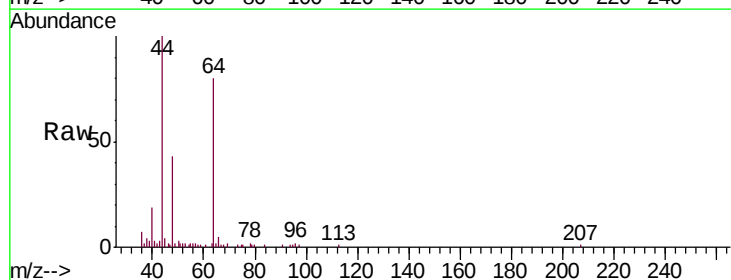
Acq: 19 Jun 2019 07:13

Tgt Ion: 64 Resp: 1169

Ion Ratio Lower Upper

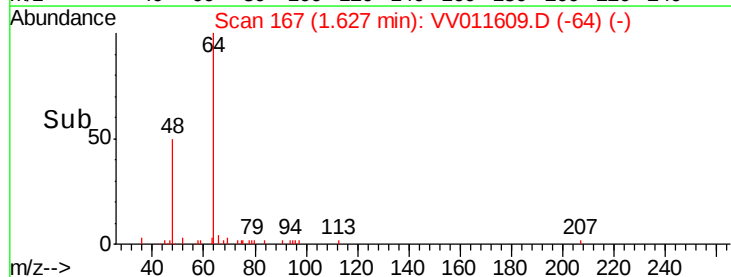
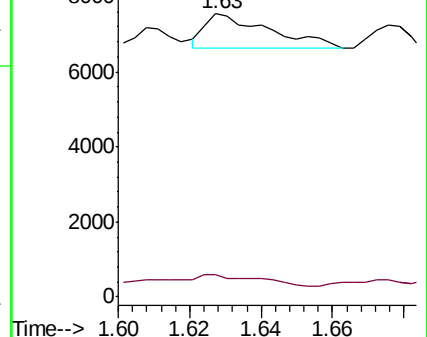
64 100

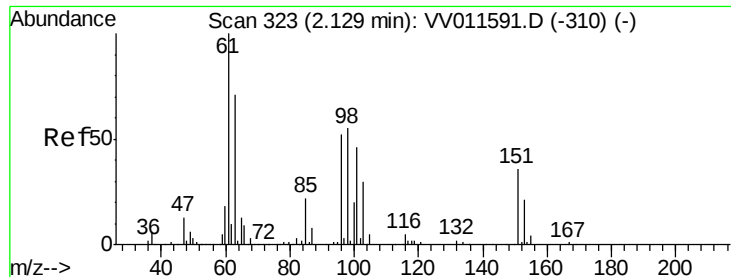
66 7.7 21.6 40.2#



Abundance Ion 64.10 (63.80 to 64.80): VV011591.D (-147) (-)

Ion 66.05 (65.75 to 66.75): VV011609.D (-64) (-)





