

Data File : VV009667.D
Acq On : 14 Mar 2019 15:53
Operator : SY/MD
Sample : K1885-04
Misc : 4.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF188

Quant Time: Mar 15 05:27:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	138471	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	133299	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58319	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43231	24.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.68%
7) Chloroethane-d5	1.56	69	43454	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
10) 1,1-Dichloroethene-d2	2.12	63	90433	18.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.56%
20) 2-Butanone-d5	3.93	46	24304	52.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.80%
24) Chloroform-d	4.40	84	81121	22.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.08	65	52595	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	5.10	84	181599	25.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.88%
33) 1,2-Dichloropropane-d6	6.12	67	54219	26.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.16%
37) Toluene-d8	7.36	98	173239	25.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.44%
38) trans-1,3-Dichloropropene-	7.66	79	22318	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.08%
39) 2-Hexanone-d5	8.13	63	18267	48.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.10%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48852	25.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.00%
61) 1,2-Dichlorobenzene-d4	11.67	152	55016	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

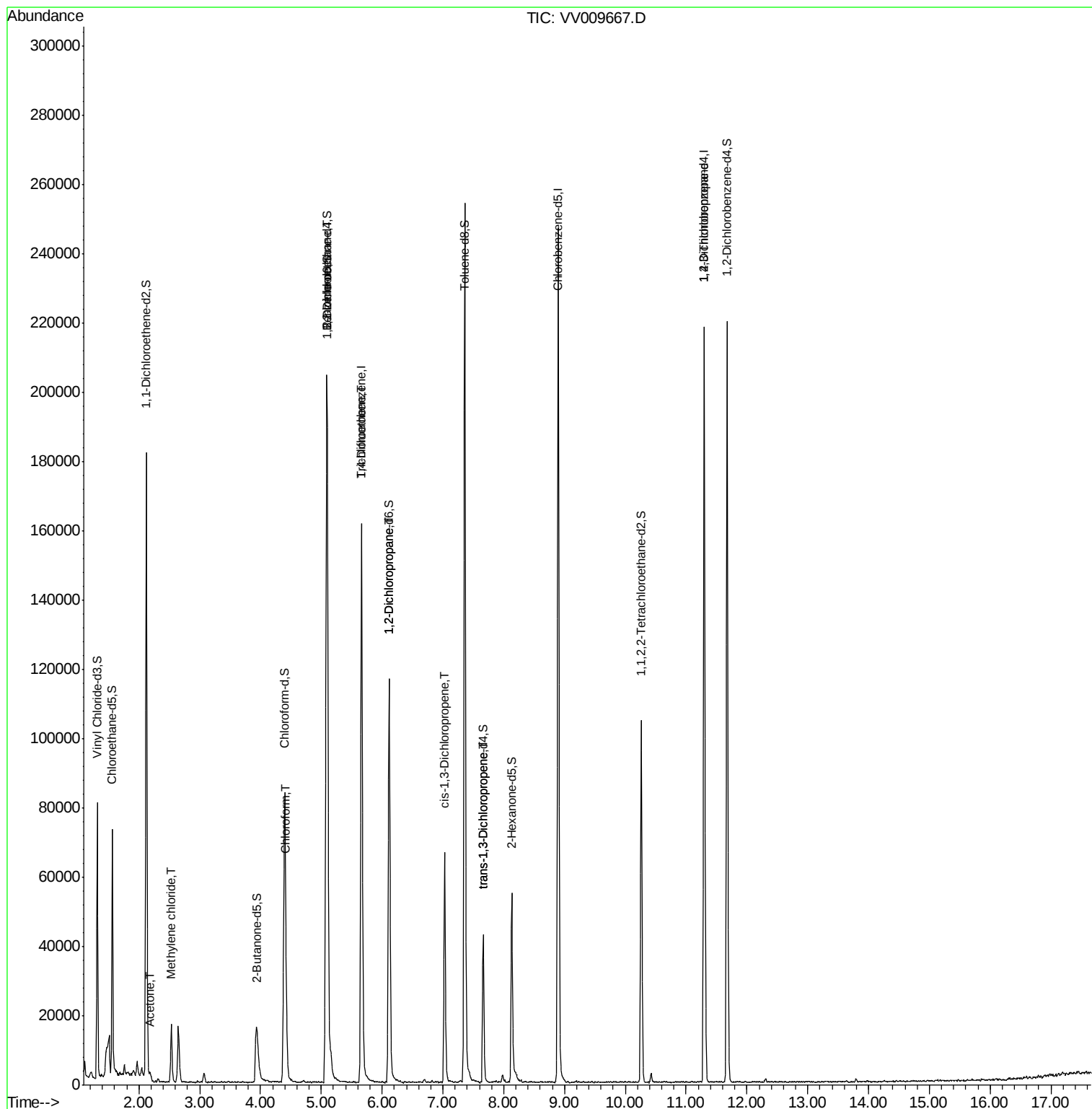
					Qvalue
13) Acetone	2.19	43	1513	2.706 ug/L	68
16) Methylene chloride	2.53	84	6655	3.301 ug/L	91
25) Chloroform	4.42	83	7831	2.177 ug/L	91
27) 1,2-Dichloroethane	5.09	62	908	0.366 ug/L #	75
35) Trichloroethene	5.66	95	4523	2.156 ug/L #	5
40) 1,2-Dichloropropane	6.12	63	6610	3.600 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	2098	0.753 ug/L	85
45) trans-1,3-Dichloropropene	7.66	75	1251	0.520 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	7870	5.512 ug/L #	87

