

Data File : VV011587.D
Acq On : 18 Jun 2019 20:46
Operator : SY/MD
Sample : K3381-10
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFCSS8

Quant Time: Jun 19 02:14:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 19 02:08:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177090	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	162831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	62583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42091	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	1.58	69	35758	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.12	63	72079	2.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.60%#
20) 2-Butanone-d5	3.96	46	188123	50.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.00%
24) Chloroform-d	4.40	84	110616	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.08	65	68663	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.09	84	218237	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	70293	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	179760	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.67	79	18307	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	8.14	63	139666	47.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51972	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	61059	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

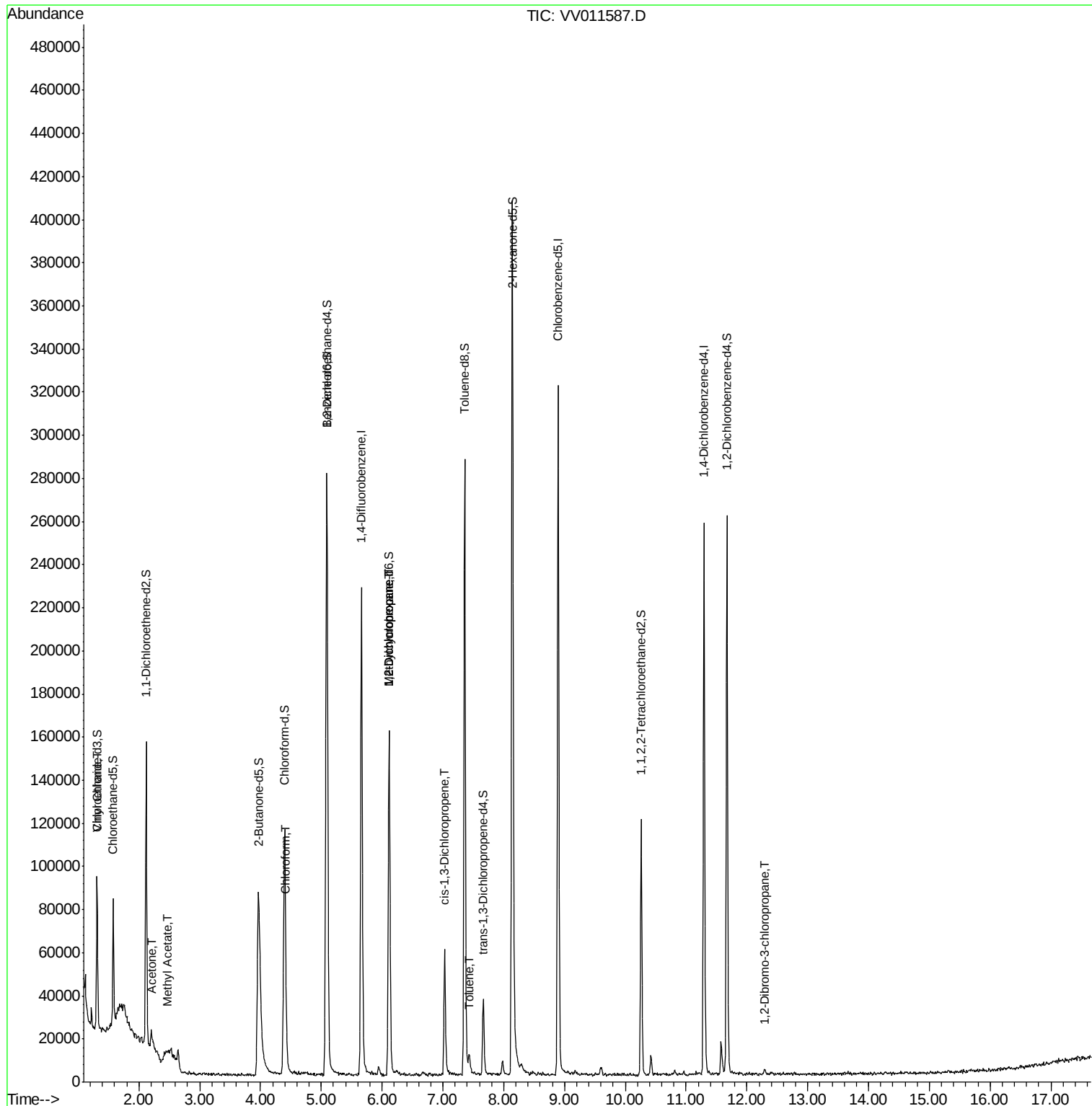
					Qvalue
8) Chloroethane	1.32	64	1512	0.185 ug/L	86
13) Acetone	2.23	43	6114	2.411 ug/L	77
15) Methyl Acetate	2.47	43	1255	0.187 ug/L #	86
25) Chloroform	4.42	83	3542	0.137 ug/L	92
35) Methylcyclohexane	6.12	83	16909	0.874 ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8831	0.624 ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	1626	0.091 ug/L #	59
42) Toluene	7.43	91	5244	0.095 ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.29	75	203	0.137 ug/L #	6