#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV011609.D

Acq: 19 Jun 2019 07:13

Instrument :
MSVOA_V
ClientSampled :
BFCM8

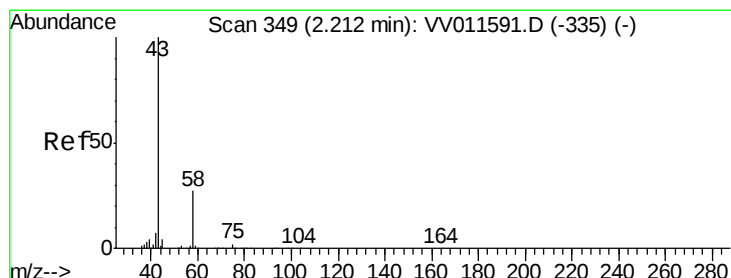
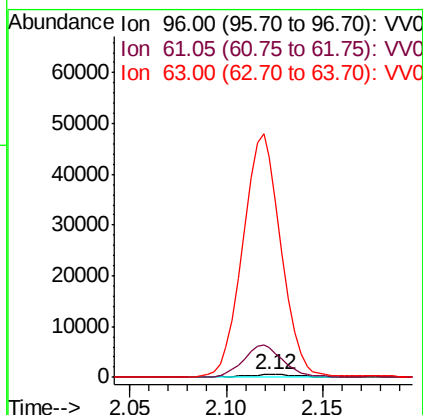
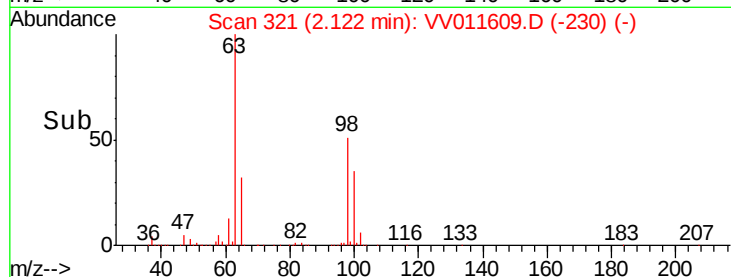
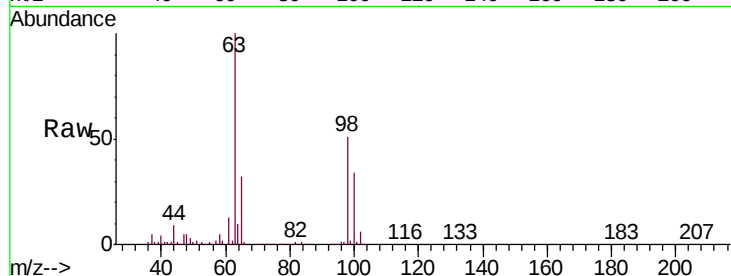
Tgt Ion: 96 Resp: 1219

Ion Ratio Lower Upper

96 100

61 1021.8 135.9 252.5#

63 7693.6 86.2 160.2#



#13

Acetone

Concen: 2.412 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV011609.D

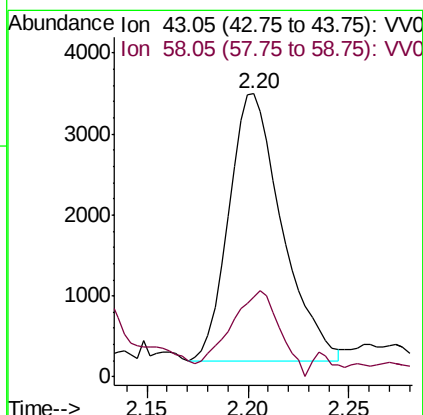
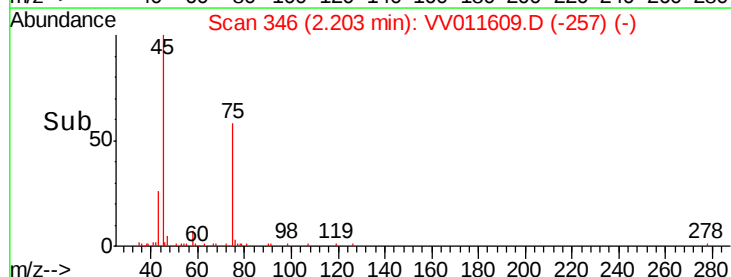
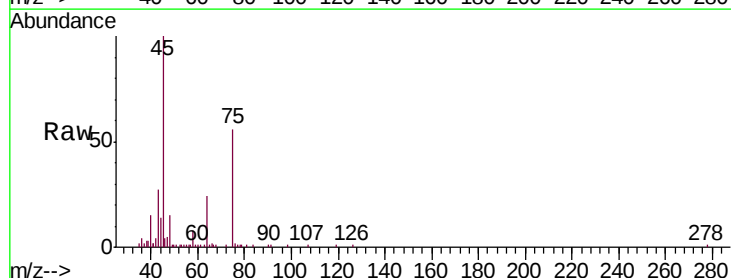
Acq: 19 Jun 2019 07:13