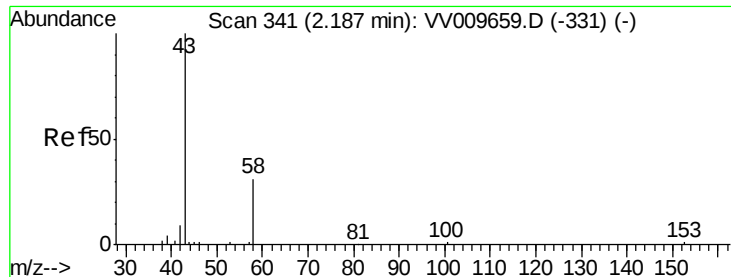
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009667.D
Acq On : 14 Mar 2019 15:53
Operator : SY/MD
Sample : K1885-04
Misc : 4.98G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF188

Quant Time: Mar 15 05:27:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.706 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV009667.D

Acq: 14 Mar 2019 15:53

Instrument :

MSVOA_V

ClientSampleId :

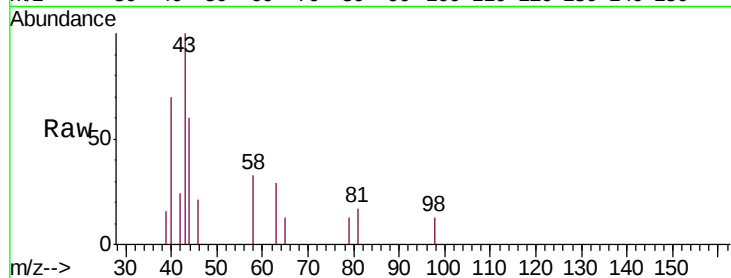
BF188

Tgt Ion: 43 Resp: 1513

Ion Ratio Lower Upper

43 100

58 14.6 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VV009659.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009659.D (-331) (-)

2.19

800

600

400

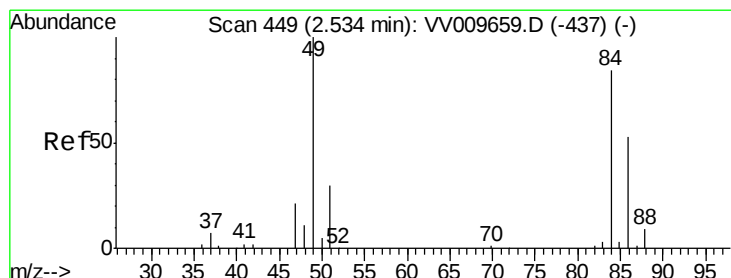
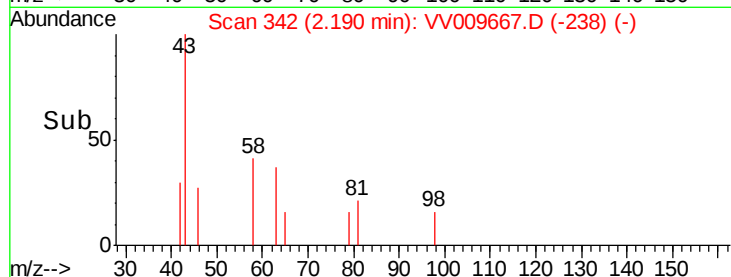
200