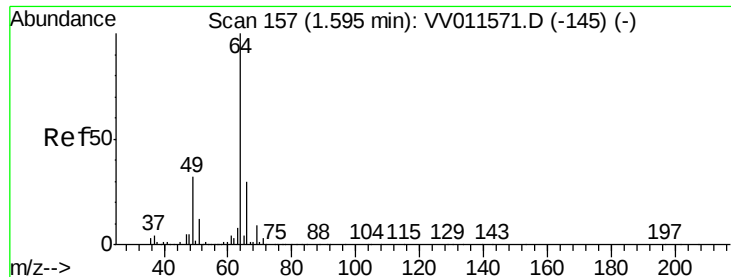
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 19 02:08:53 2019
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#8

Chloroethane

Concen: 0.185 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV011587.D

Acq: 18 Jun 2019 20:46

Instrument :

MSVOA_V

ClientSampleId :

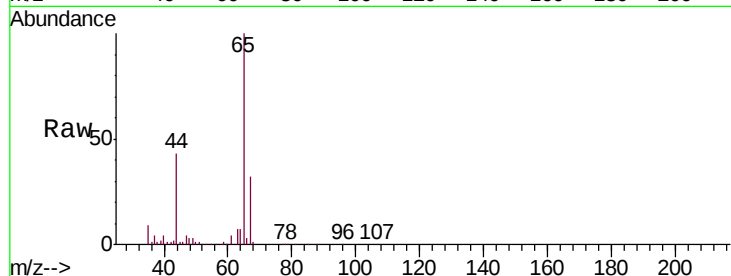
BFC8

Tgt Ion: 64 Resp: 1512

Ion Ratio Lower Upper

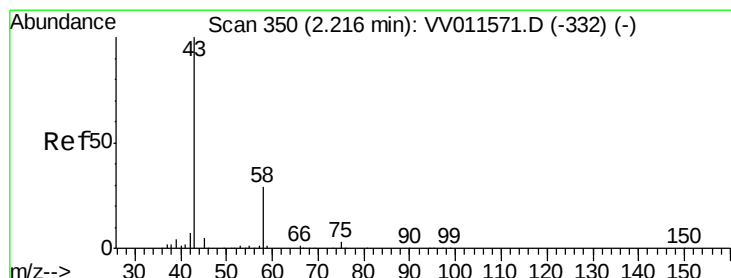
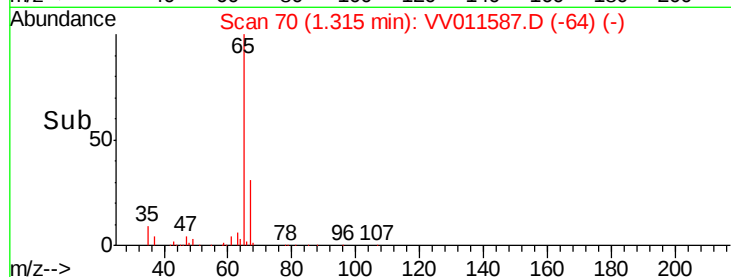
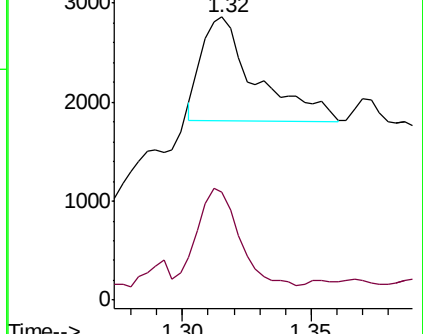
64 100

