

Data File : VV009649.D
Acq On : 13 Mar 2019 21:23
Operator : SY/MD
Sample : K1794-12
Misc : 4.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N1

Quant Time: Mar 14 07:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	77256	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	45306	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	8733	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21197	21.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.84%
7) Chloroethane-d5	1.57	69	26190	21.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.96%
10) 1,1-Dichloroethene-d2	2.13	63	45332	16.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.92%
20) 2-Butanone-d5	0.00	46	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
24) Chloroform-d	4.40	84	45324	23.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.04%
26) 1,2-Dichloroethane-d4	5.08	65	35960	32.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.08%
29) Benzene-d6	5.10	84	90065	37.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	151.60%#
33) 1,2-Dichloropropane-d6	6.12	67	33293	47.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	191.76%#
37) Toluene-d8	7.36	98	63133	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.84%
38) trans-1,3-Dichloropropene-	7.67	79	1457	4.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	18.28%#
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.00%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23108	35.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	140.56%#
61) 1,2-Dichlorobenzene-d4	11.68	152	8147	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

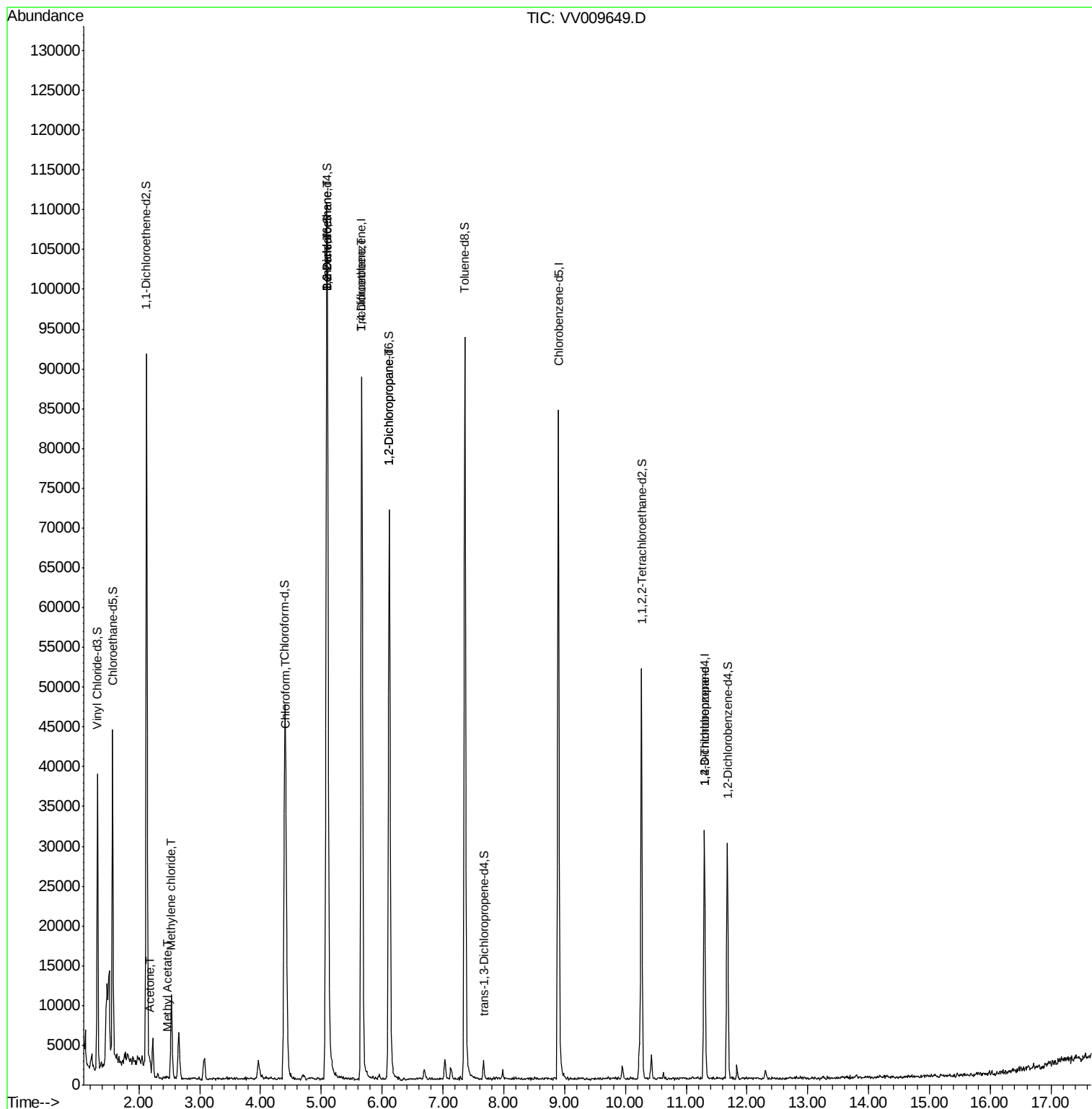
						Qvalue
13) Acetone	2.19	43	562	1.802	ug/L	94
15) Methyl Acetate	2.47	43	387	0.850	ug/L #	51
16) Methylene chloride	2.54	84	3818	3.395	ug/L	98
25) Chloroform	4.42	83	8399	4.184	ug/L	99
27) 1,2-Dichloroethane	5.10	62	602	0.434	ug/L #	75
34) Benzene	5.10	78	704	0.274	ug/L	100
35) Trichloroethene	5.66	95	2511	3.521	ug/L #	5
40) 1,2-Dichloropropane	6.12	63	3840	6.154	ug/L #	88
59) 1,2,3-Trichloropropane	11.30	75	1412	2.909	ug/L #	88

