

Data File : VV009036.D
Acq On : 19 Dec 2018 02:08
Operator : SY/MD
Sample : J6419-09
Misc : 4.84G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY3

Quant Time: Dec 19 07:25:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	234436	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203563	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51428	21.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.80%
7) Chloroethane-d5	1.58	69	55980	31.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.92%
10) 1,1-Dichloroethene-d2	2.13	63	99895	16.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.88%
20) 2-Butanone-d5	3.94	46	28168	31.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.78%
24) Chloroform-d	4.40	84	141620	25.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.52%
26) 1,2-Dichloroethane-d4	5.08	65	84370	27.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.72%
29) Benzene-d6	5.10	84	285870	25.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.56%
33) 1,2-Dichloropropane-d6	6.12	67	87014	27.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.36%
37) Toluene-d8	7.36	98	251004	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.44%
38) trans-1,3-Dichloropropene-	7.67	79	33032	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	8.14	63	18083	31.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58177	21.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	69984	24.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.92%

Target Compounds

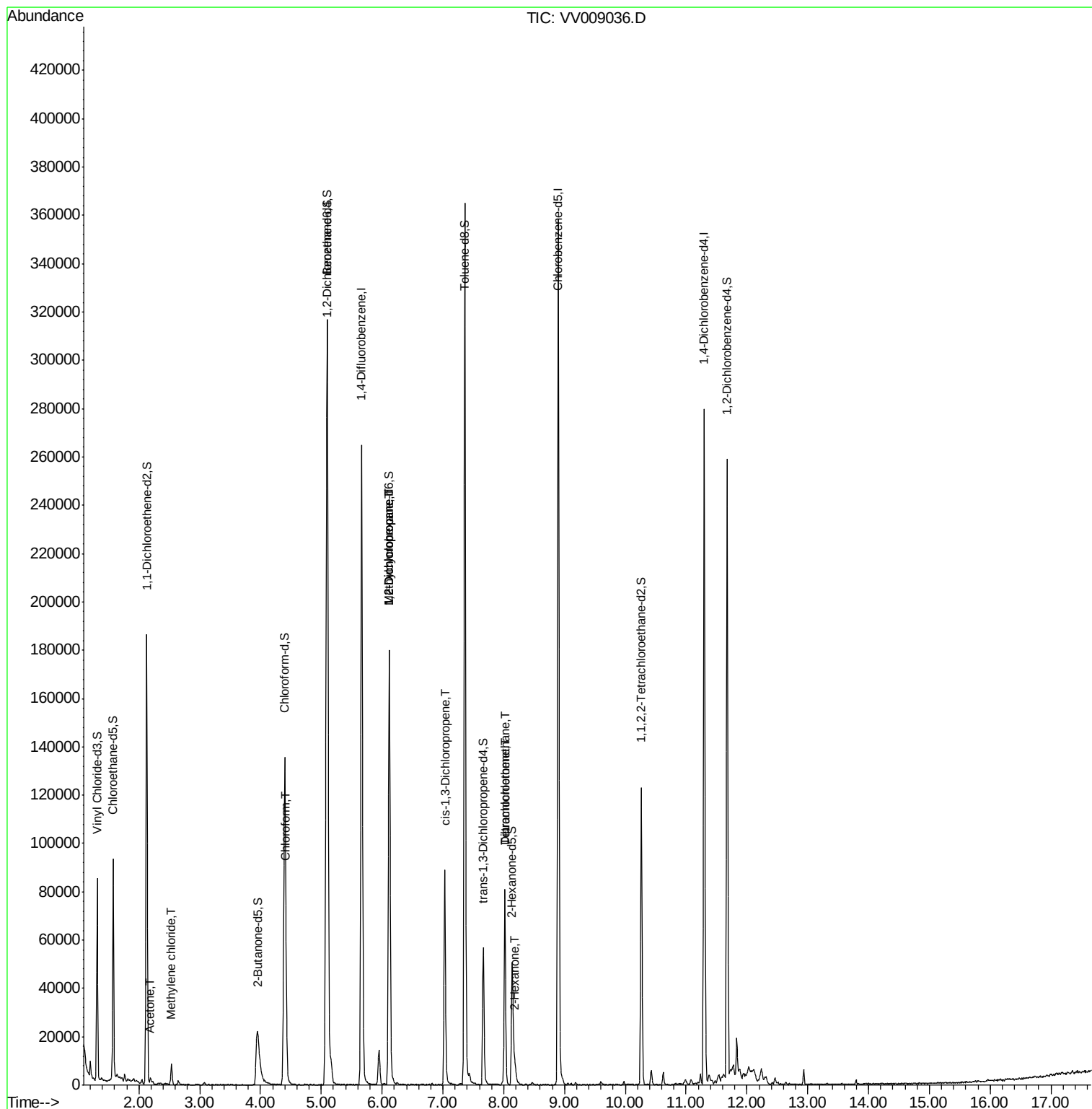
						Qvalue
13) Acetone	2.20	43	1010	0.776	ug/L	72
16) Methylene chloride	2.53	84	3729	0.945	ug/L	97
25) Chloroform	4.43	83	3781	0.666	ug/L #	71
36) Methylcyclohexane	6.12	83	22589	3.852	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	9336	3.190	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2264	0.528	ug/L #	63
47) Tetrachloroethene	8.02	164	18066	6.042	ug/L	96
49) 2-Hexanone	8.18	43	5565	3.400	ug/L #	64
50) Dibromochloromethane	8.02	129	17708	6.334	ug/L #	11