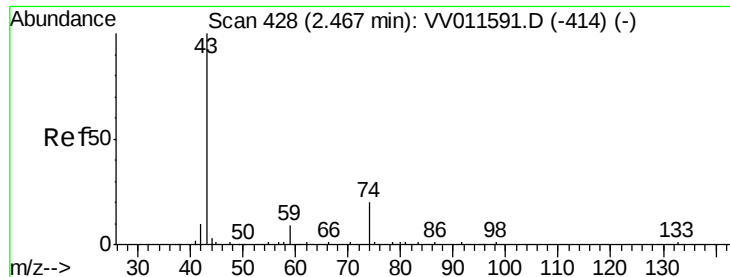
Tgt Ion: 43 Resp: 6044

Ion Ratio Lower Upper

43 100

58 31.2 0.0 57.8

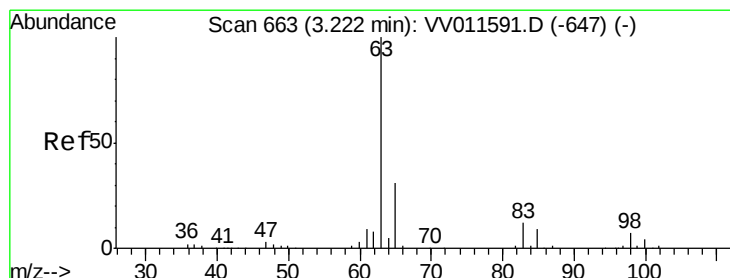
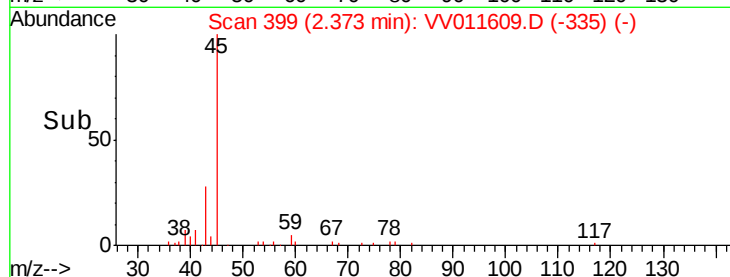
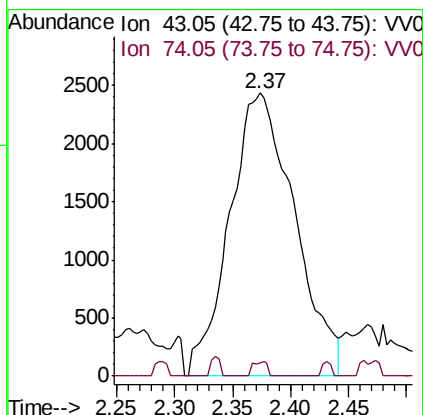
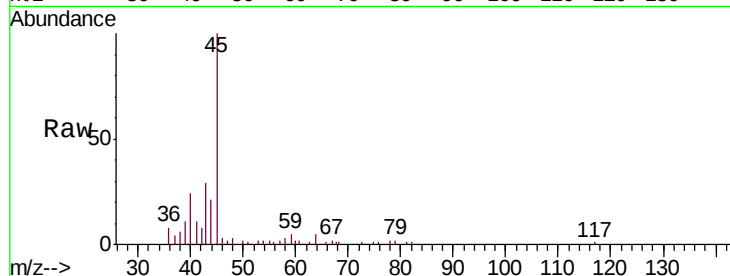




#15
Methyl Acetate
Concen: 1.428 ug/L
RT: 2.37 min Scan# 399
Delta R.T. -0.09 min
Lab File: VV011609.D
Acq: 19 Jun 2019 07:13

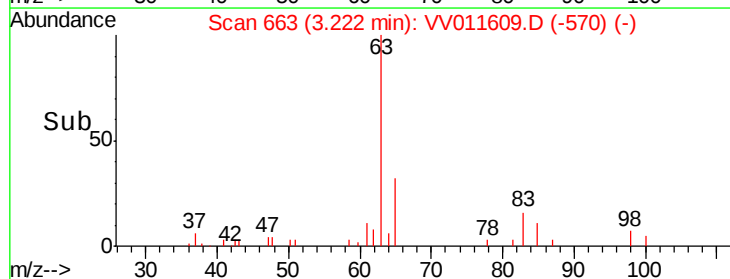
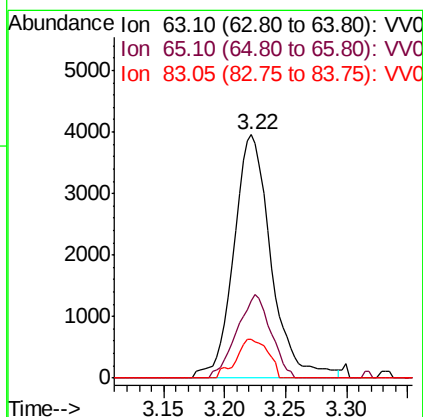
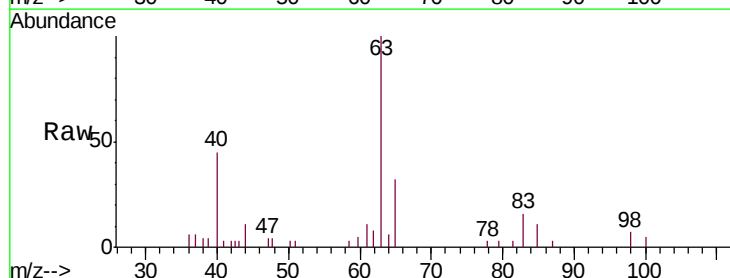
Instrument :
MSVOA_V
ClientSampled :
BFCM8

