

Data File : VV009656.D
Acq On : 14 Mar 2019 00:28
Operator : SY/MD
Sample : K1794-19
Misc : 3.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5P6

Quant Time: Mar 14 07:43:08 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	50303	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	51009	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	15559	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3371	5.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.96%#
7) Chloroethane-d5	1.57	69	9094	11.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.84%
10) 1,1-Dichloroethene-d2	2.13	63	13478	7.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	31.00%#
20) 2-Butanone-d5	3.94	46	549	3.26	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	6.52%#
24) Chloroform-d	4.40	84	25071	19.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.08	65	33219	45.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	183.12%#
29) Benzene-d6	5.10	84	61409	22.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.80%
33) 1,2-Dichloropropane-d6	6.12	67	28632	36.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.48%#
37) Toluene-d8	7.36	98	45866	17.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.88%
38) trans-1,3-Dichloropropene-	7.67	79	2234	6.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	24.88%#
39) 2-Hexanone-d5	8.14	63	1201	8.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	16.68%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	27126	36.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	146.56%#
61) 1,2-Dichlorobenzene-d4	11.68	152	16680	27.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.72%

Target Compounds

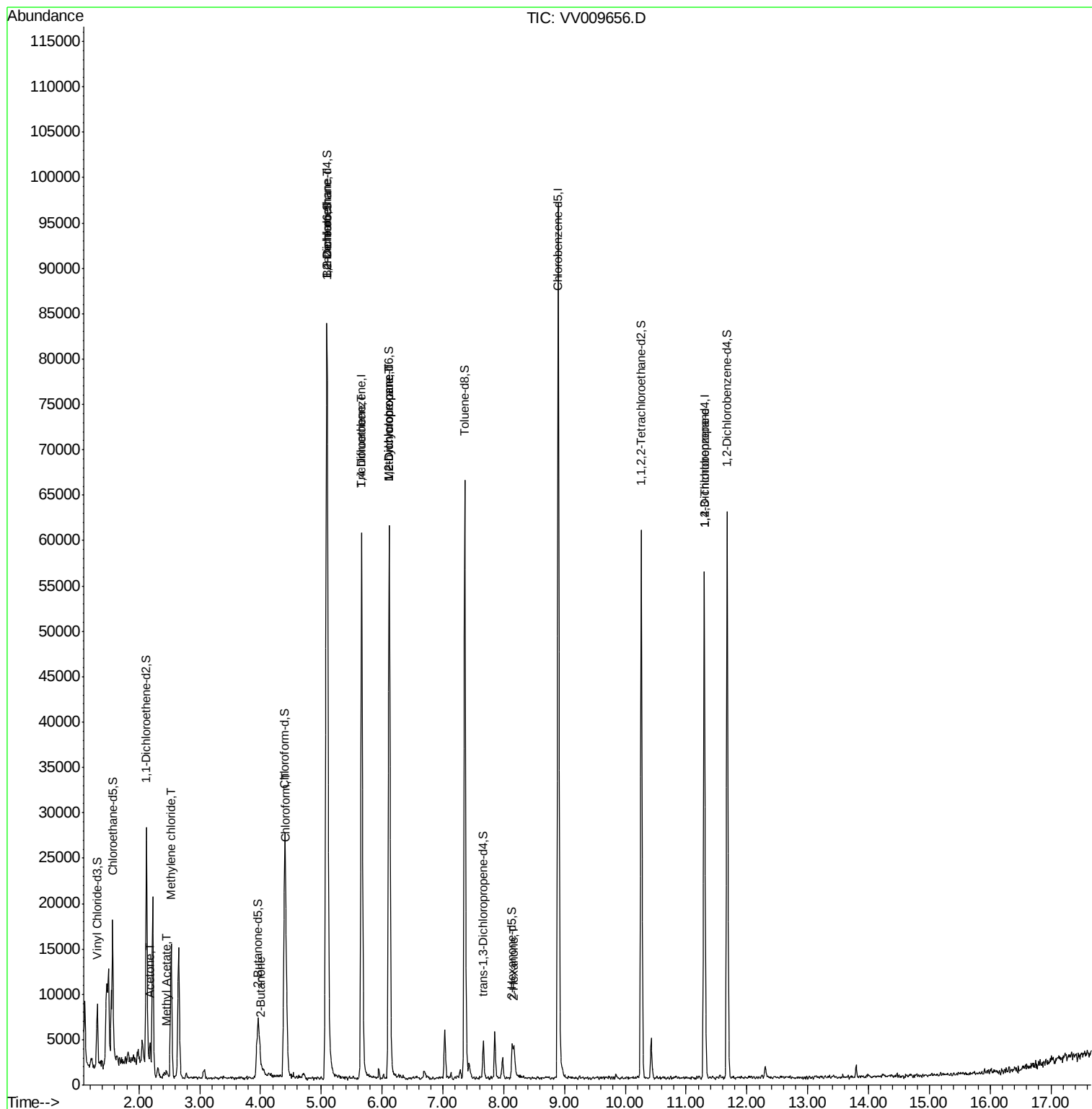
						Qvalue
13) Acetone	2.19	43	2877	14.165	ug/L	92
15) Methyl Acetate	2.45	43	858	2.895	ug/L #	60
16) Methylene chloride	2.54	84	3472	4.741	ug/L	91
21) 2-Butanone	4.01	43	823	3.282	ug/L #	46
25) Chloroform	4.42	83	5000	3.826	ug/L	100
27) 1,2-Dichloroethane	5.10	62	255	0.283	ug/L #	75
35) Trichloroethene	5.66	95	1512	1.883	ug/L #	5
36) Methylcyclohexane	6.12	83	6894	5.170	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	3603	5.128	ug/L #	88
49) 2-Hexanone	8.17	43	2353	6.522	ug/L #	42
59) 1,2,3-Trichloropropane	11.30	75	1971	3.607	ug/L #	81