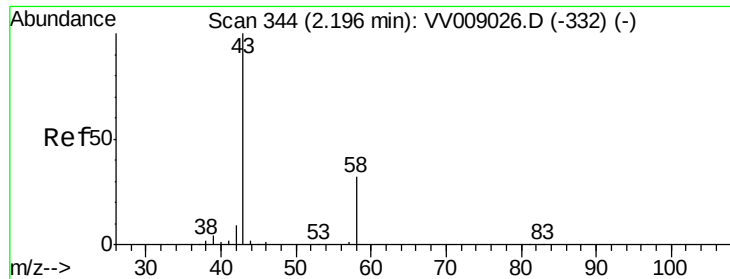
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009036.D
Acq On : 19 Dec 2018 02:08
Operator : SY/MD
Sample : J6419-09
Misc : 4.84G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY3

Quant Time: Dec 19 07:25:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 07:18:27 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.776 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV009036.D

Acq: 19 Dec 2018 02:08

Instrument :

MSVOA_V

ClientSampleId :

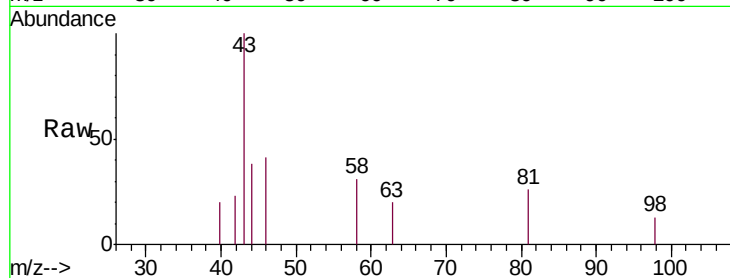
BEZY3

Tgt Ion: 43 Resp: 1010

Ion Ratio Lower Upper

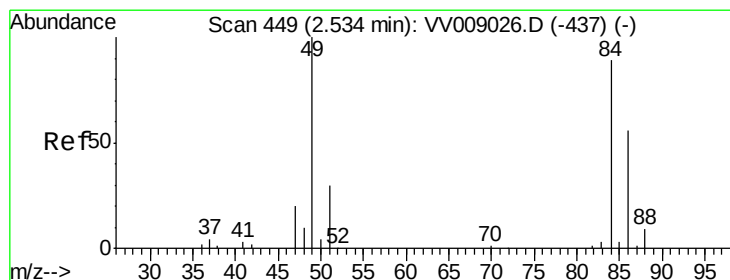
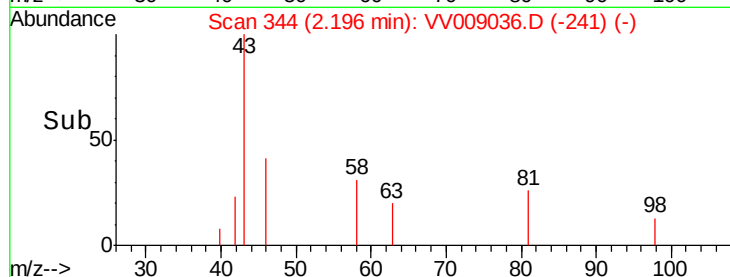
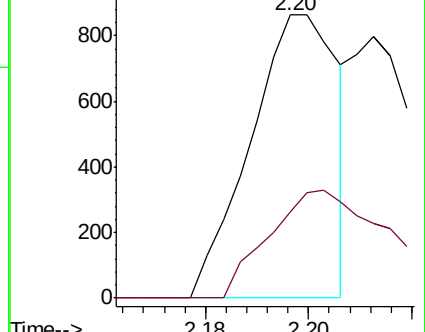
43 100

