

Data File : VV009018.D
Acq On : 18 Dec 2018 17:14
Operator : SY/MD
Sample : J6418-07
Misc : 3.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF002

Quant Time: Dec 19 06:22:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	280246	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	236898	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77363	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	1.58	69	71504	33.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	133.48%
10) 1,1-Dichloroethene-d2	2.13	63	158152	21.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.24%
20) 2-Butanone-d5	3.94	46	44668	42.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.62%
24) Chloroform-d	4.40	84	182536	27.09	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.36%
26) 1,2-Dichloroethane-d4	5.08	65	110396	30.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.12%
29) Benzene-d6	5.10	84	373896	28.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	113.04%
33) 1,2-Dichloropropane-d6	6.12	67	110789	29.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	119.64%
37) Toluene-d8	7.36	98	336189	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.84%
38) trans-1,3-Dichloropropene-	7.67	79	44838	27.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.20%
39) 2-Hexanone-d5	8.14	63	25831	38.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.14%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74822	24.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	88504	26.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.88%

Target Compounds

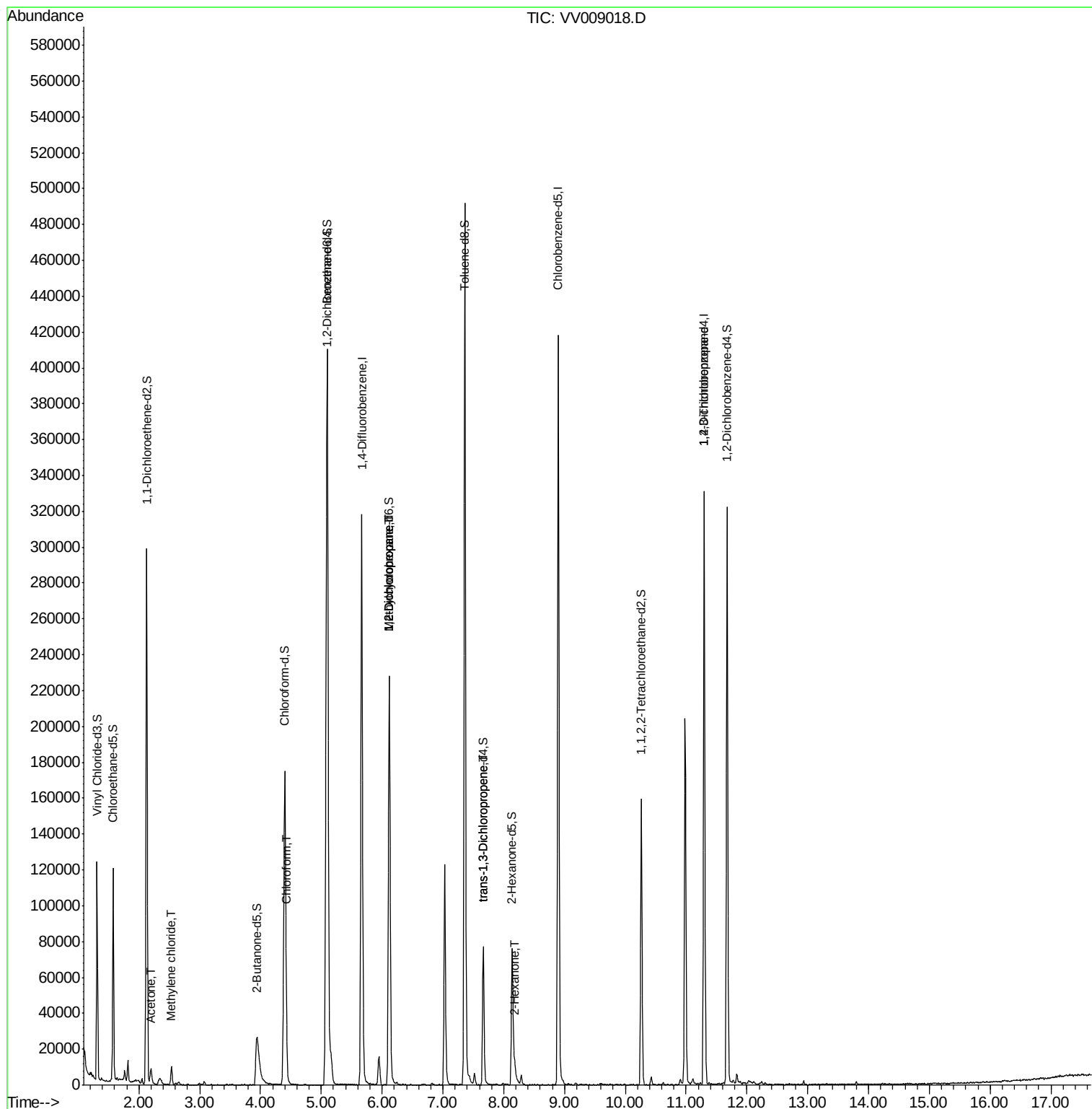
					Qvalue
13) Acetone	2.20	43	10031	6.448 ug/L	95
16) Methylene chloride	2.54	84	4654	0.986 ug/L	94
25) Chloroform	4.43	83	2805	0.413 ug/L #	17
36) Methylcyclohexane	6.12	83	28796	4.220 ug/L #	21
40) 1,2-Dichloropropane	6.12	63	12933	3.797 ug/L #	85
45) trans-1,3-Dichloropropene	7.67	75	2057	0.473 ug/L #	80
49) 2-Hexanone	8.19	43	4619	2.425 ug/L #	86
59) 1,2,3-Trichloropropane	11.30	75	10274	3.870 ug/L	92

