

Data File : VV009037.D
Acq On : 19 Dec 2018 02:32
Operator : SY/MD
Sample : J6419-10
Misc : 4.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY8

Quant Time: Dec 19 07:25:47 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	221359	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	181216	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64811	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51412	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
7) Chloroethane-d5	1.58	69	51536	30.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.80%
10) 1,1-Dichloroethene-d2	2.13	63	98806	17.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.00%
20) 2-Butanone-d5	3.94	46	25636	30.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.48%
24) Chloroform-d	4.40	84	138897	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.08	65	84740	29.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.72%
29) Benzene-d6	5.10	84	273207	26.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.96%
33) 1,2-Dichloropropane-d6	6.12	67	85014	30.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.00%
37) Toluene-d8	7.36	98	236695	25.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.08%
38) trans-1,3-Dichloropropene-	7.67	79	26538	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.28%
39) 2-Hexanone-d5	8.14	63	14088	27.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	63139	26.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.24%
61) 1,2-Dichlorobenzene-d4	11.68	152	61084	25.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.44%

Target Compounds

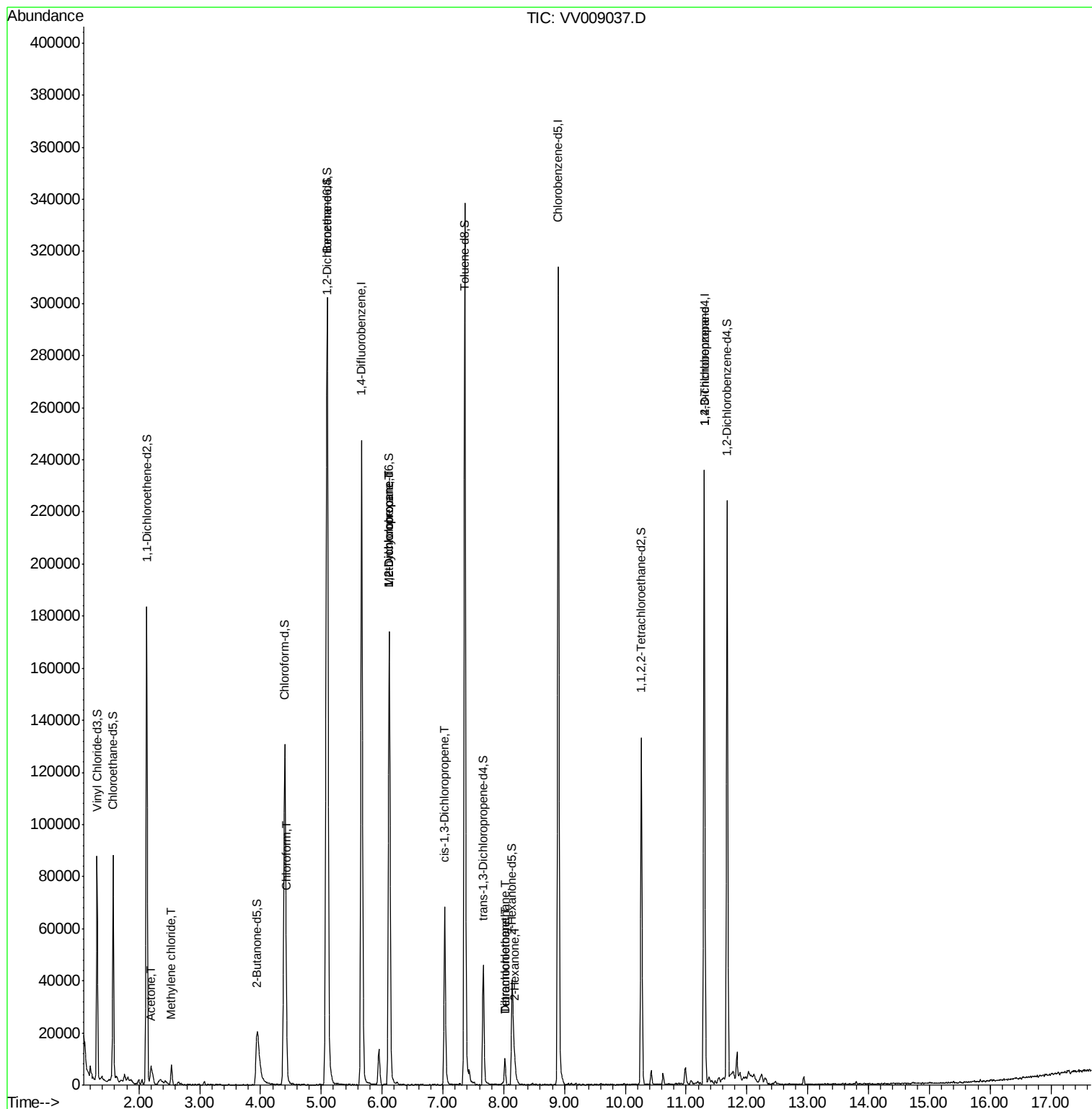
					Qvalue
13) Acetone	2.20	43	9187	7.477 ug/L	100
16) Methylene chloride	2.54	84	3518	0.944 ug/L	96
25) Chloroform	4.43	83	3182	0.593 ug/L	95
36) Methylcyclohexane	6.12	83	20972	4.017 ug/L #	20
40) 1,2-Dichloropropane	6.12	63	9330	3.581 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1617	0.424 ug/L #	50
47) Tetrachloroethene	8.02	164	2282	0.857 ug/L	94
49) 2-Hexanone	8.18	43	5750	3.946 ug/L #	44
50) Dibromochloromethane	8.02	129	2269	0.912 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7703	3.793 ug/L	91