58 48.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009036.D (-344) (-)

Ion 58.00 (57.70 to 58.70): VV009036.D (-344) (-)



#16

Methylene chloride

Concen: 0.945 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV009036.D

Acq: 19 Dec 2018 02:08

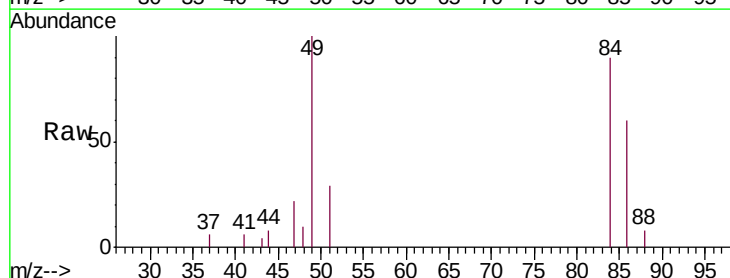
Tgt Ion: 84 Resp: 3729

Ion Ratio Lower Upper

84 100

49 111.1 80.5 149.5

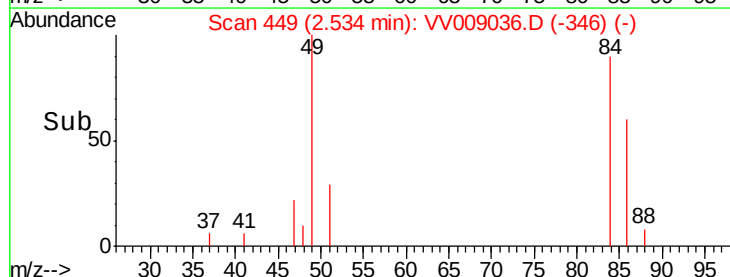
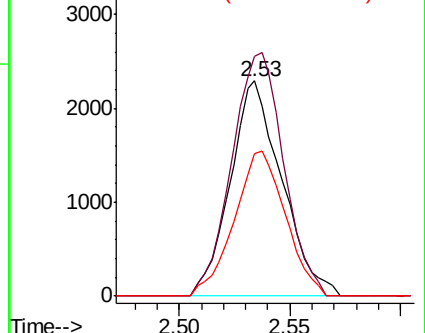
86 66.1 45.5 84.5

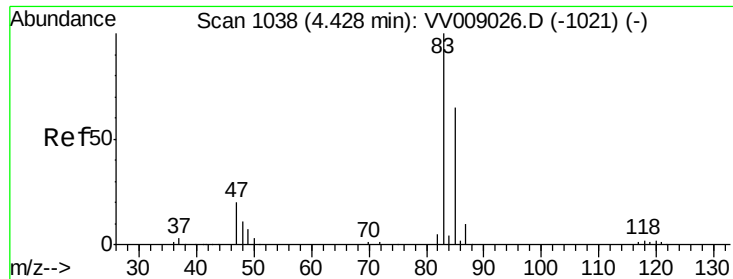


Abundance Ion 84.00 (83.70 to 84.70): VV009036.D (-449) (-)

Ion 49.00 (48.70 to 49.70): VV009036.D (-449) (-)

Ion 86.00 (85.70 to 86.70): VV009036.D (-449) (-)