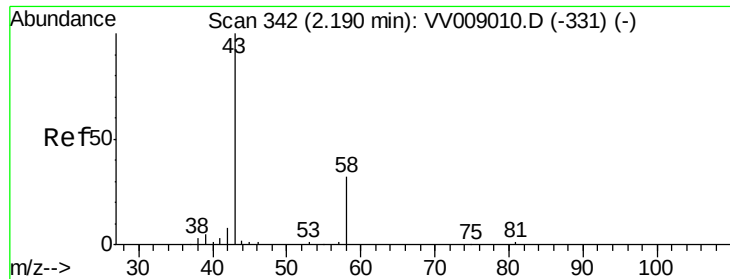
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.448 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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Acq: 18 Dec 2018 17:14

Instrument :

MSVOA_V

ClientSampleId :

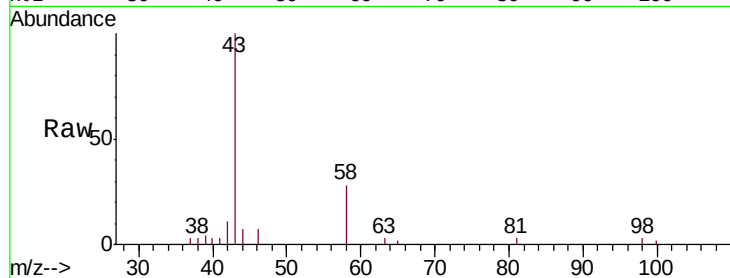
BF002

Tgt Ion: 43 Resp: 10031

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009018.D (-345) (-)

Ion 58.00 (57.70 to 58.70): VV009018.D (-345) (-)

2.20

5000

4000

3000

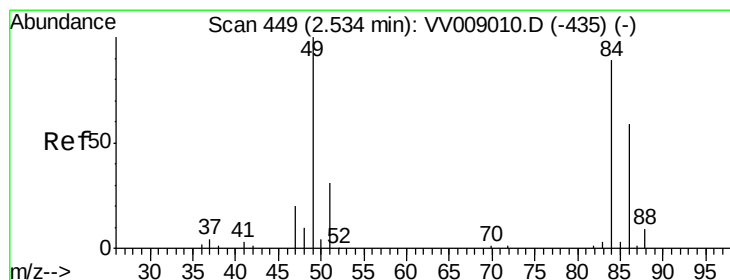
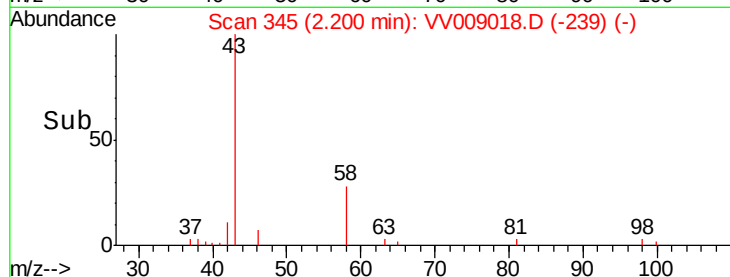
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 0.986 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009018.D