66 38.3 21.6 40.2



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 2.411 ug/L

RT: 2.23 min Scan# 353

Delta R.T. 0.01 min

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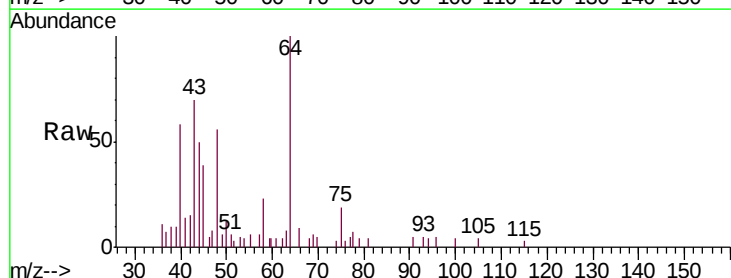
Acq: 18 Jun 2019 20:46

Tgt Ion: 43 Resp: 6114

Ion Ratio Lower Upper

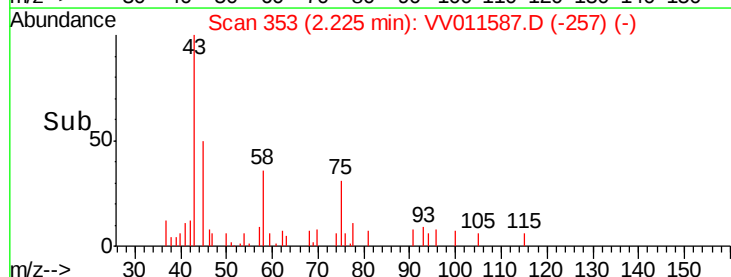
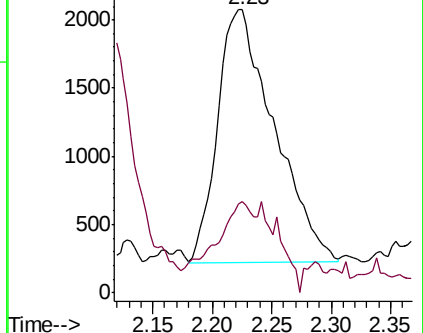
43 100

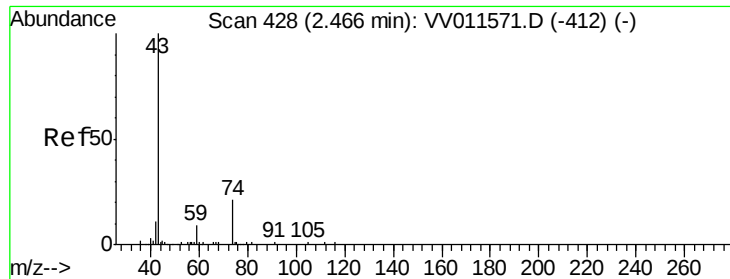
58 16.5 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