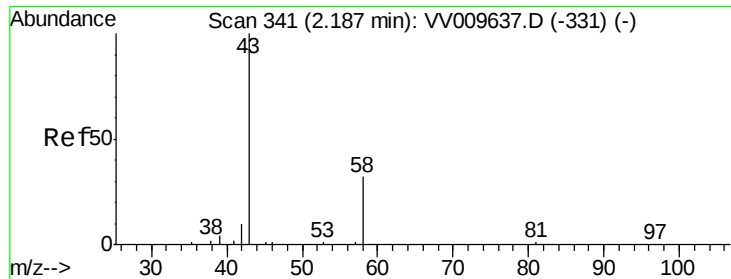
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009656.D
Acq On : 14 Mar 2019 00:28
Operator : SY/MD
Sample : K1794-19
Misc : 3.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5P6

Quant Time: Mar 14 07:43:08 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: 14.165 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV009656.D

Acq: 14 Mar 2019 00:28

Instrument :

MSVOA_V

ClientSampled :

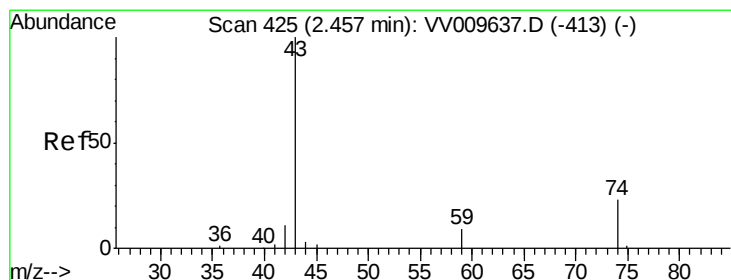
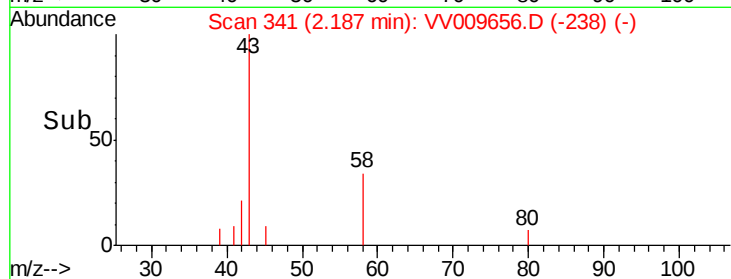
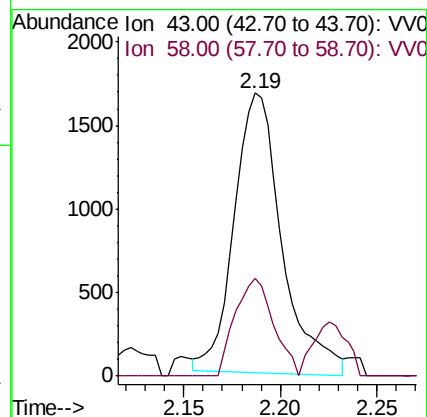
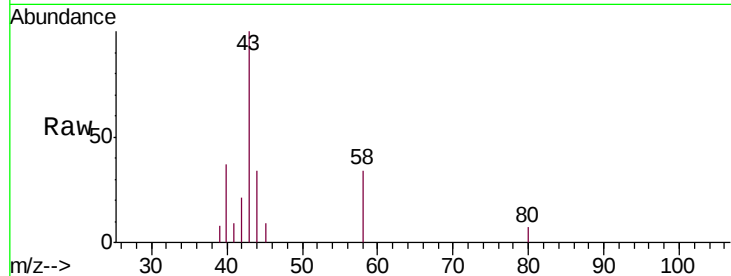
BF5P6