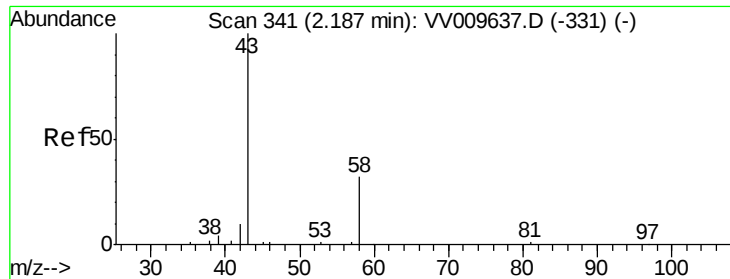
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009649.D
Acq On : 13 Mar 2019 21:23
Operator : SY/MD
Sample : K1794-12
Misc : 4.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5N1

Quant Time: Mar 14 07:41:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 14 07:37:27 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.802 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009649.D

Acq: 13 Mar 2019 21:23

Instrument :

MSVOA_V

ClientSampled :

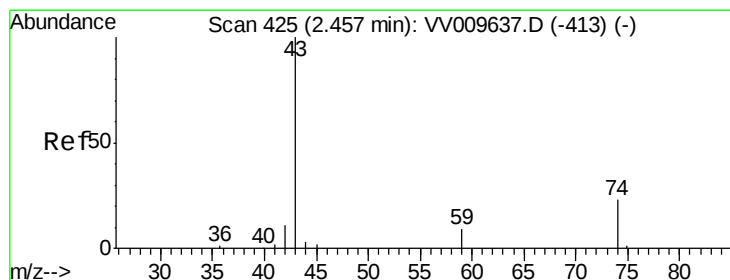
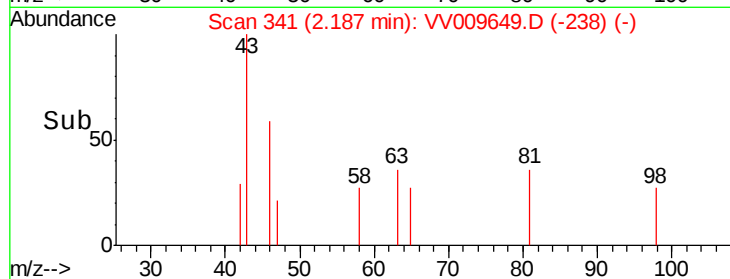
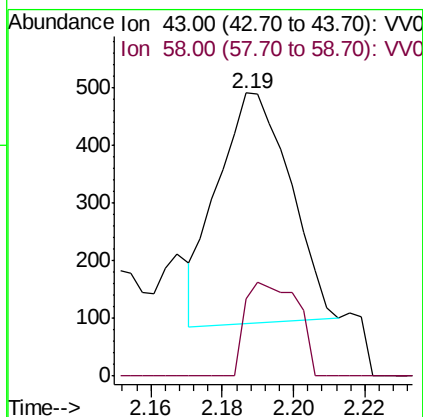
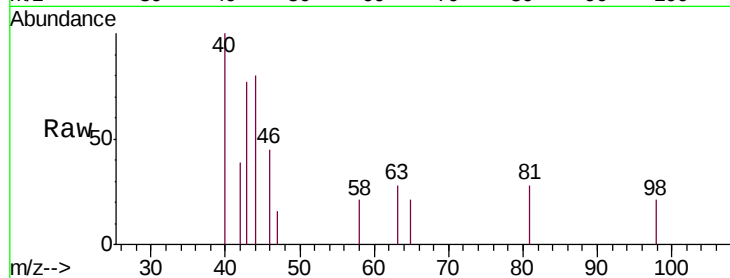
BF5N1

Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

58 29.2 0.0 64.8



#15

Methyl Acetate

Concen: 0.850 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.01 min

Lab File: VV009649.D

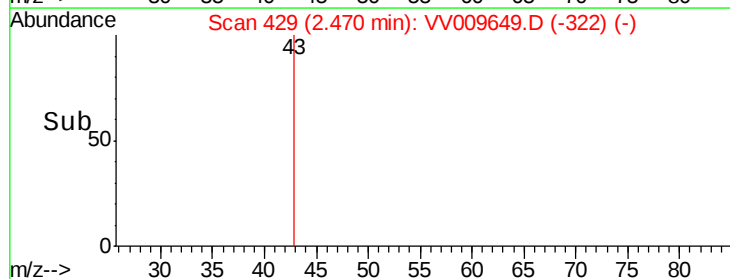
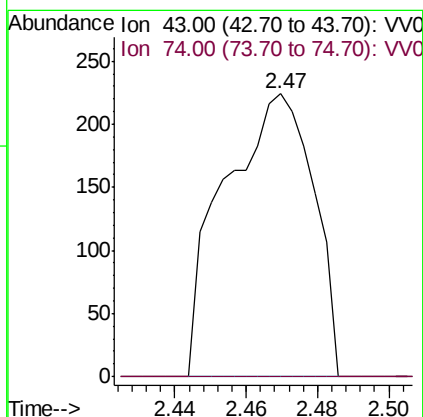
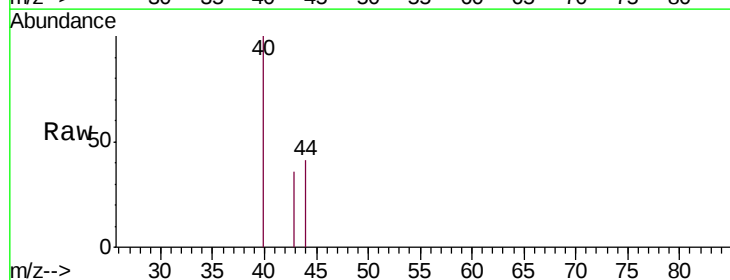
Acq: 13 Mar 2019 21:23

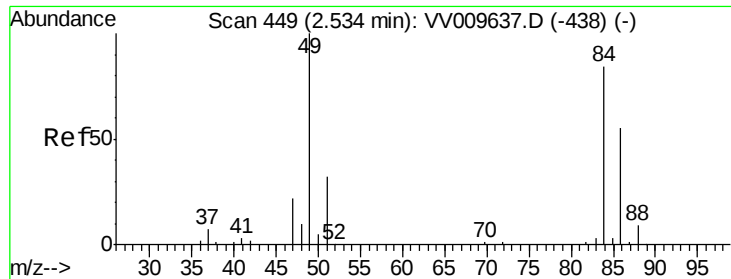
Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.6#