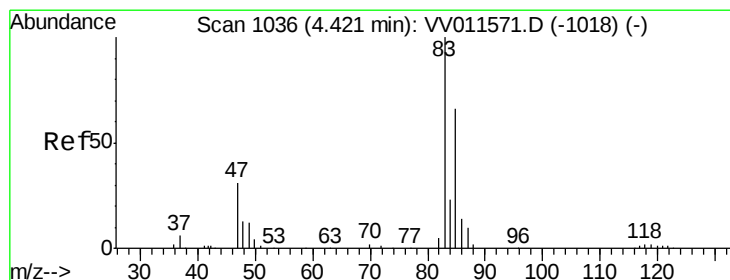
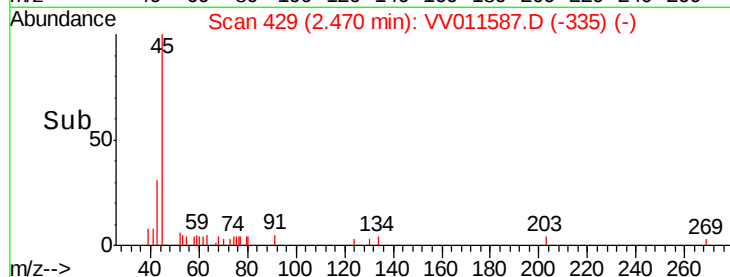
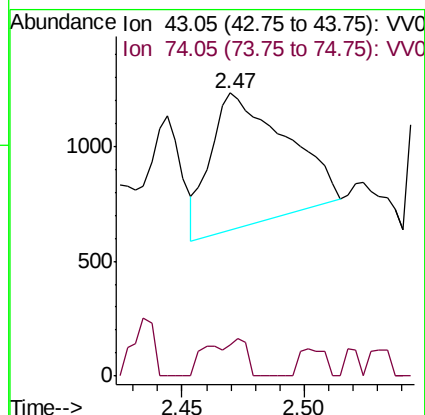
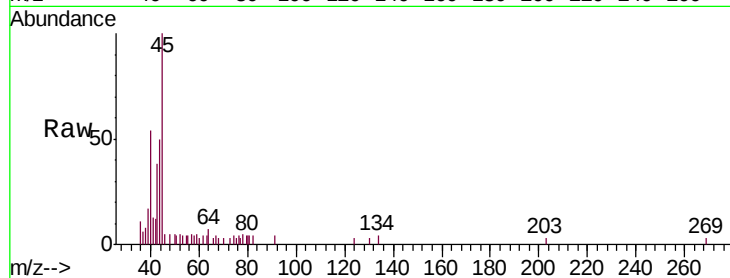




#15
Methyl Acetate
Concen: 0.187 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV011587.D
Acq: 18 Jun 2019 20:46

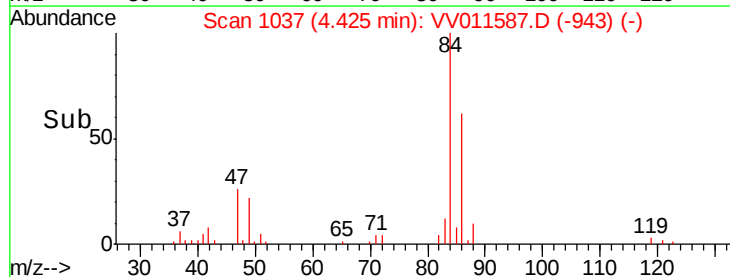
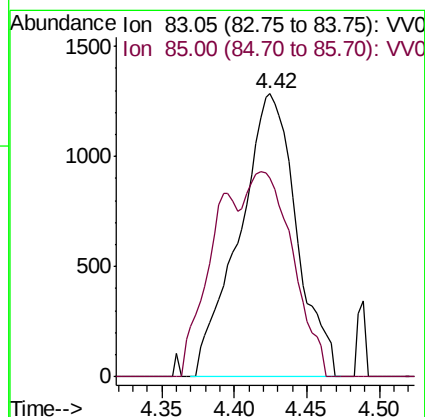
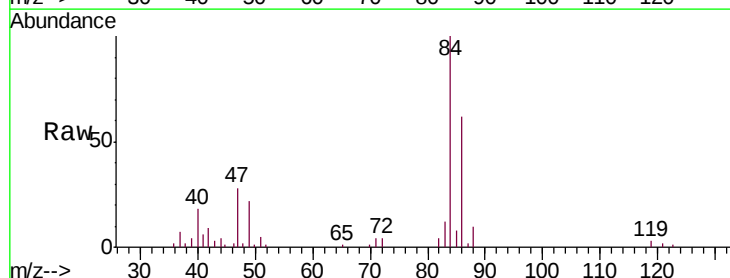
Instrument :
MSVOA_V
ClientSampled :
BFC8

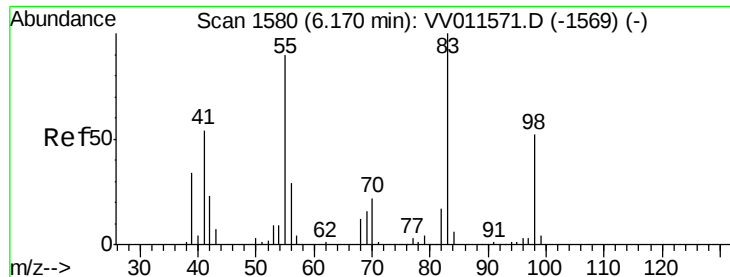
Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
74 14.2 16.5 24.7#