Tgt Ion: 43 Resp: 2877

Ion Ratio Lower Upper

43 100

58 28.0 0.0 64.8



#15

Methyl Acetate

Concen: 2.895 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV009656.D

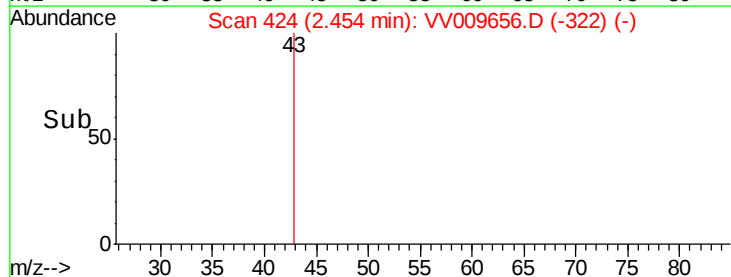
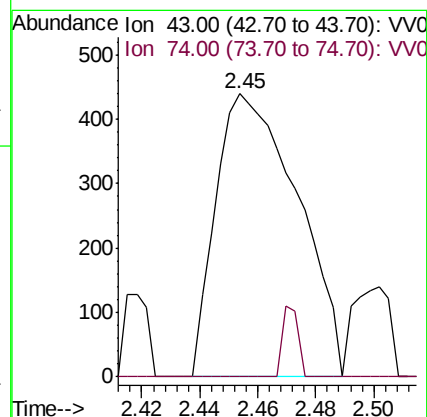
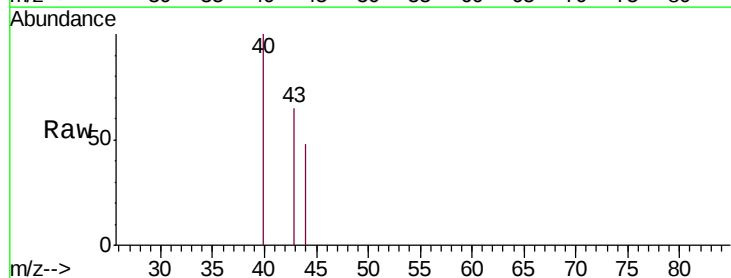
Acq: 14 Mar 2019 00:28