Acq: 18 Dec 2018 17:14

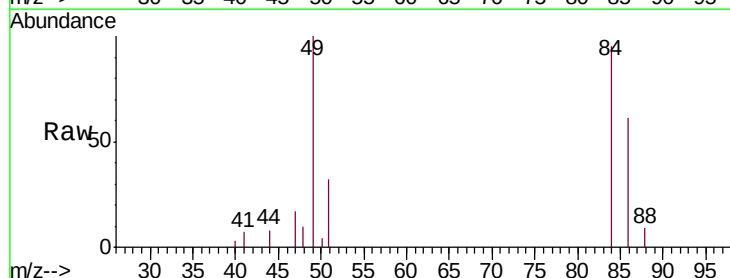
Tgt Ion: 84 Resp: 4654

Ion Ratio Lower Upper

84 100

49 104.8 80.5 149.5

86 64.1 45.5 84.5



Abundance Ion 84.00 (83.70 to 84.70): VV009018.D (-346) (-)

Ion 49.00 (48.70 to 49.70): VV009018.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009018.D (-346) (-)

2.54

4000

3000

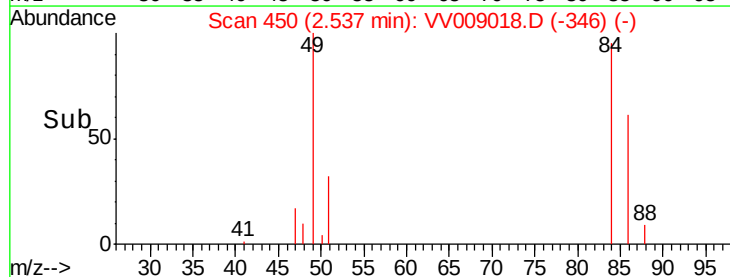
2000

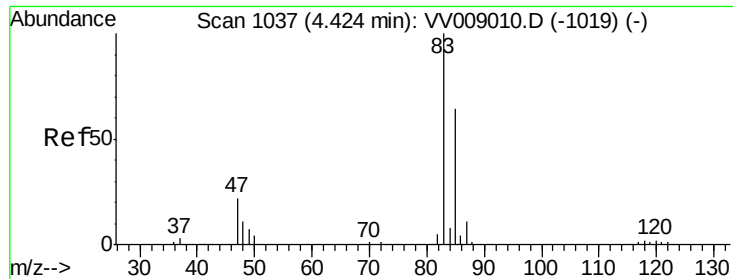
1000

0

Time-->

2.50 2.55

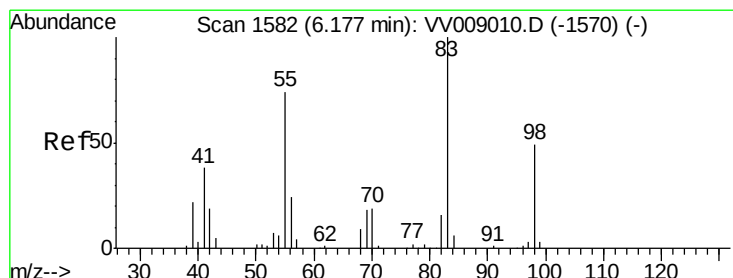
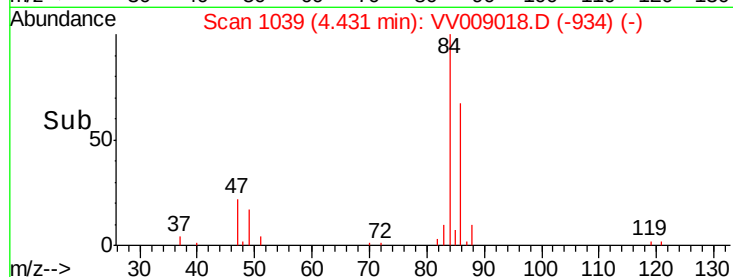
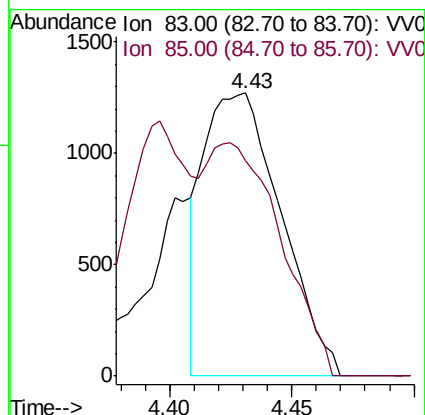
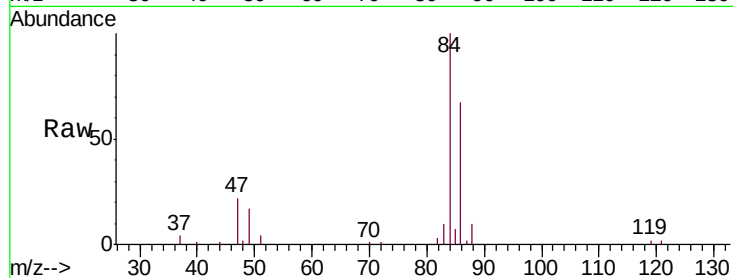