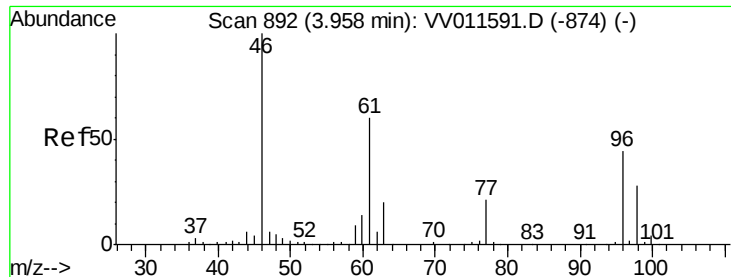
Tgt Ion: 43 Resp: 9487
Ion Ratio Lower Upper
43 100
74 1.2 16.5 24.7#



#19
1,1-Dichloroethane
Concen: 0.329 ug/L
RT: 3.22 min Scan# 663
Delta R.T. 0.00 min
Lab File: VV011609.D
Acq: 19 Jun 2019 07:13

Tgt Ion: 63 Resp: 8367
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 16.2 10.1 18.9

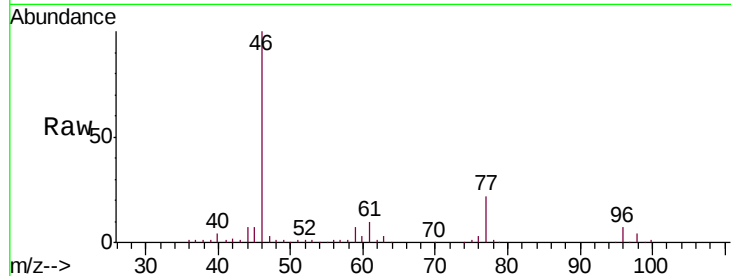




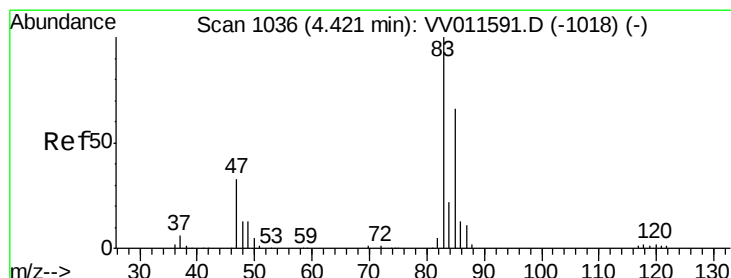
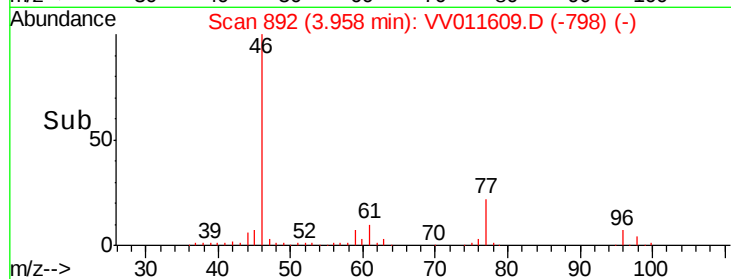
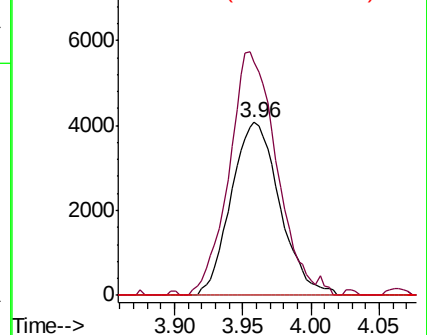
#22
 cis-1,2-Dichloroethene
 Concen: 0.724 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM8

Tgt Ion: 96 Resp: 10091
 Ion Ratio Lower Upper
 96 100
 61 135.1 102.2 189.8
 68 0.0 0.0 0.0