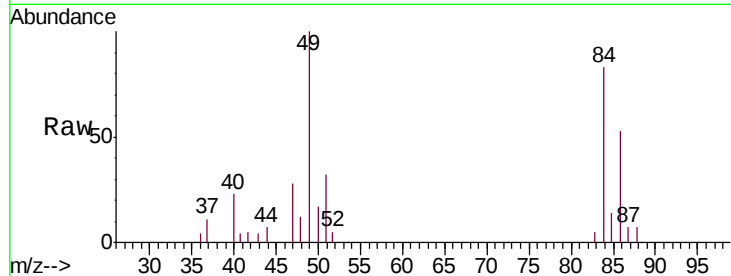




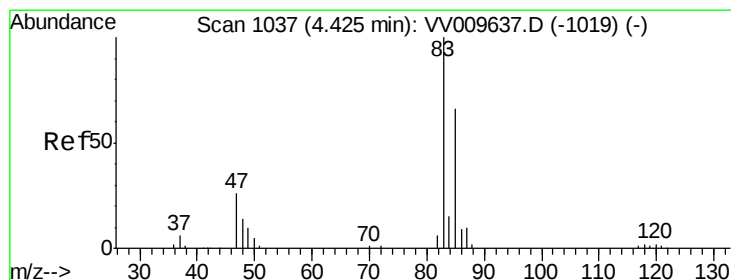
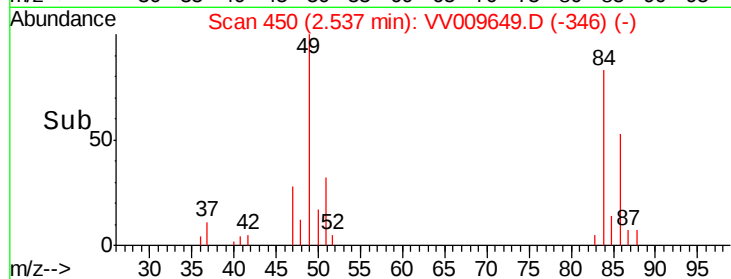
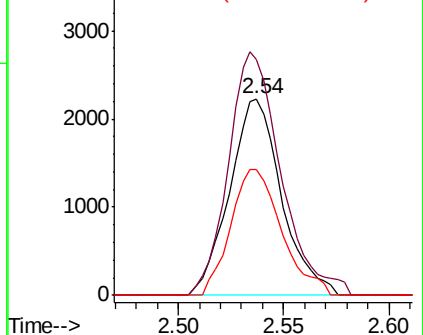
#16
Methylene chloride
Concen: 3.395 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009649.D
Acq: 13 Mar 2019 21:23

Instrument :
MSVOA_V
ClientSampled :
BF5N1

Tgt Ion: 84 Resp: 3818
Ion Ratio Lower Upper
84 100
49 120.0 86.1 159.9
86 63.9 45.2 84.0

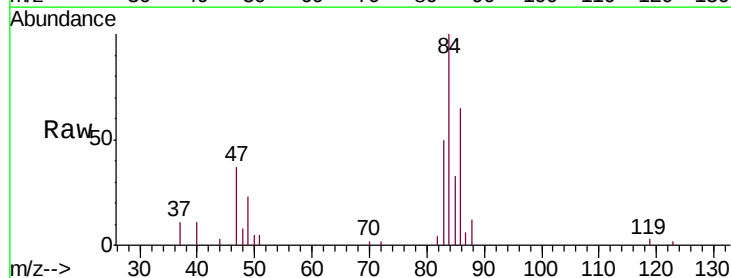


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

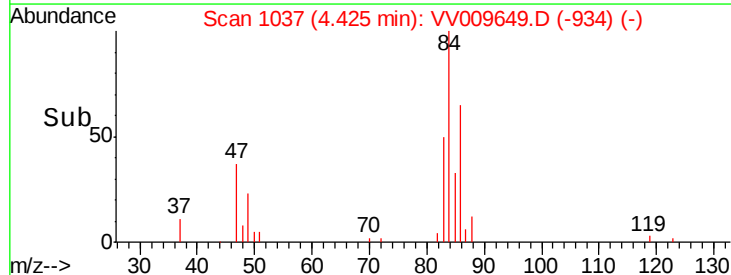
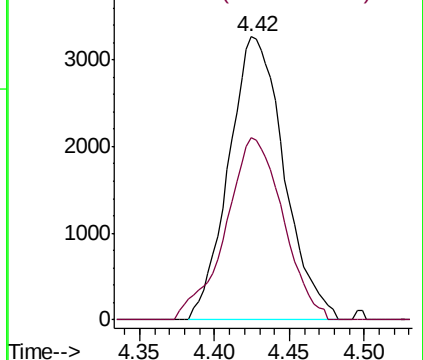