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 3.301 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009667.D

Acq: 14 Mar 2019 15:53

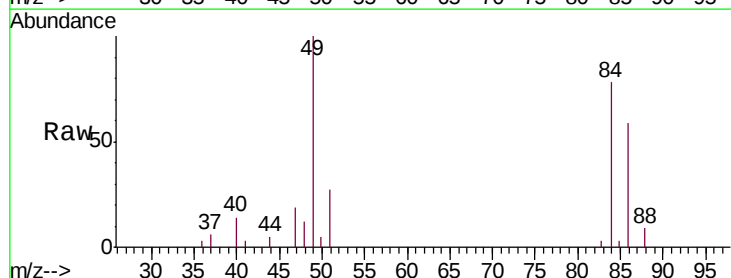
Tgt Ion: 84 Resp: 6655

Ion Ratio Lower Upper

84 100

49 129.0 86.1 159.9

86 76.2 45.2 84.0



Abundance Ion 84.00 (83.70 to 84.70): VV009659.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009659.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009659.D (-437) (-)

6000

4000

2000

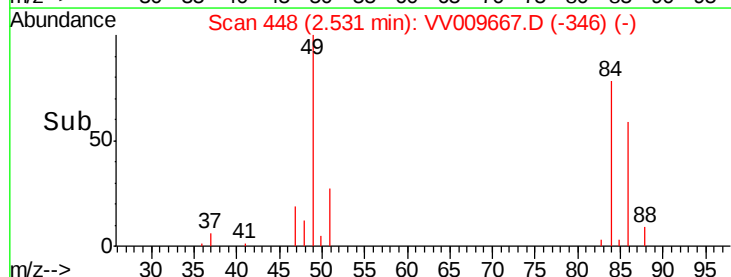
0

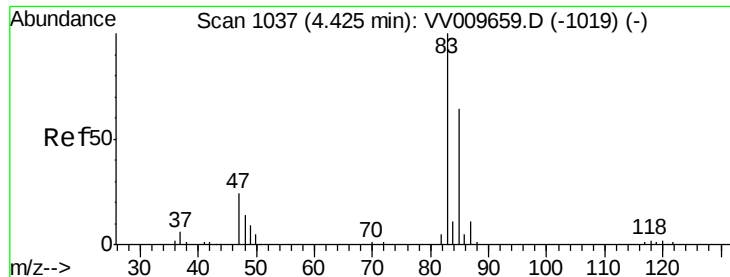
2.50

2.55

2.60

Time-->

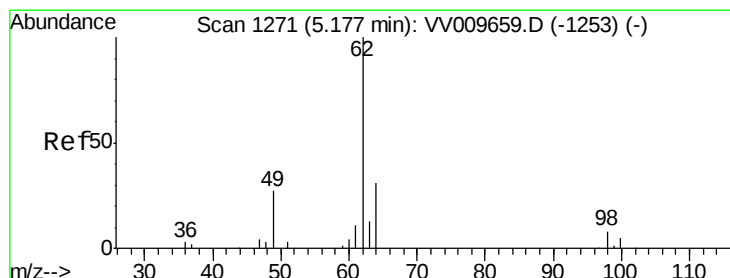