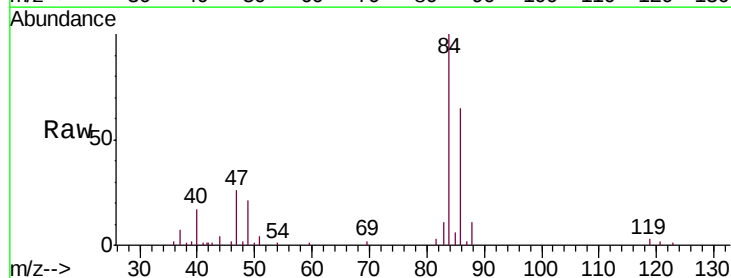


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

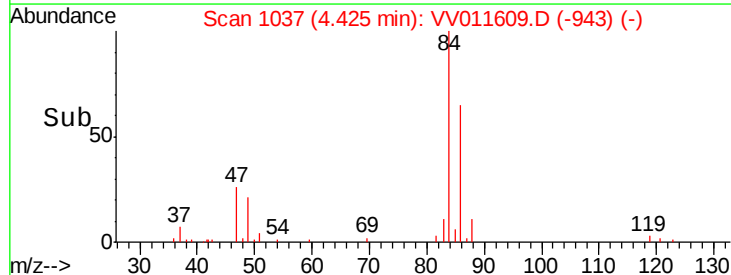
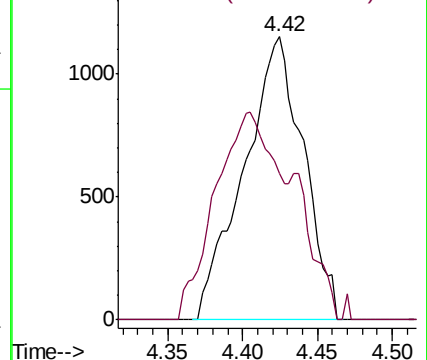


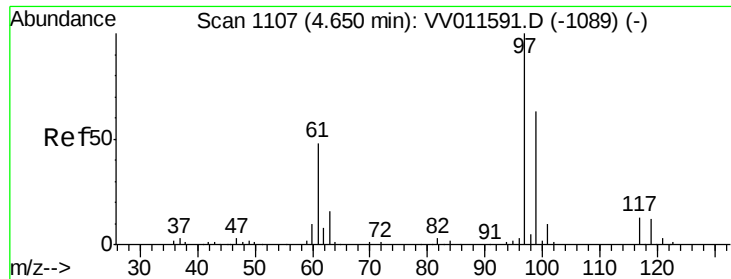
#25
 Chloroform
 Concen: 0.125 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Tgt Ion: 83 Resp: 3188
 Ion Ratio Lower Upper
 83 100
 85 51.7 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