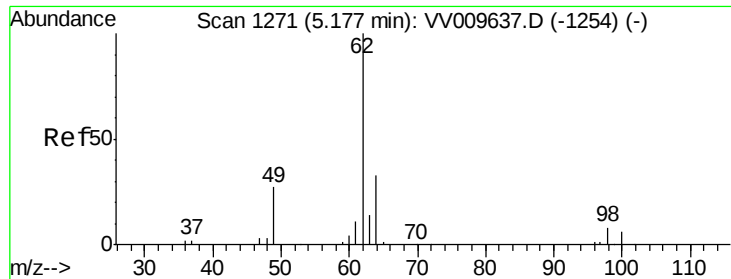
#25
Chloroform
Concen: 4.184 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009649.D
Acq: 13 Mar 2019 21:23

Tgt Ion: 83 Resp: 8399
Ion Ratio Lower Upper
83 100
85 66.9 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0

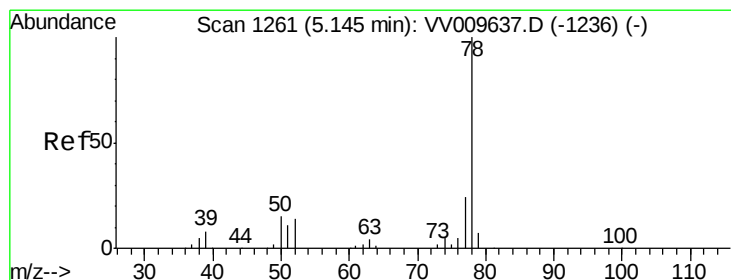
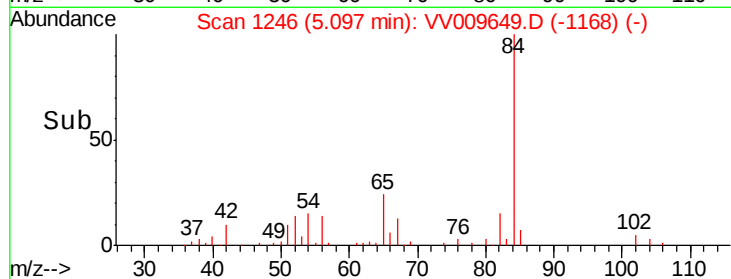
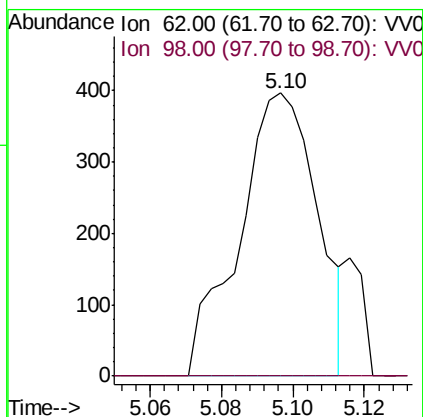
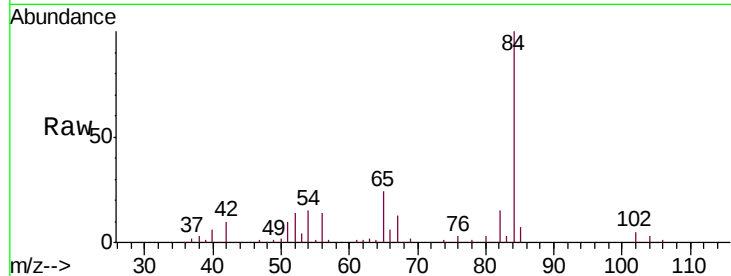




#27
 1,2-Dichloroethane
 Concen: 0.434 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV009649.D
 Acq: 13 Mar 2019 21:23