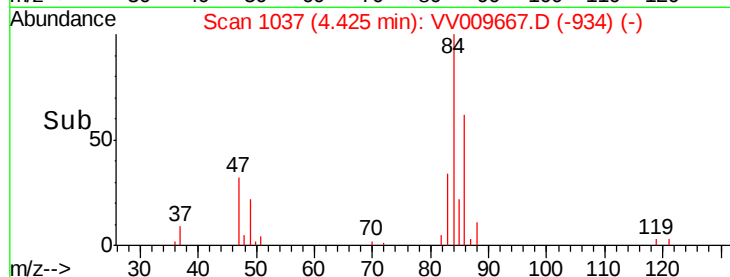
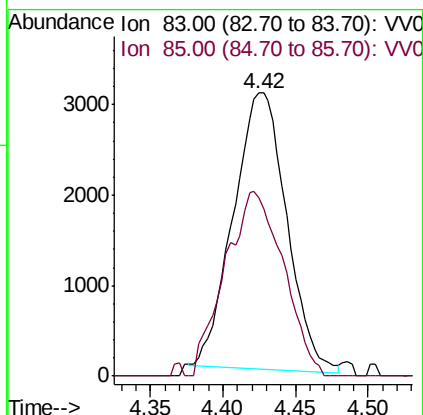
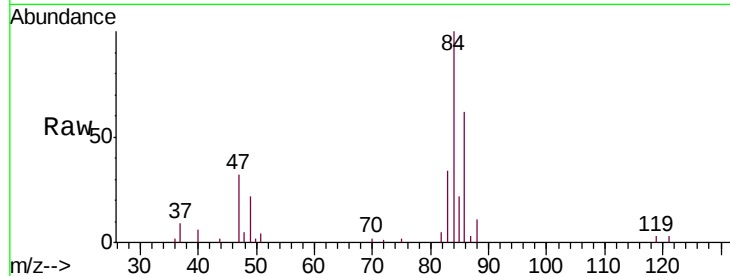




#25
Chloroform
Concen: 2.177 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009667.D
Acq: 14 Mar 2019 15:53

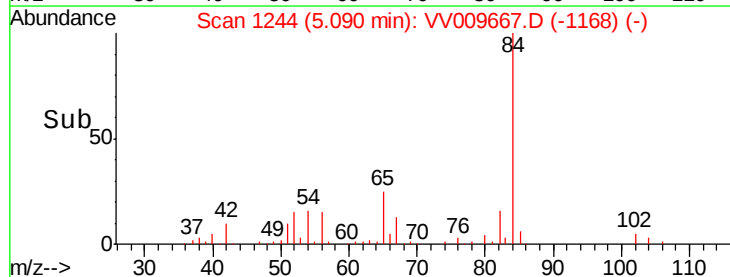
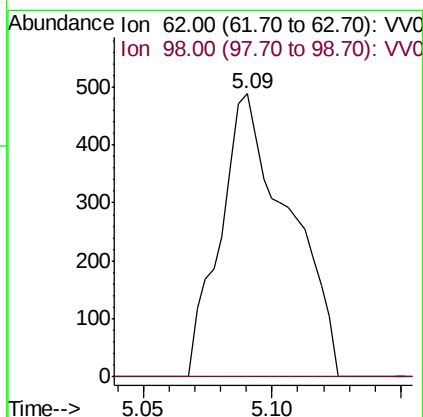
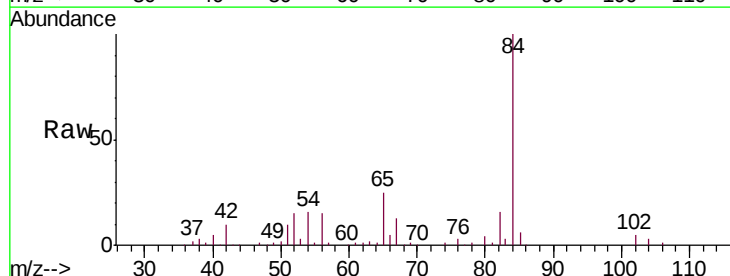
Instrument :
MSVOA_V
ClientSampled :
BF188

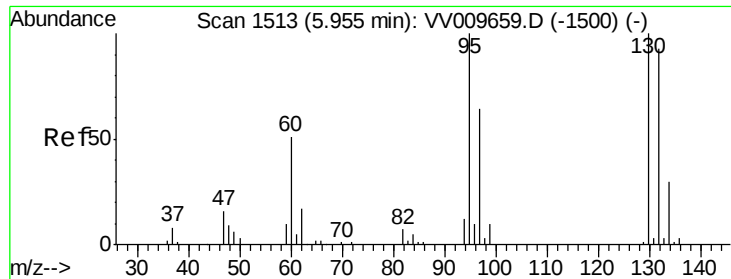
Tgt Ion: 83 Resp: 7831
Ion Ratio Lower Upper
83 100
85 73.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.366 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV009667.D
Acq: 14 Mar 2019 15:53