#25
Chloroform
Concen: 0.137 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011587.D
Acq: 18 Jun 2019 20:46

Tgt Ion: 83 Resp: 3542
Ion Ratio Lower Upper
83 100
85 70.2 44.6 82.8

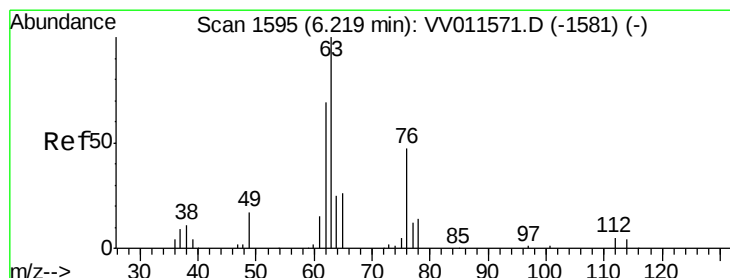
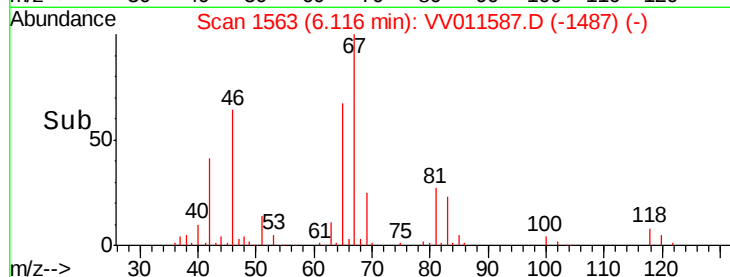
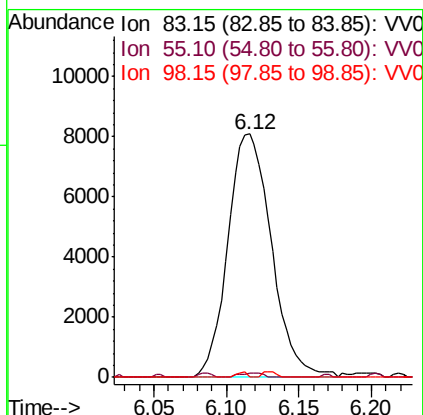
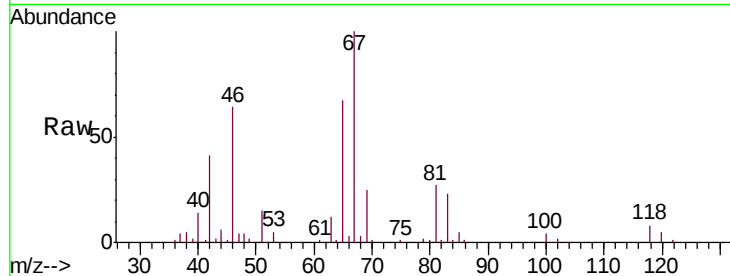




#35
Methylcyclohexane
Concen: 0.874 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011587.D
Acq: 18 Jun 2019 20:46