#25
Chloroform
Concen: 0.413 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009018.D
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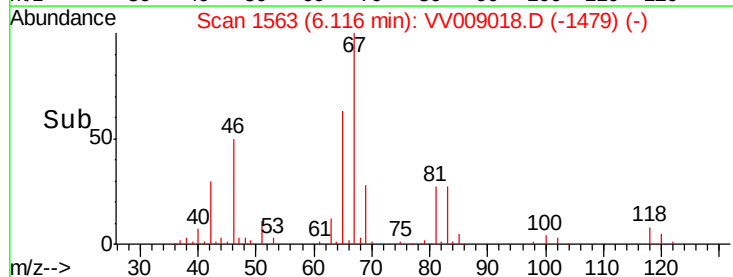
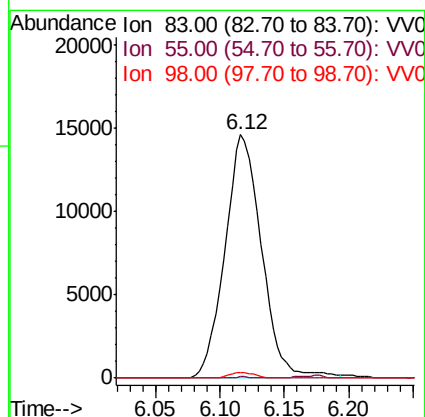
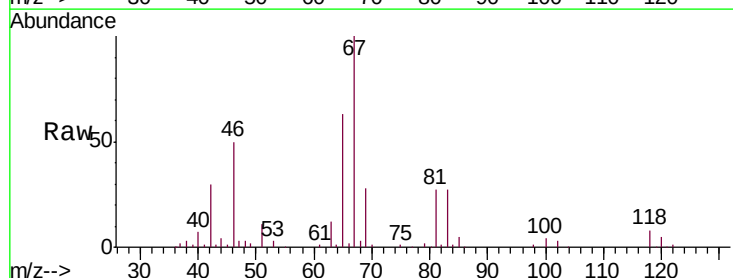
Instrument :
MSVOA_V
ClientSampled :
BF002

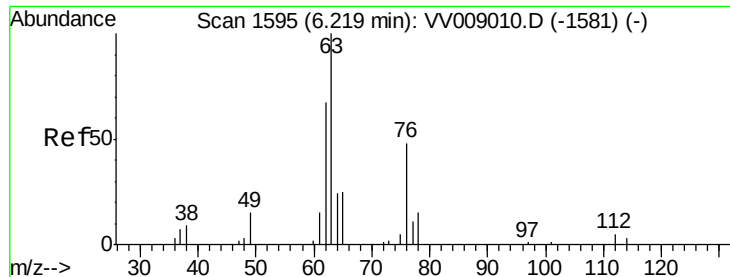
Tgt Ion: 83 Resp: 2805
Ion Ratio Lower Upper
83 100
85 0.0 45.6 84.8#



#36
Methylcyclohexane
Concen: 4.220 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009018.D
Acq: 18 Dec 2018 17:14

Tgt Ion: 83 Resp: 28796
Ion Ratio Lower Upper
83 100
55 0.2 58.2 87.2#
98 1.5 37.8 56.8#