Tgt Ion: 62 Resp: 908
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

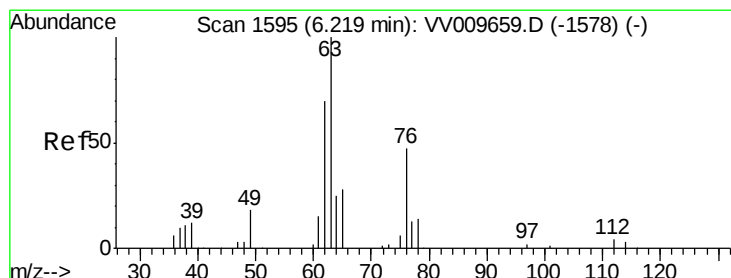
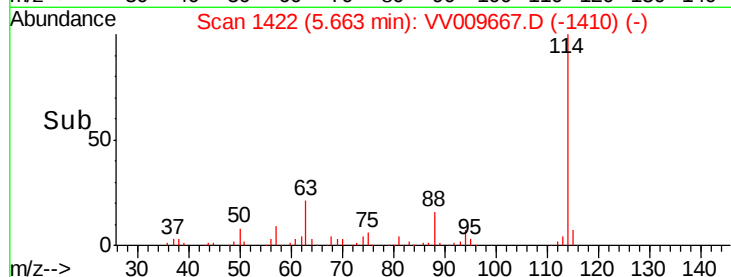
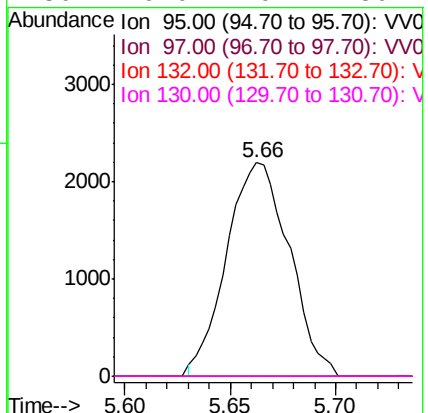
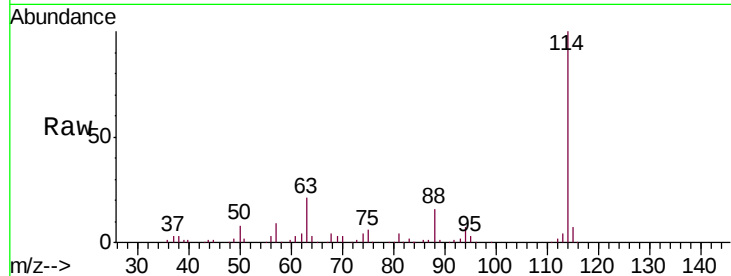




#35
 Trichloroethene
 Concen: 2.156 ug/L
 RT: 5.66 min Scan# 1422
 Delta R.T. -0.29 min
 Lab File: VV009667.D
 Acq: 14 Mar 2019 15:53