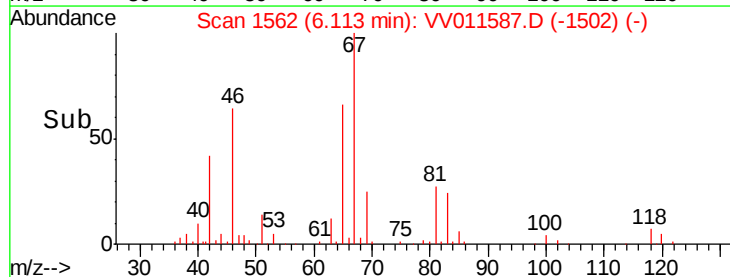
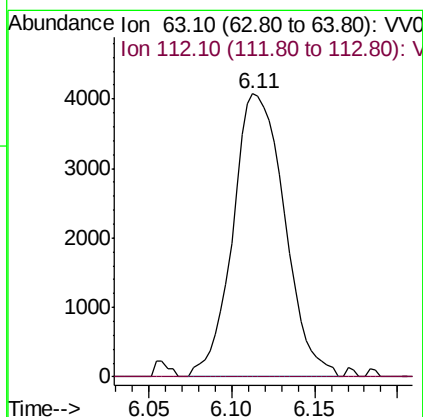
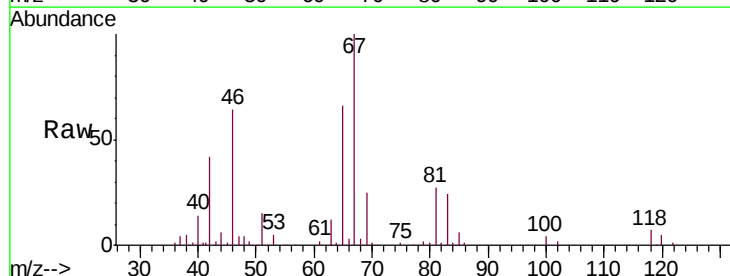
Instrument :
MSVOA_V
ClientSampled :
BFC58

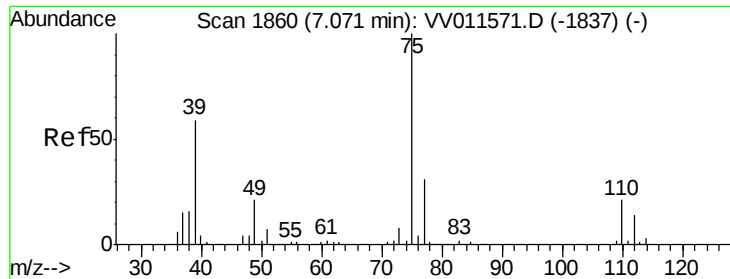
Tgt Ion: 83 Resp: 16909
Ion Ratio Lower Upper
83 100
55 0.9 67.9 101.9#
98 0.5 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.624 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011587.D
Acq: 18 Jun 2019 20:46

Tgt Ion: 63 Resp: 8831
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

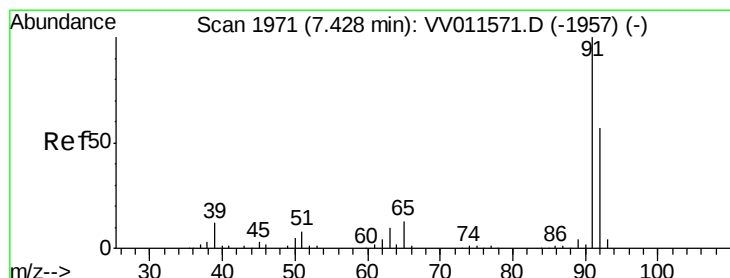
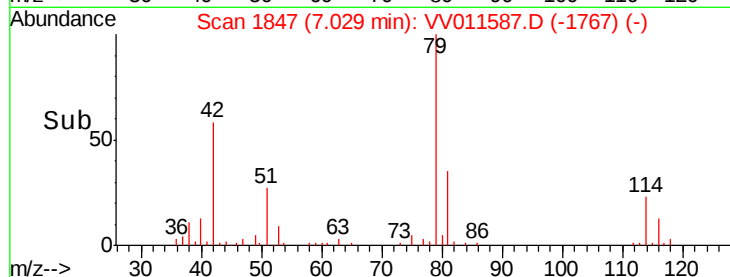
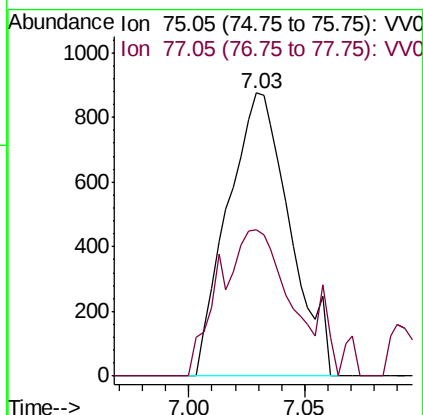
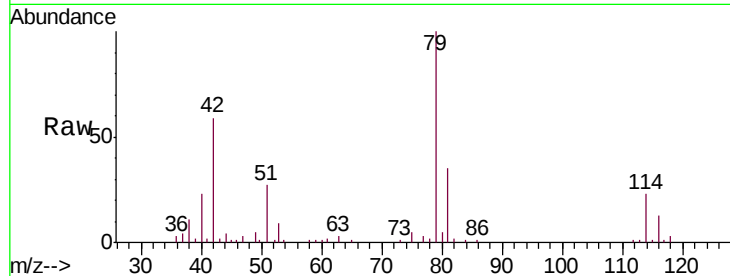