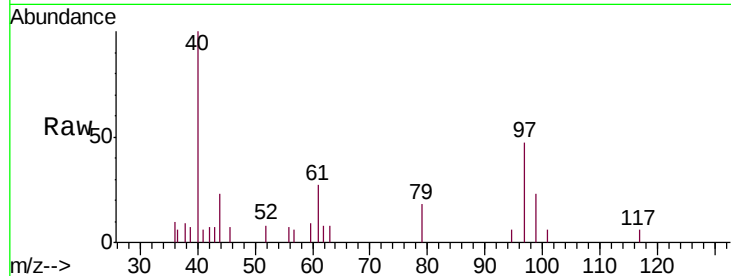




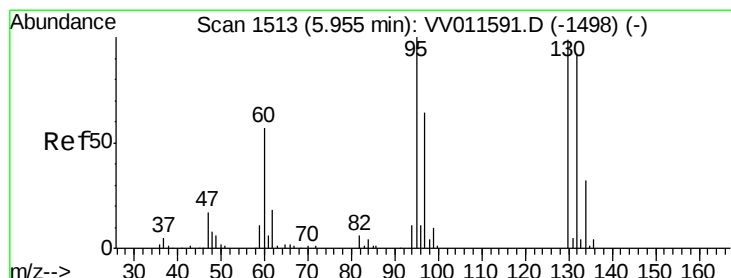
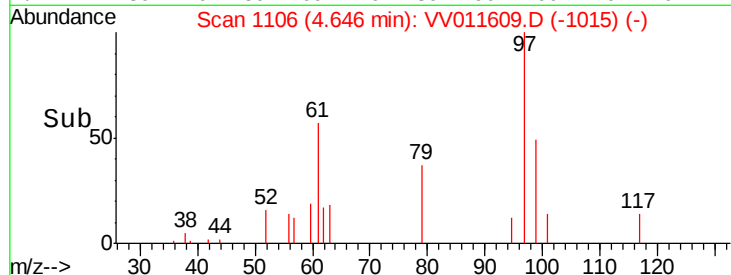
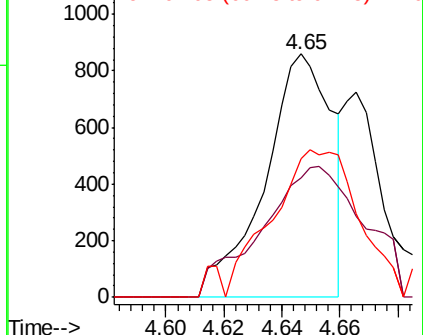
#29
 1,1,1-Trichloroethane
 Concen: 0.070 ug/L
 RT: 4.65 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM8

Tgt Ion: 97 Resp: 1380
 Ion Ratio Lower Upper
 97 100
 99 81.6 51.6 77.4#
 61 78.9 40.4 60.6#

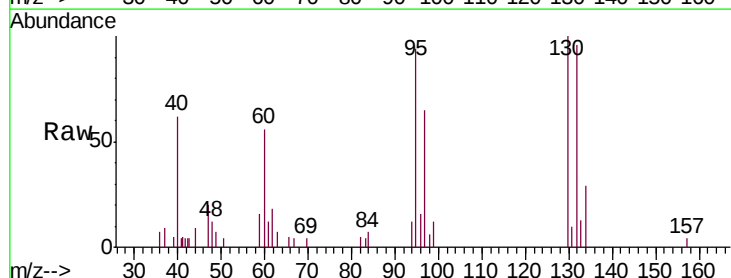


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

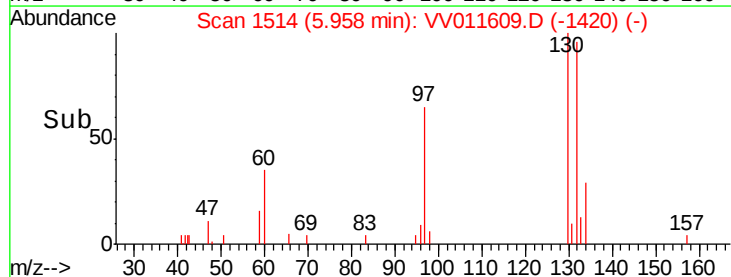
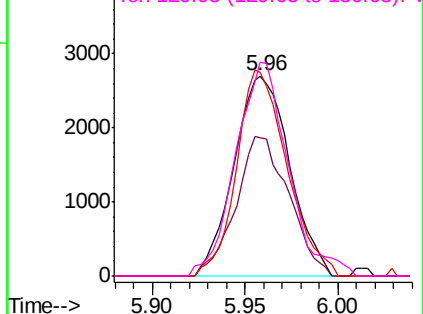


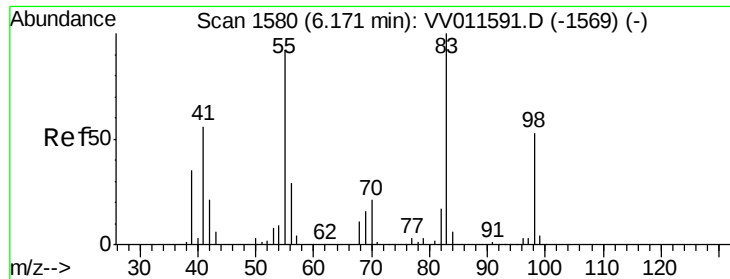
#34
 Trichloroethene
 Concen: 0.425 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Tgt Ion: 95 Resp: 5653
 Ion Ratio Lower Upper
 95 100
 97 69.1 44.4 82.4
 132 102.2 63.5 117.9
 130 106.9 68.5 127.3



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): VV0
 Ion 129.95 (129.65 to 130.65): VV0