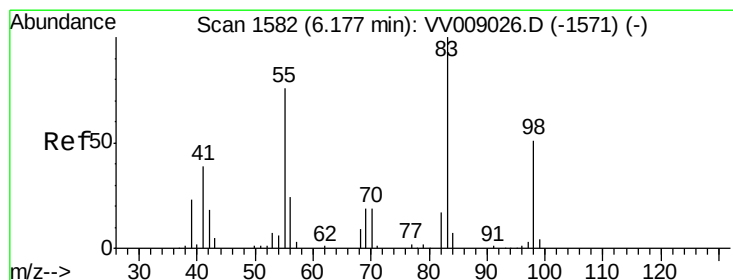
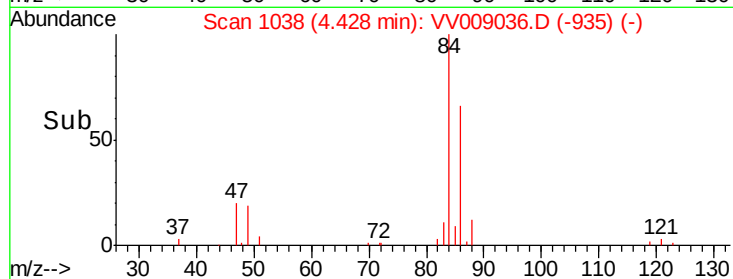
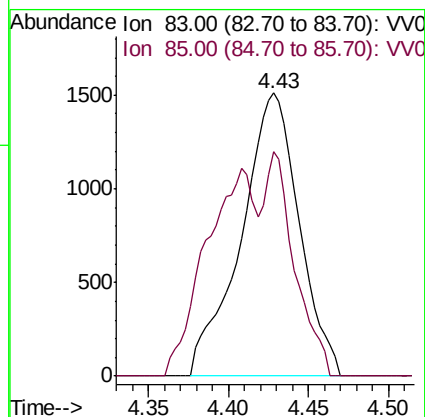
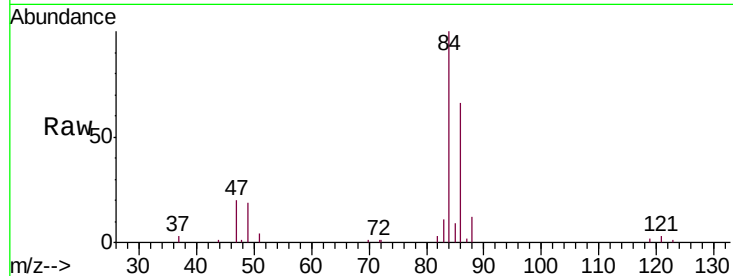




#25
Chloroform
Concen: 0.666 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009036.D
Acq: 19 Dec 2018 02:08

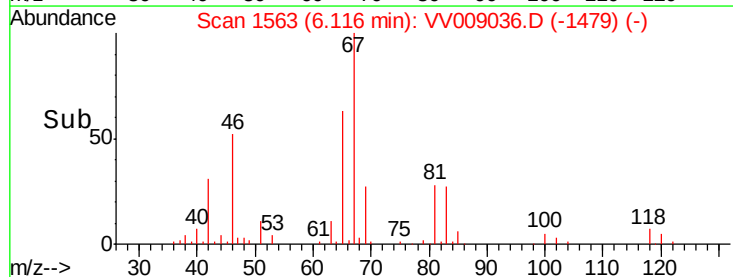
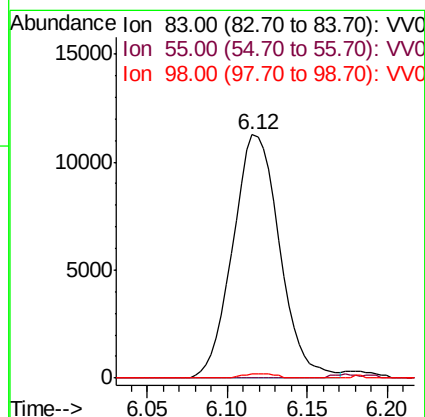
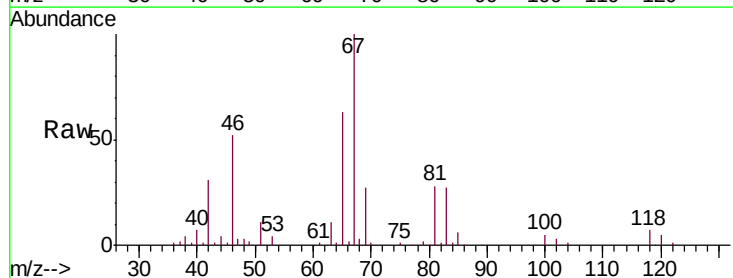
Instrument :
MSVOA_V
ClientSampleId :
BEZY3