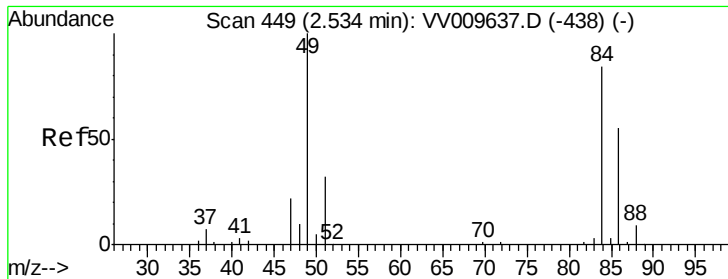
Tgt Ion: 43 Resp: 858

Ion Ratio Lower Upper

43 100

74 4.8 19.8 29.6#

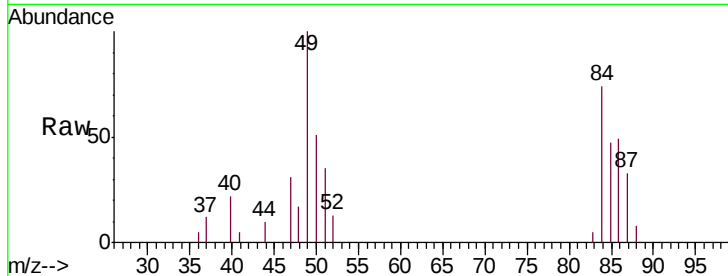




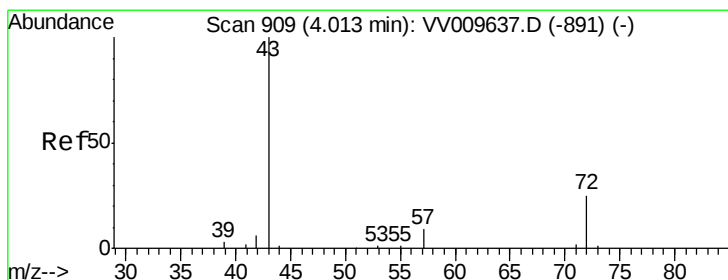
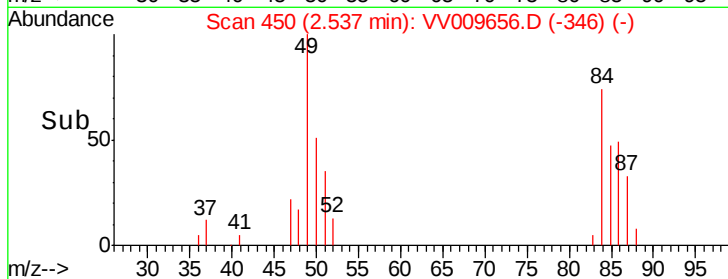
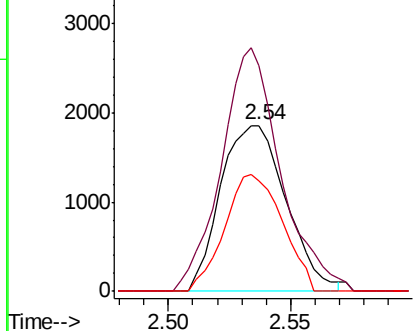
#16
Methylene chloride
Concen: 4.741 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009656.D
Acq: 14 Mar 2019 00:28

Instrument :
MSVOA_V
ClientSampled :
BF5P6

Tgt Ion: 84 Resp: 3472
Ion Ratio Lower Upper
84 100
49 136.0 86.1 159.9
86 66.8 45.2 84.0

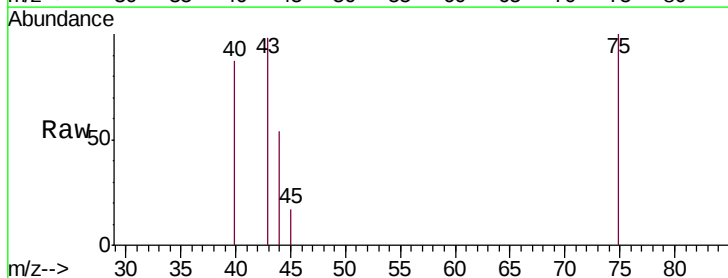


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

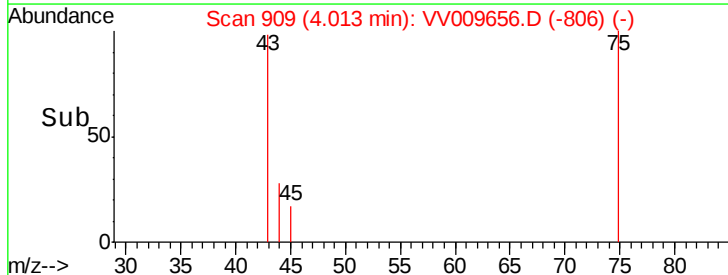
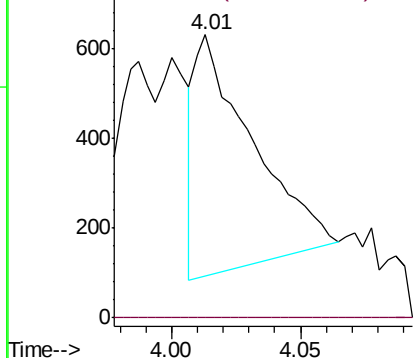


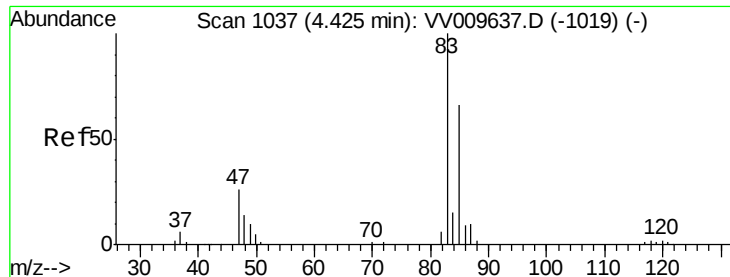
#21
2-Butanone
Concen: 3.282 ug/L
RT: 4.01 min Scan# 909
Delta R.T. 0.00 min
Lab File: VV009656.D
Acq: 14 Mar 2019 00:28