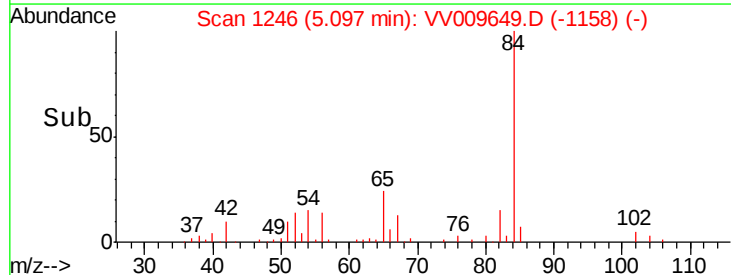
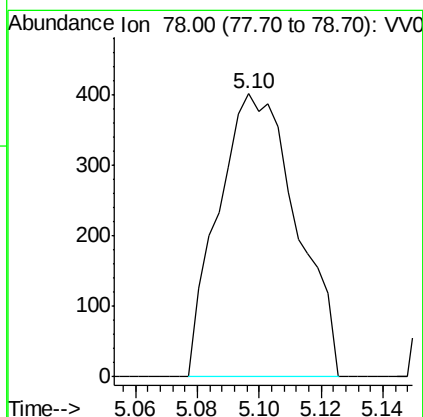
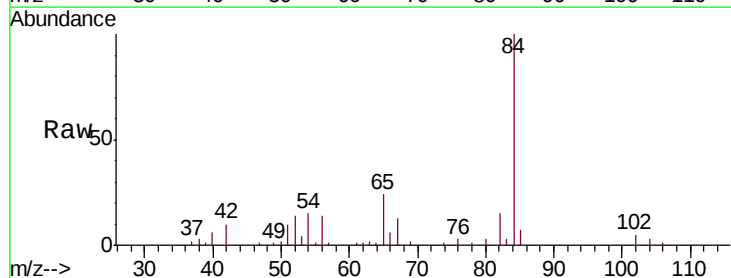
Instrument :
 MSVOA_V
 ClientSampled :
 BF5N1

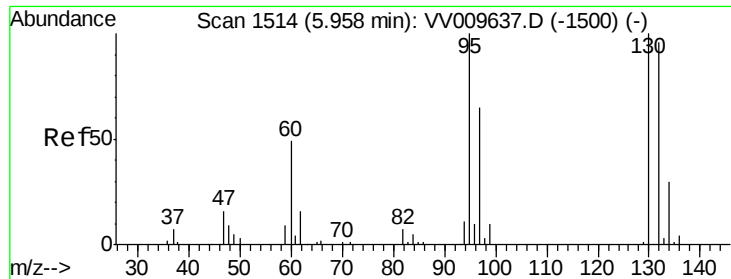
Tgt Ion: 62 Resp: 602
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.2 10.8#



#34
 Benzene
 Concen: 0.274 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: VV009649.D
 Acq: 13 Mar 2019 21:23

Tgt Ion: 78 Resp: 704





#35

Trichloroethene

Concen: 3.521 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.30 min

Lab File: VV009649.D

Acq: 13 Mar 2019 21:23

Instrument :

MSVOA_V

ClientSampleId :

BF5N1

Tgt Ion: 95 Resp: 2511

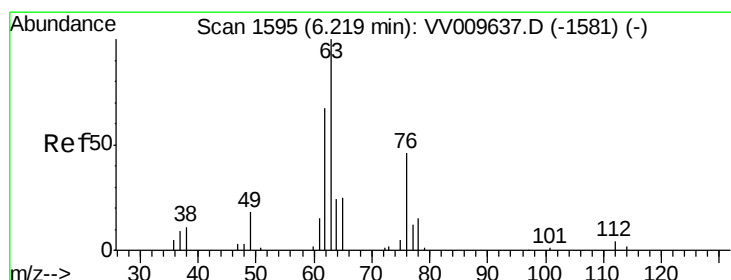
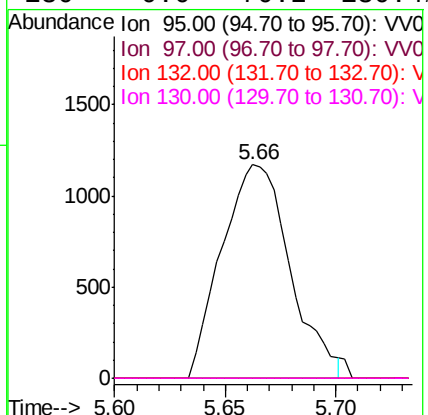
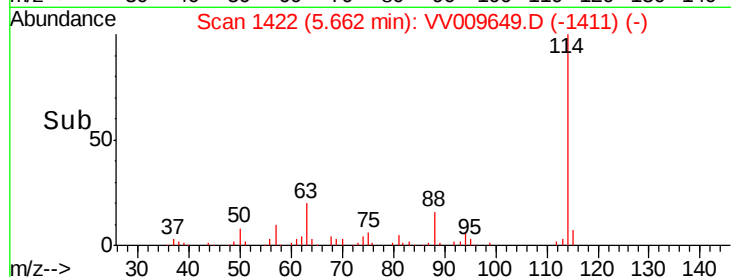
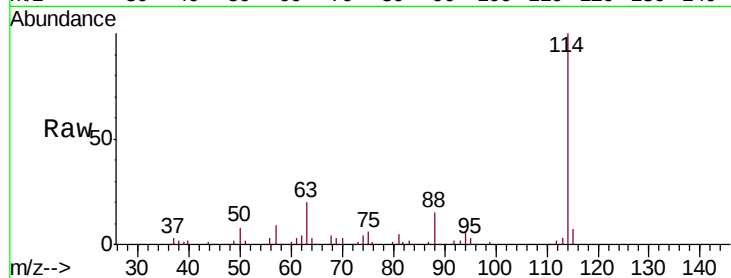
Ion Ratio Lower Upper