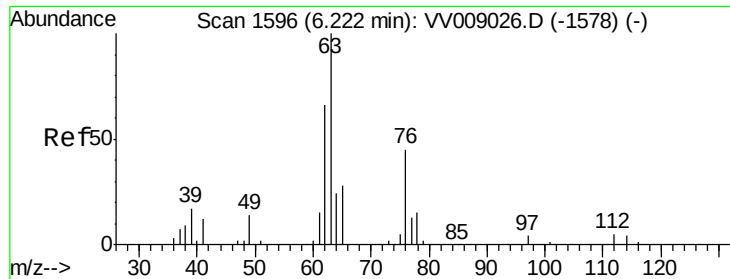
Tgt Ion: 83 Resp: 3781
Ion Ratio Lower Upper
83 100
85 42.6 45.6 84.8#



#36
Methylcyclohexane
Concen: 3.852 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009036.D
Acq: 19 Dec 2018 02:08

Tgt Ion: 83 Resp: 22589
Ion Ratio Lower Upper
83 100
55 0.8 58.2 87.2#
98 1.2 37.8 56.8#

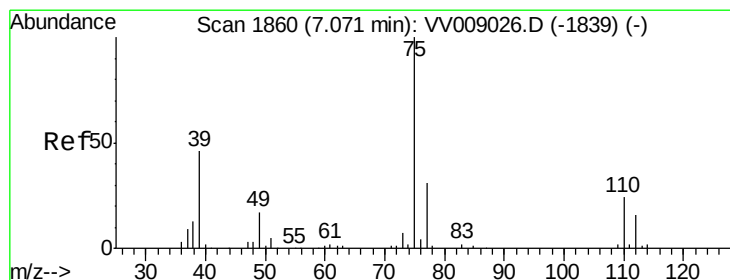
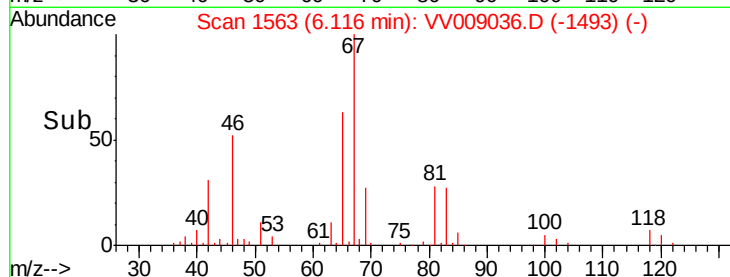
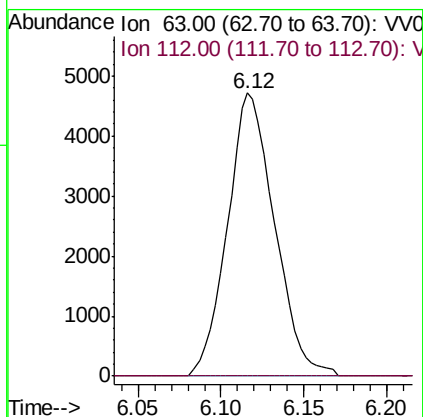
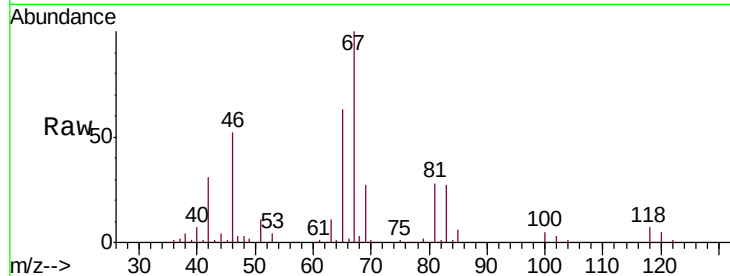




#40
 1,2-Dichloropropane
 Concen: 3.190 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009036.D
 Acq: 19 Dec 2018 02:08