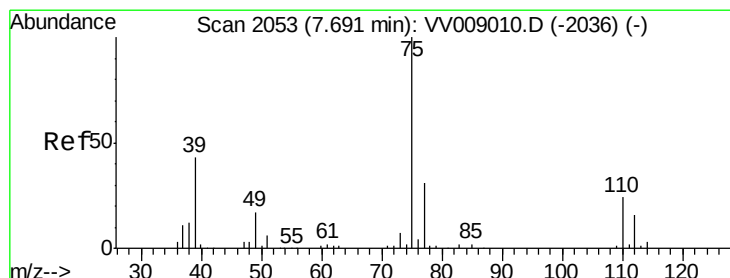
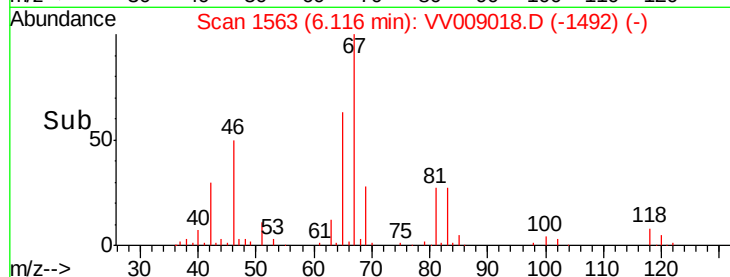
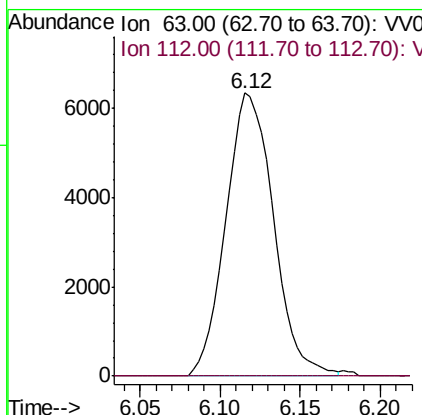
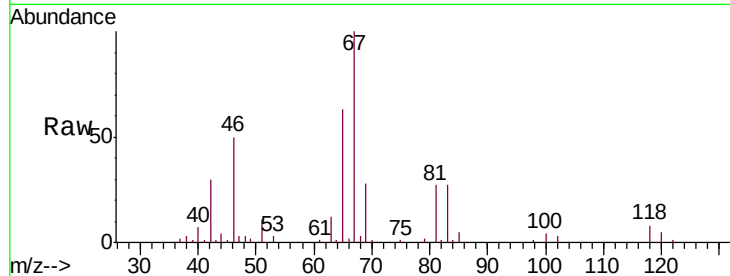




#40
 1,2-Dichloropropane
 Concen: 3.797 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009018.D
 Acq: 18 Dec 2018 17:14

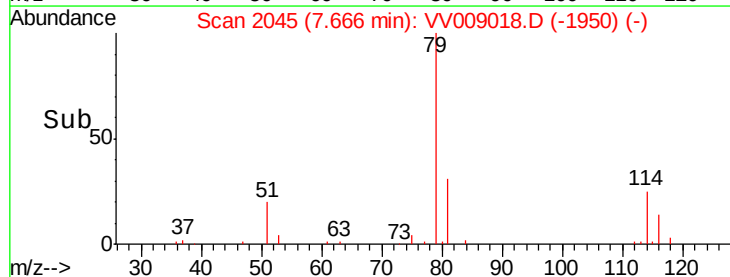
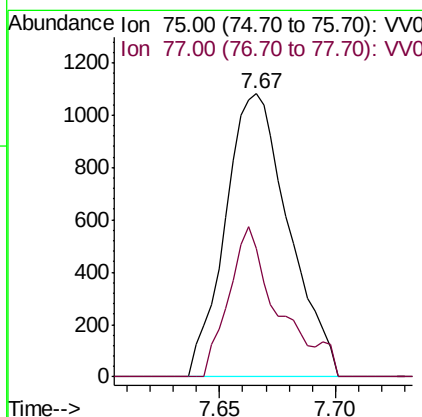
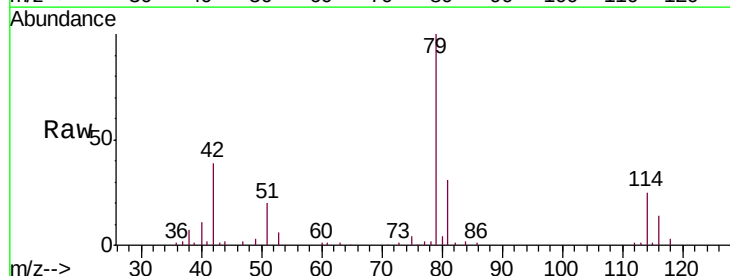
Instrument :
 MSVOA_V
 ClientSampled :
 BF002