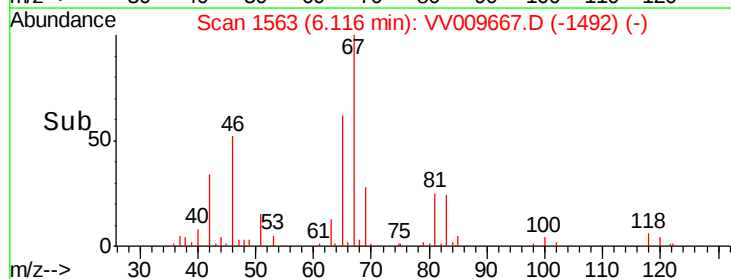
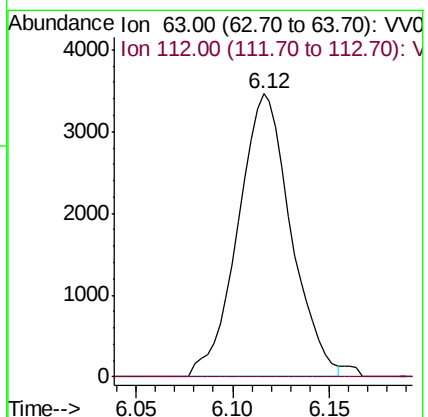
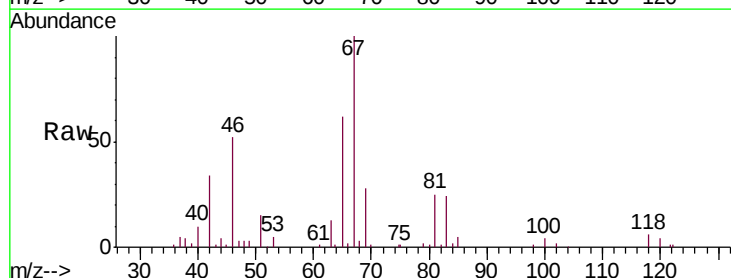
Instrument :
 MSVOA_V
 ClientSampleId :
 BF188

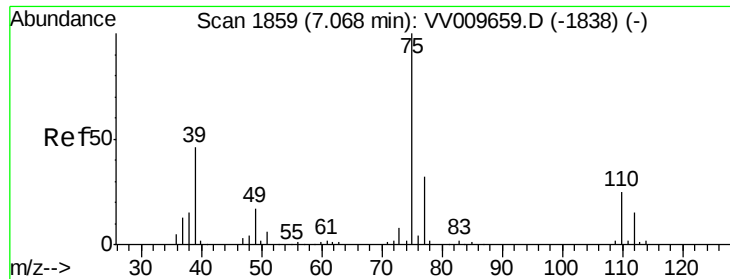
Tgt Ion: 95 Resp: 4523
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#40
 1,2-Dichloropropane
 Concen: 3.600 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV009667.D
 Acq: 14 Mar 2019 15:53

Tgt Ion: 63 Resp: 6610
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#

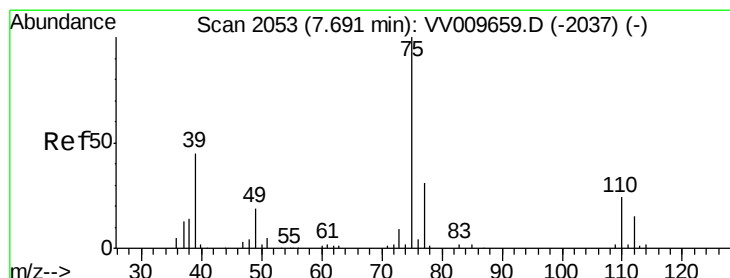
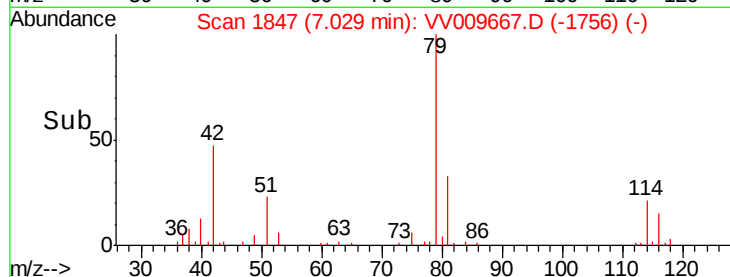
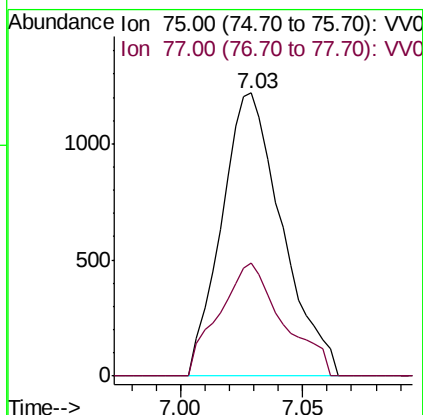
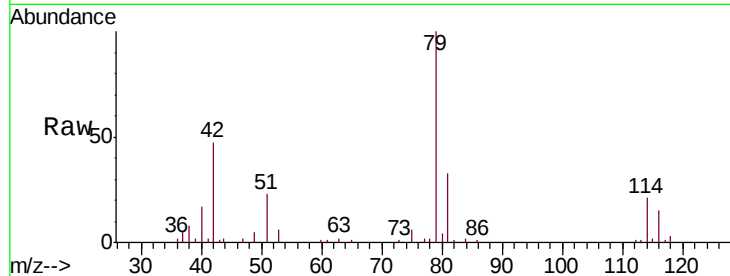