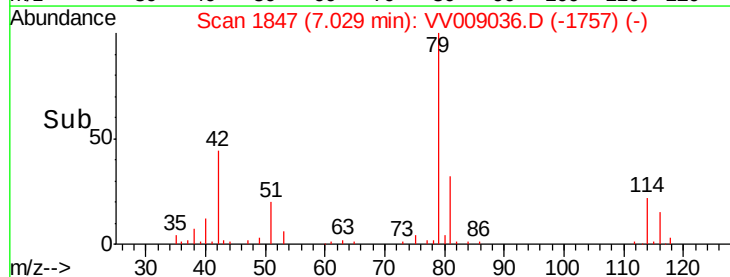
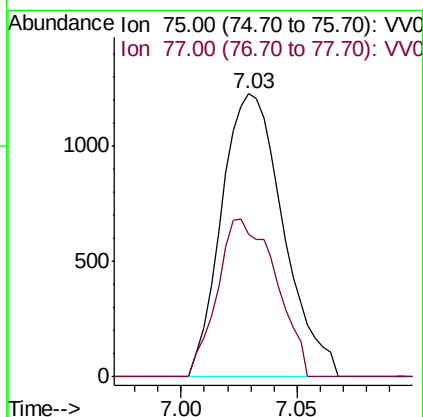
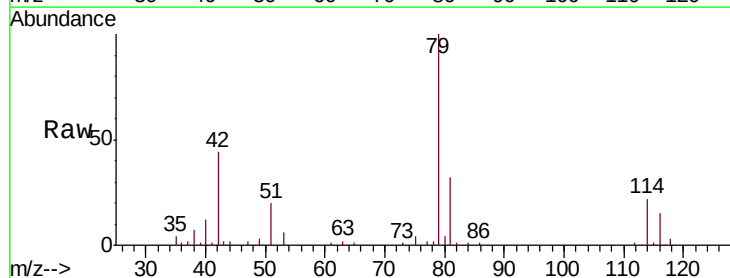
Instrument :
 MSVOA_V
 ClientSampled :
 BEZY3

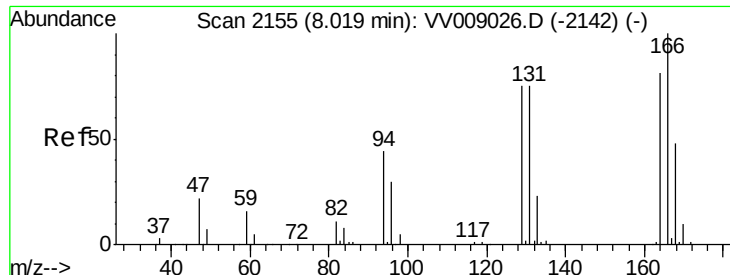
Tgt Ion: 63 Resp: 9336
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.528 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009036.D
 Acq: 19 Dec 2018 02:08

Tgt Ion: 75 Resp: 2264
 Ion Ratio Lower Upper
 75 100
 77 50.5 21.3 39.6#





#47

Tetrachloroethene

Concen: 6.042 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009036.D

Acq: 19 Dec 2018 02:08

Instrument :

MSVOA_V

ClientSampleId :