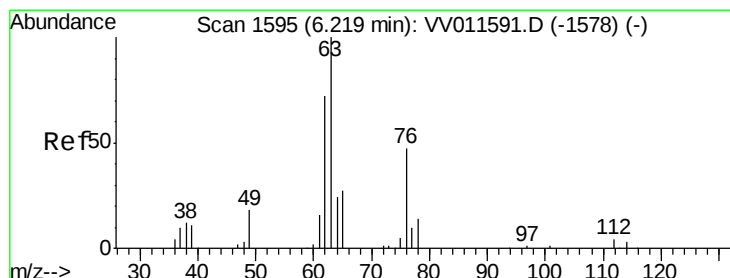
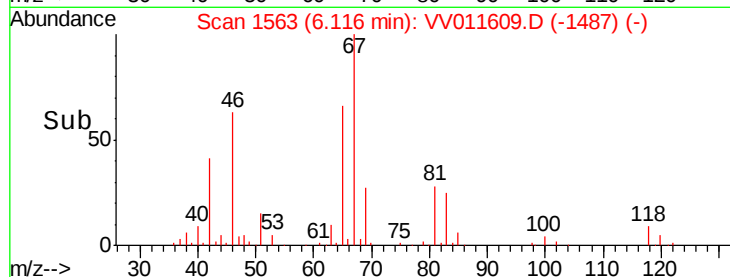
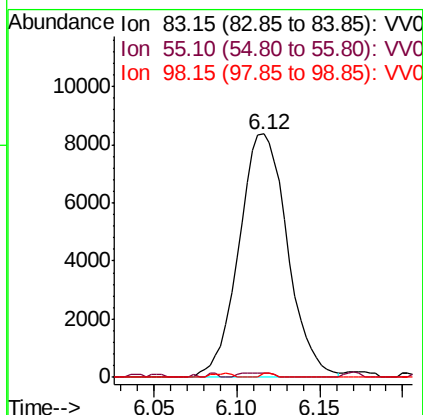
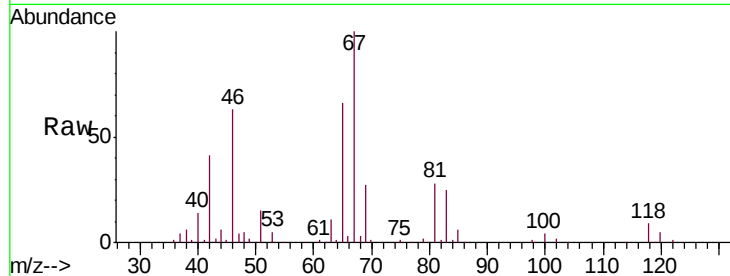




#35
Methylcyclohexane
Concen: 0.901 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011609.D
Acq: 19 Jun 2019 07:13

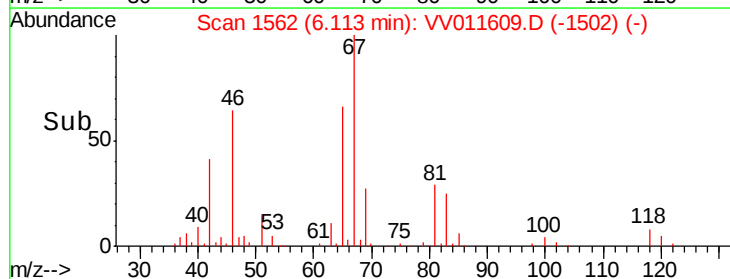
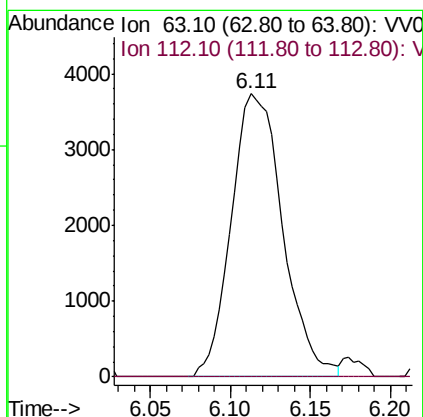
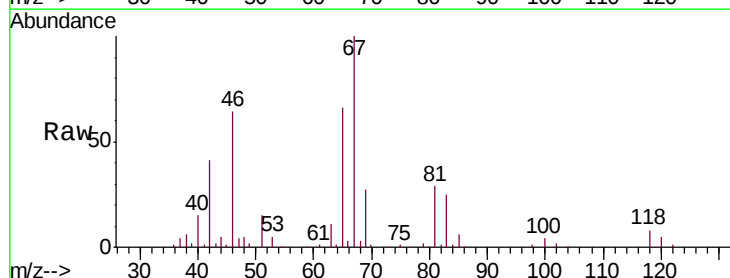
Instrument :
MSVOA_V
ClientSampleId :
BFCM8