Tgt Ion: 43 Resp: 823
Ion Ratio Lower Upper
43 100
72 0.0 14.5 43.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 72.00 (71.70 to 72.70): VV0

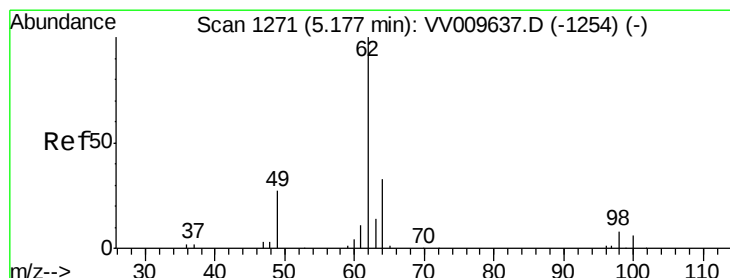
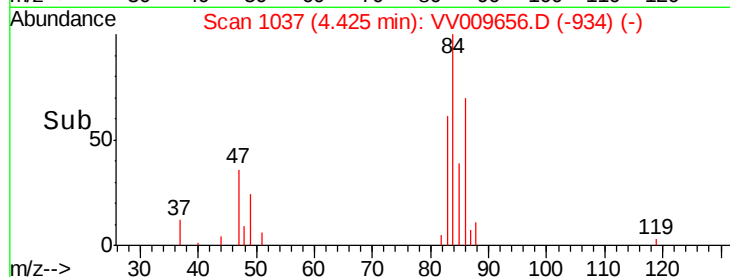
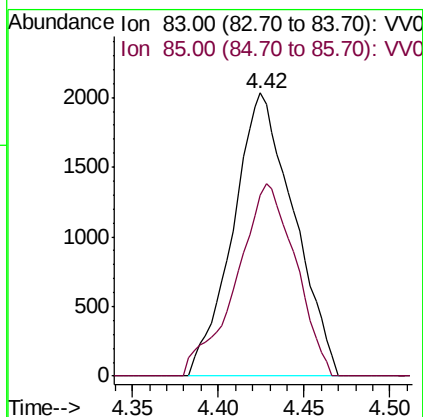
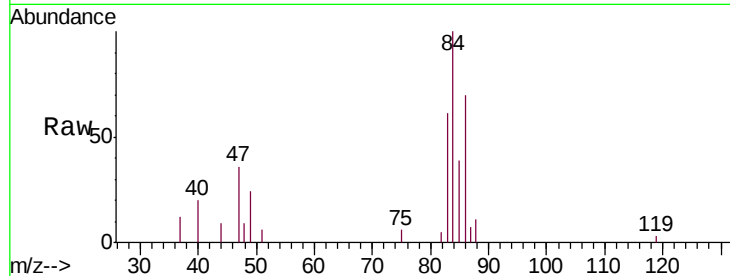




#25
Chloroform
Concen: 3.826 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009656.D
Acq: 14 Mar 2019 00:28

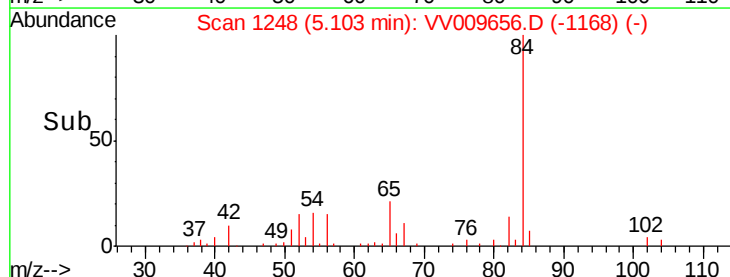
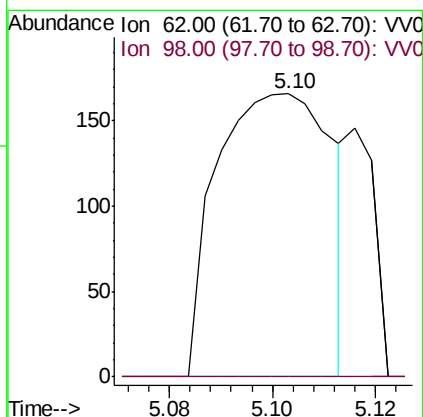
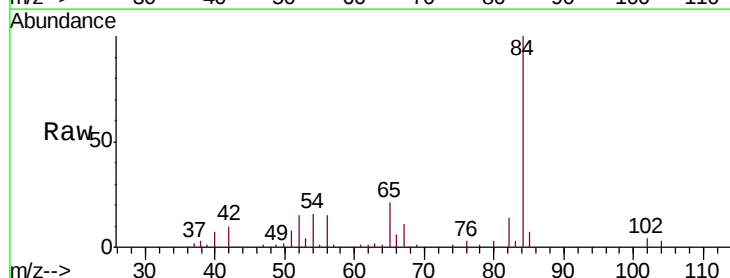
Instrument :
MSVOA_V
ClientSampled :
BF5P6