BEZY3

Tgt Ion:164 Resp: 18066

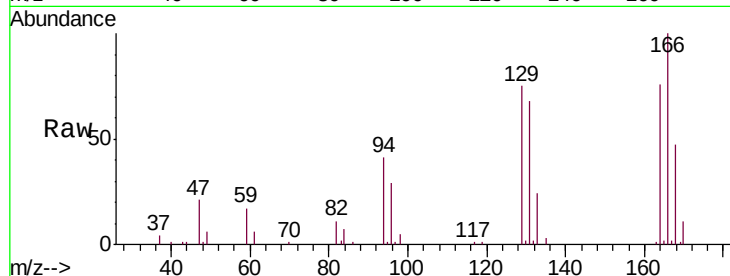
Ion Ratio Lower Upper

164 100

129 98.7 64.6 120.0

131 90.2 64.5 119.7

166 132.0 88.7 164.7

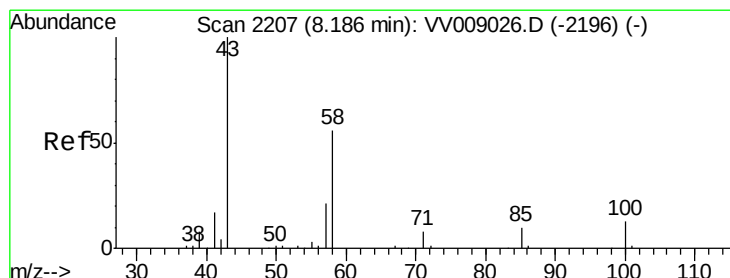
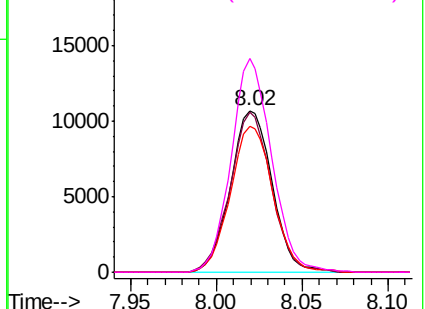
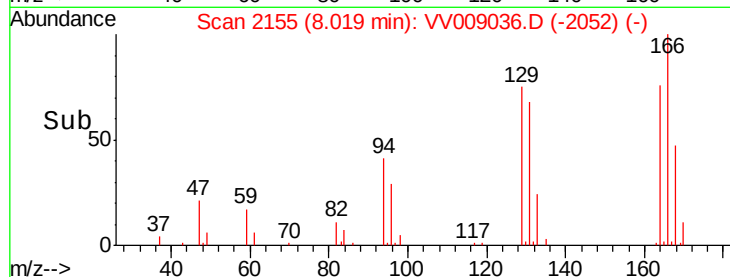


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.400 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV009036.D

Acq: 19 Dec 2018 02:08

Tgt Ion: 43 Resp: 5565

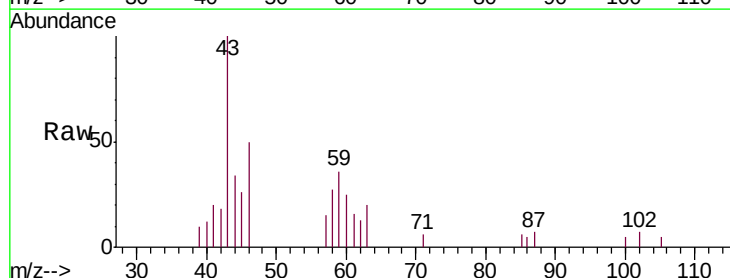
Ion Ratio Lower Upper

43 100

58 28.2 43.9 65.9#

57 1.4 15.7 23.5#

100 2.7 11.0 16.4#

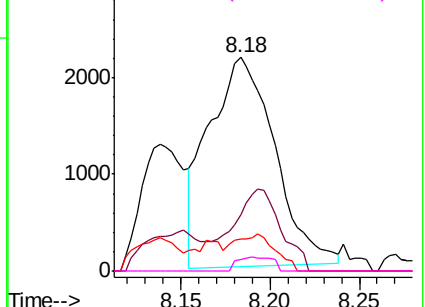
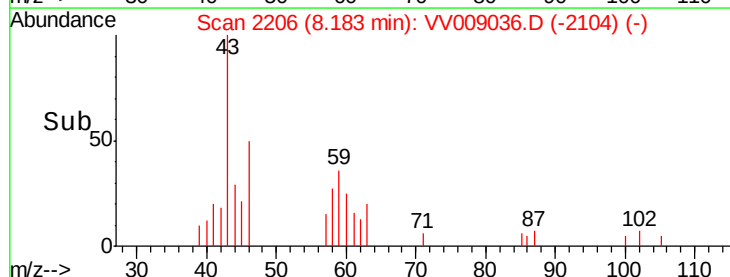


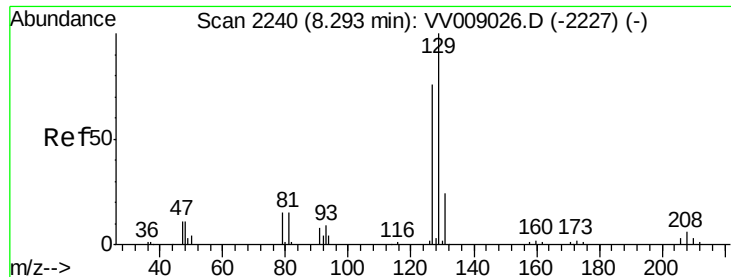
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#50

Dibromochloromethane

Concen: 6.334 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009036.D

Acq: 19 Dec 2018 02:08

Instrument :

MSVOA_V

ClientSampleId :

BEZY3

Tgt Ion:129 Resp: 17708

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#