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: 6.154 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV009649.D

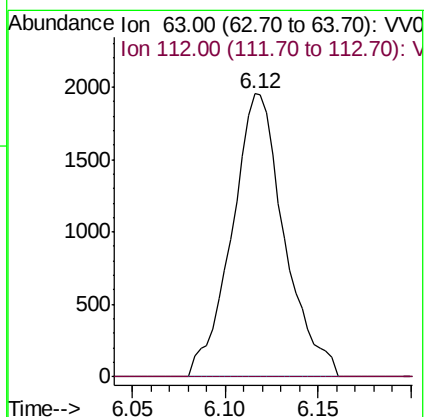
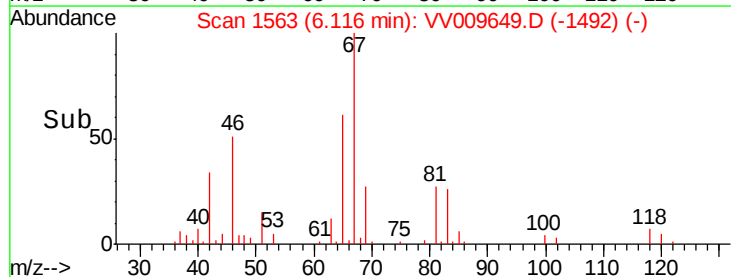
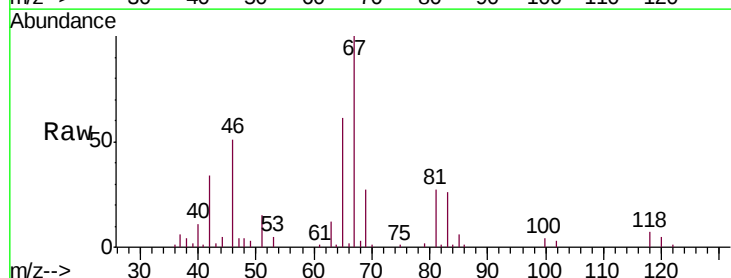
Acq: 13 Mar 2019 21:23

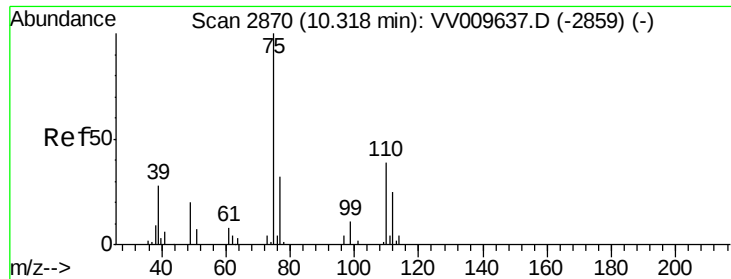
Tgt Ion: 63 Resp: 3840

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#59

1,2,3-Trichloropropane

Concen: 2.909 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009649.D

Acq: 13 Mar 2019 21:23

Instrument :

MSVOA_V

ClientSampleId :

BF5N1

Tgt Ion: 75 Resp: 1412

Ion Ratio Lower Upper

75 100

77 25.1 25.3 37.9#