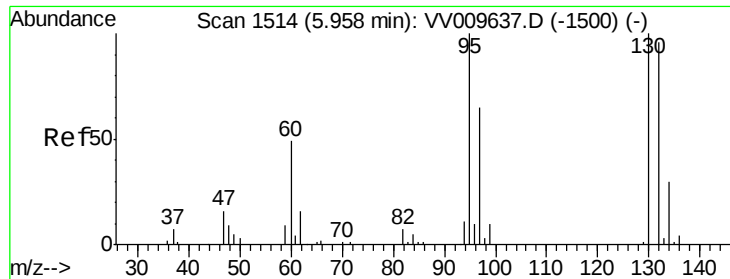
Tgt Ion: 83 Resp: 5000
Ion Ratio Lower Upper
83 100
85 66.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 0.283 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV009656.D
Acq: 14 Mar 2019 00:28

Tgt Ion: 62 Resp: 255
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#

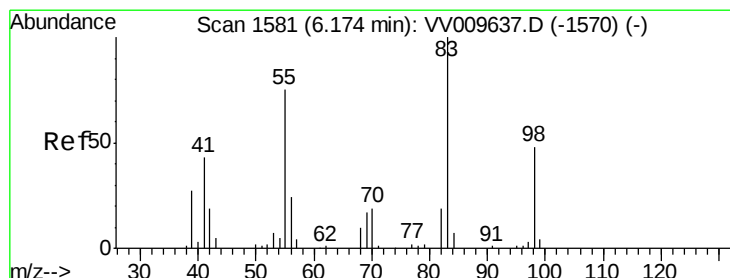
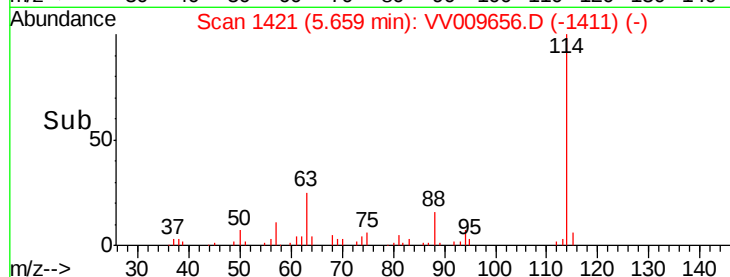
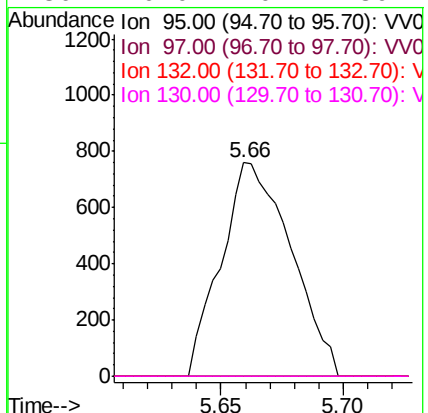
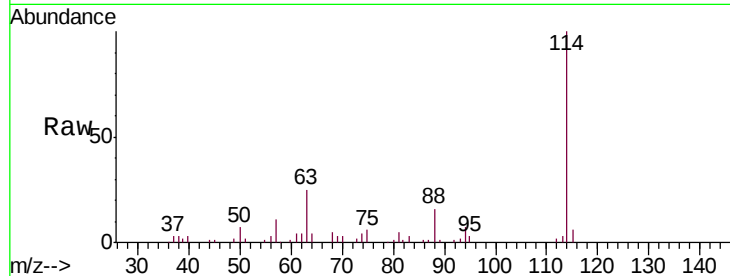




#35
 Trichloroethene
 Concen: 1.883 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV009656.D
 Acq: 14 Mar 2019 00:28