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011587.D
 Acq: 18 Jun 2019 20:46

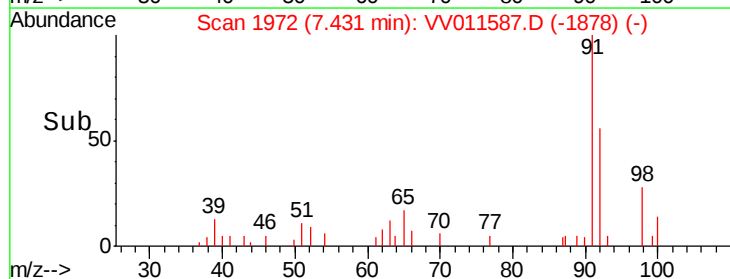
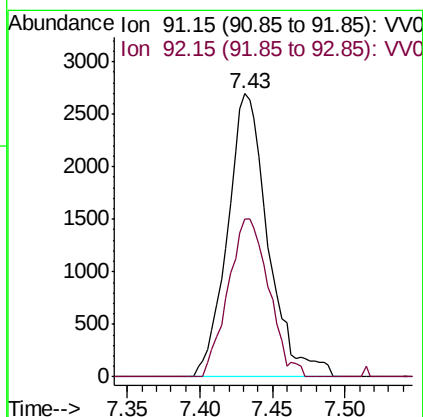
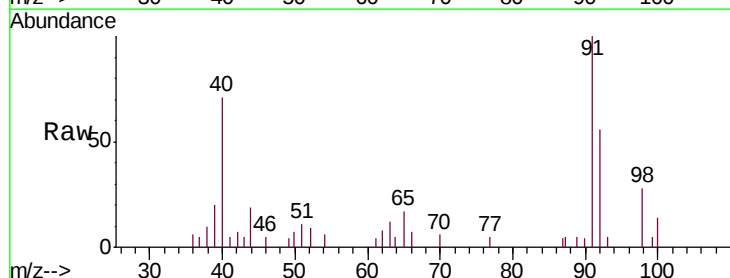
Instrument :
 MSVOA_V
 ClientSampleId :
 BFC8

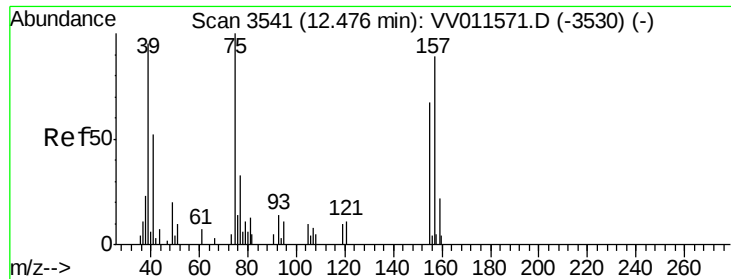
Tgt Ion: 75 Resp: 1626
 Ion Ratio Lower Upper
 75 100
 77 51.7 20.6 38.4#



#42
 Toluene
 Concen: 0.095 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV011587.D
 Acq: 18 Jun 2019 20:46

Tgt Ion: 91 Resp: 5244
 Ion Ratio Lower Upper
 91 100
 92 55.9 40.5 75.1





#66

1,2-Dibromo-3-chloropropane

Concen: 0.137 ug/L

RT: 12.29 min Scan# 3483

Delta R.T. -0.19 min

Lab File: VV011587.D

Acq: 18 Jun 2019 20:46

Instrument :

MSVOA_V

ClientSampleId :

BFCS8

Tgt Ion: 75 Resp: 203

Ion Ratio Lower Upper

75 100

155 0.0 58.5 87.7#

157 0.0 79.8 119.6#