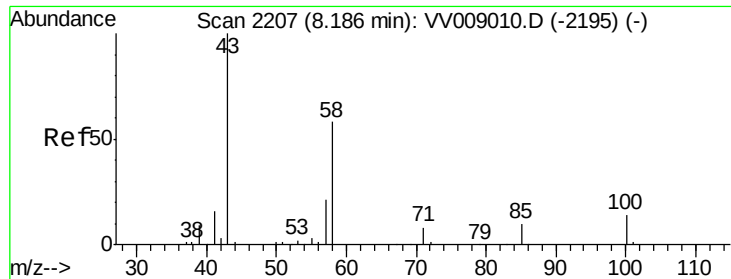
Tgt Ion: 63 Resp: 12933
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#45
 trans-1,3-Dichloropropene
 Concen: 0.473 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.03 min
 Lab File: VV009018.D
 Acq: 18 Dec 2018 17:14

Tgt Ion: 75 Resp: 2057
 Ion Ratio Lower Upper
 75 100
 77 45.2 23.6 43.8#

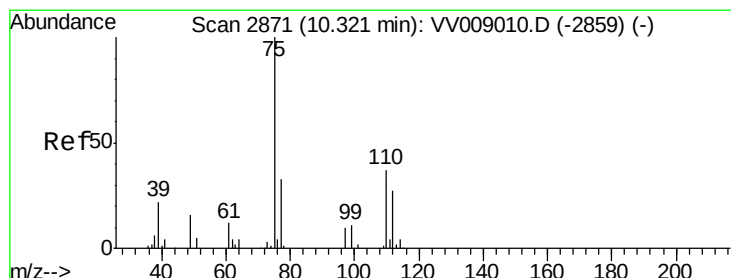
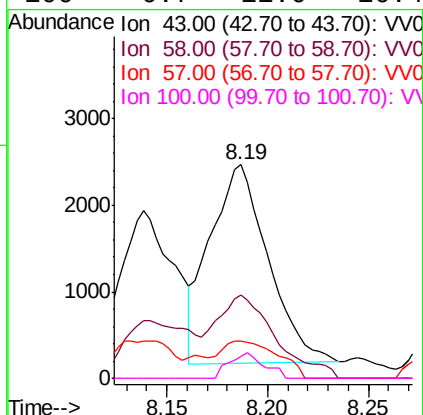
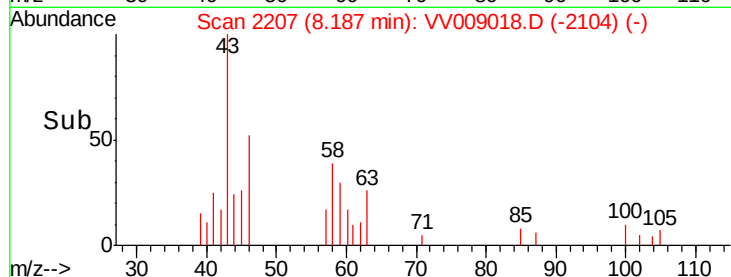
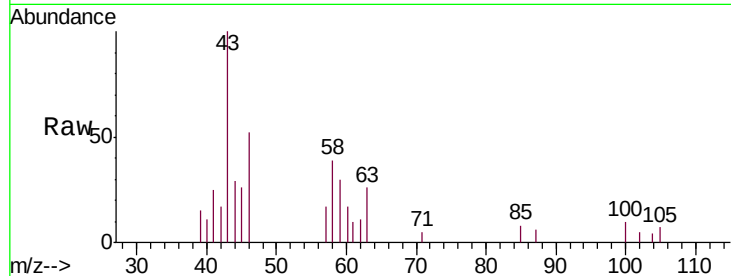




#49
2-Hexanone
Concen: 2.425 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009018.D
Acq: 18 Dec 2018 17:14

Instrument :
MSVOA_V
ClientSampleId :
BF002

Tgt Ion: 43 Resp: 4619
Ion Ratio Lower Upper
43 100
58 42.7 43.9 65.9#
57 18.6 15.7 23.5
100 6.7 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 3.870 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009018.D
Acq: 18 Dec 2018 17:14

Tgt Ion: 75 Resp: 10274
Ion Ratio Lower Upper
75 100
77 36.2 25.6 38.4