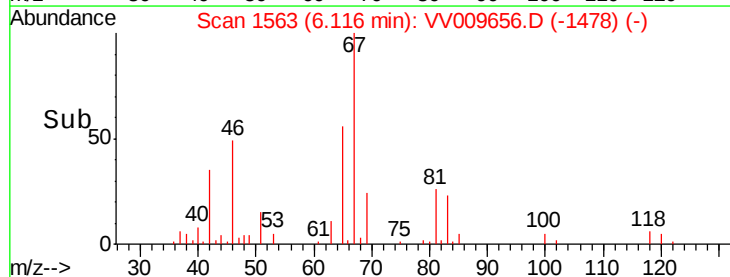
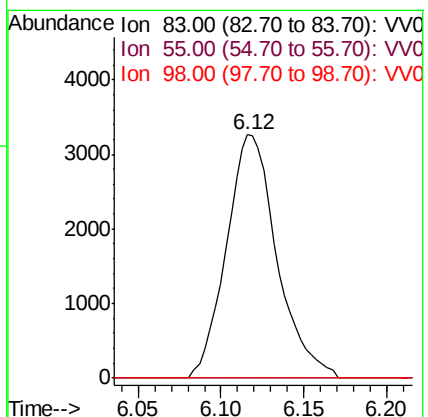
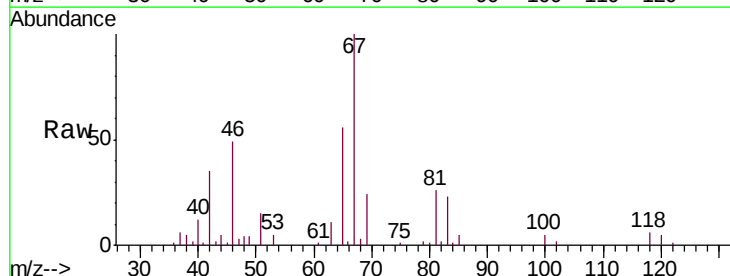
Instrument :
 MSVOA_V
 ClientSampleId :
 BF5P6

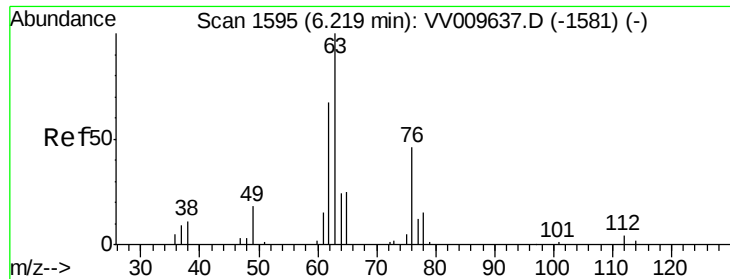
Tgt Ion: 95 Resp: 1512
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.9 83.5#
 132 0.0 66.4 123.2#
 130 0.0 70.2 130.4#



#36
 Methylcyclohexane
 Concen: 5.170 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.06 min
 Lab File: VV009656.D
 Acq: 14 Mar 2019 00:28

Tgt Ion: 83 Resp: 6894
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.4 86.0#
 98 1.4 37.1 55.7#

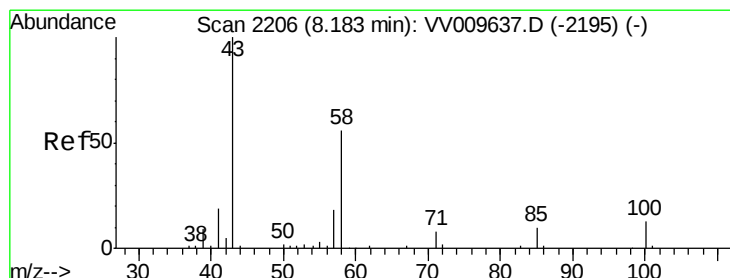
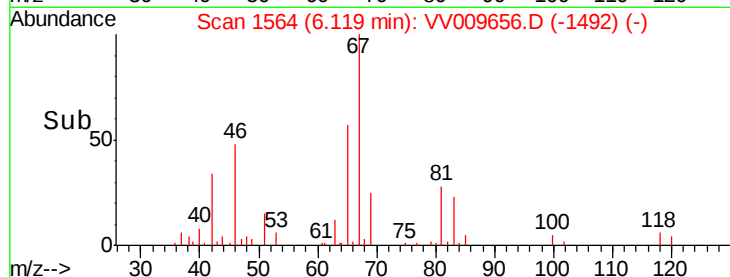
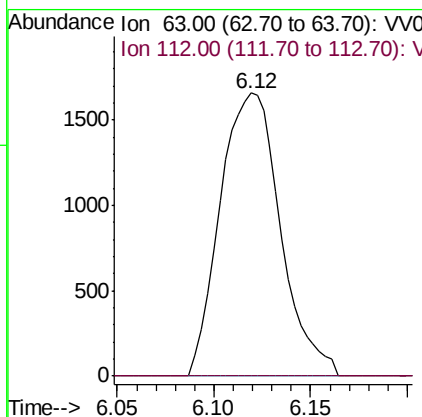
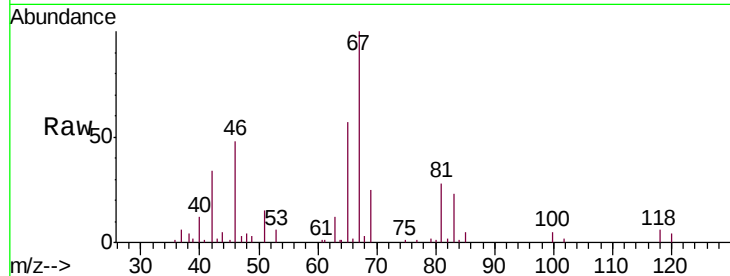