#42
 cis-1,3-Dichloropropene
 Concen: 0.753 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009667.D
 Acq: 14 Mar 2019 15:53

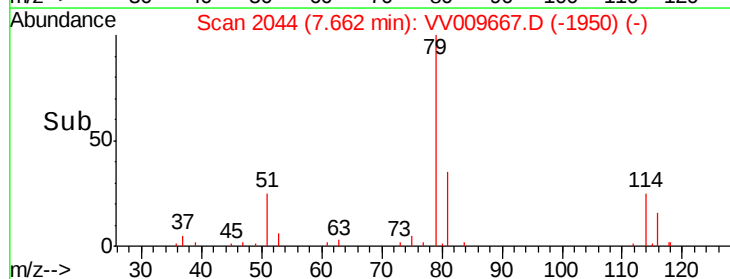
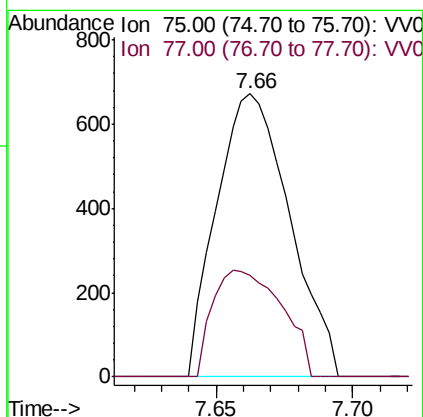
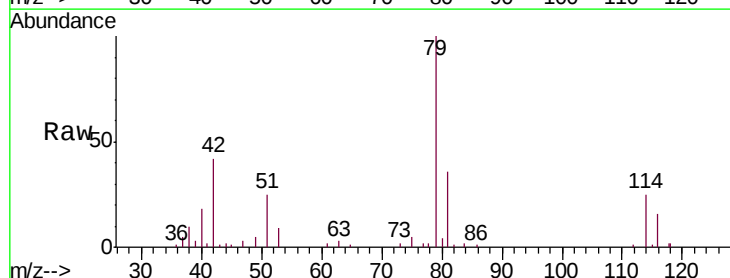
Instrument :
 MSVOA_V
 ClientSampled :
 BF188

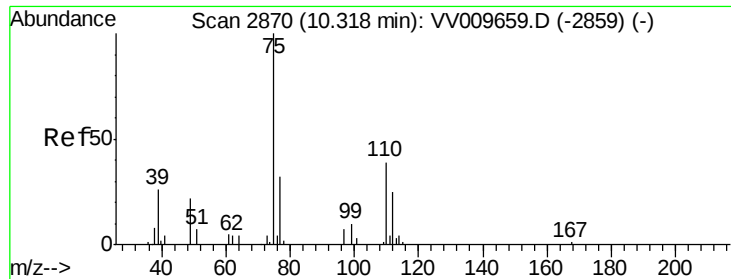
Tgt Ion: 75 Resp: 2098
 Ion Ratio Lower Upper
 75 100
 77 39.7 22.0 40.8



#45
 trans-1,3-Dichloropropene
 Concen: 0.520 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV009667.D
 Acq: 14 Mar 2019 15:53

Tgt Ion: 75 Resp: 1251
 Ion Ratio Lower Upper
 75 100
 77 35.7 22.0 40.8





#59

1,2,3-Trichloropropane

Concen: 5.512 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009667.D

Acq: 14 Mar 2019 15:53

Instrument :

MSVOA_V

ClientSampleId :

BF188

Tgt Ion: 75 Resp: 7870

Ion Ratio Lower Upper

75 100

77 39.0 25.3 37.9#