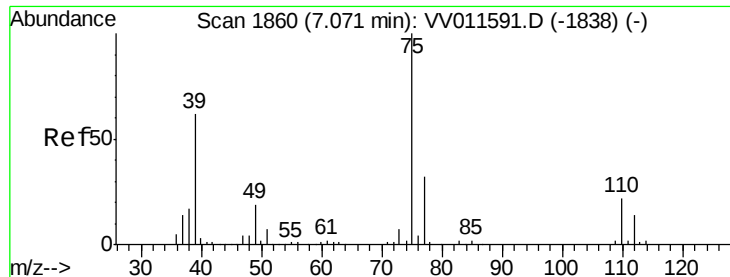
Tgt Ion: 83 Resp: 17072
Ion Ratio Lower Upper
83 100
55 1.2 67.9 101.9#
98 0.5 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011609.D
Acq: 19 Jun 2019 07:13

Tgt Ion: 63 Resp: 8240
Ion Ratio Lower Upper
63 100
112 0.6 3.7 5.5#

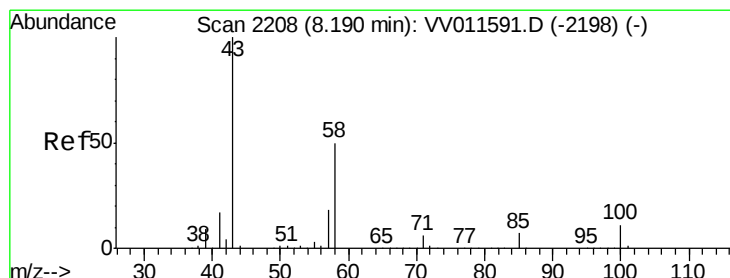
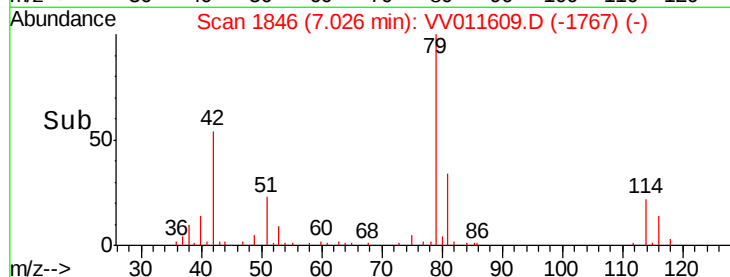
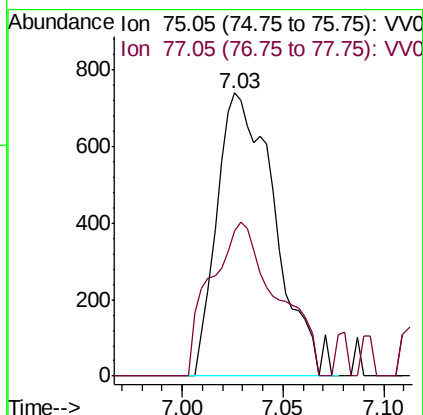
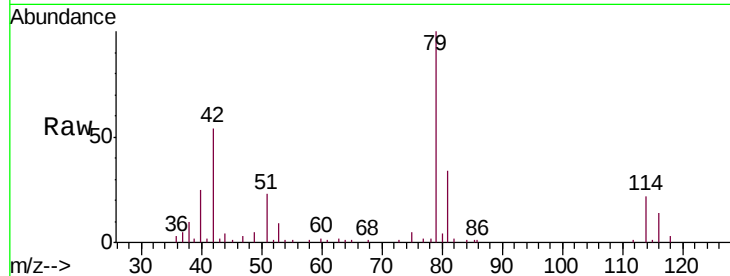




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCM8

Tgt Ion: 75 Resp: 1479
 Ion Ratio Lower Upper
 75 100
 77 51.1 20.6 38.4#



#48
 2-Hexanone
 Concen: 2.874 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV011609.D
 Acq: 19 Jun 2019 07:13

Tgt Ion: 43 Resp: 19970
 Ion Ratio Lower Upper
 43 100
 58 37.2 40.6 60.8#
 57 28.8 14.2 21.4#
 100 1.6 8.6 12.8#