#40
 1,2-Dichloropropane
 Concen: 5.128 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009656.D
 Acq: 14 Mar 2019 00:28

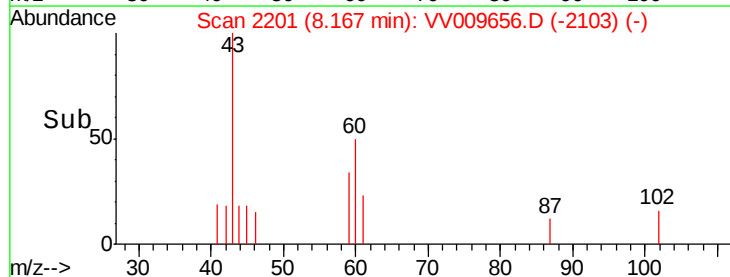
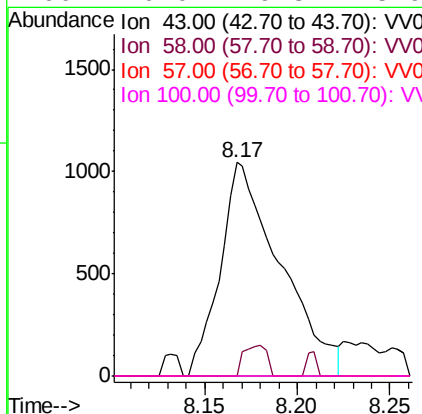
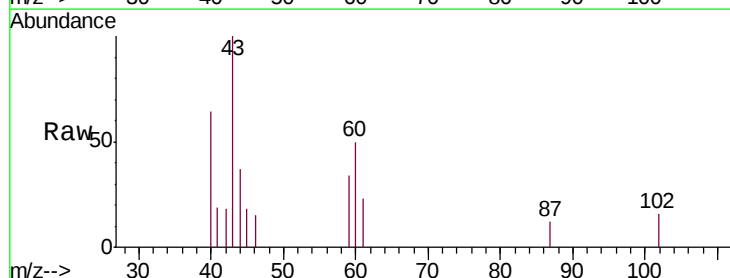
Instrument :
 MSVOA_V
 ClientSampleID :
 BF5P6

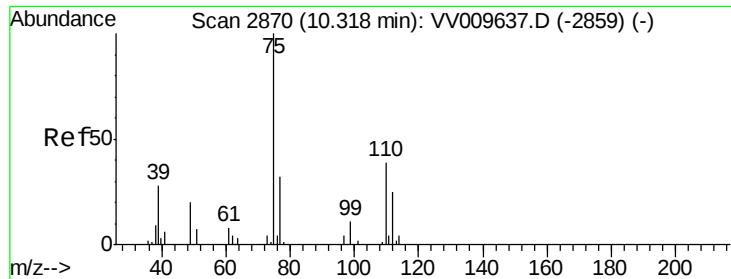
Tgt Ion: 63 Resp: 3603
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#49
 2-Hexanone
 Concen: 6.522 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: VV009656.D
 Acq: 14 Mar 2019 00:28

Tgt Ion: 43 Resp: 2353
 Ion Ratio Lower Upper
 43 100
 58 5.5 44.9 67.3#
 57 0.0 14.5 21.7#
 100 0.0 9.3 13.9#





#59

1,2,3-Trichloropropane

Concen: 3.607 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009656.D

Acq: 14 Mar 2019 00:28

Instrument :

MSVOA_V

ClientSampleId :

BF5P6

Tgt Ion: 75 Resp: 1971

Ion Ratio Lower Upper

75 100

77 42.4 25.3 37.9#