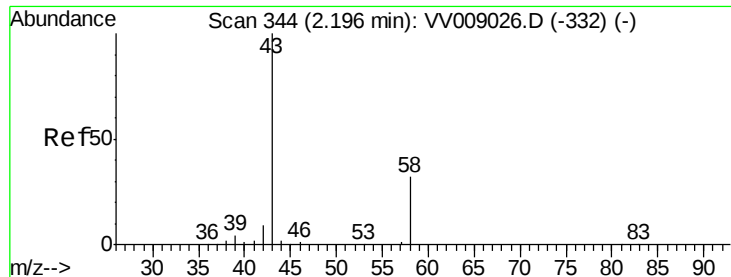
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.477 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009037.D

Acq: 19 Dec 2018 02:32

Instrument :

MSVOA_V

ClientSampleId :

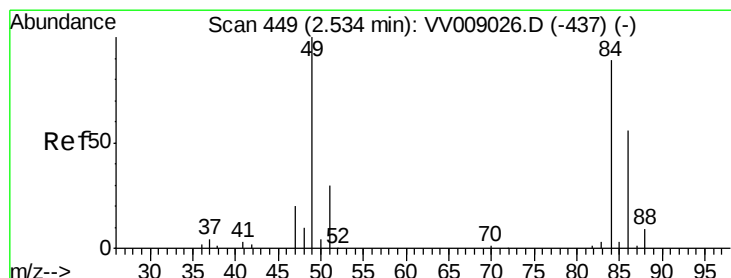
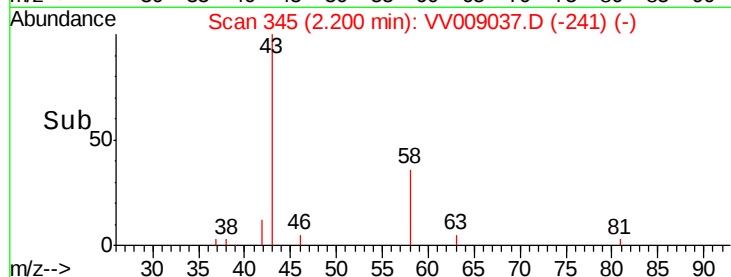
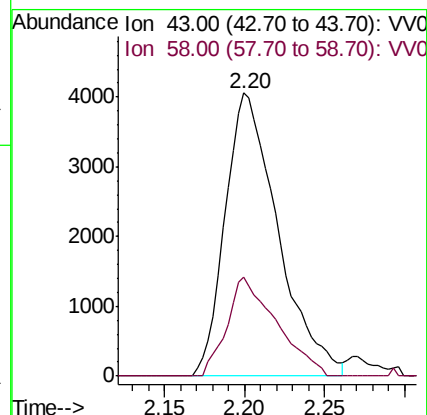
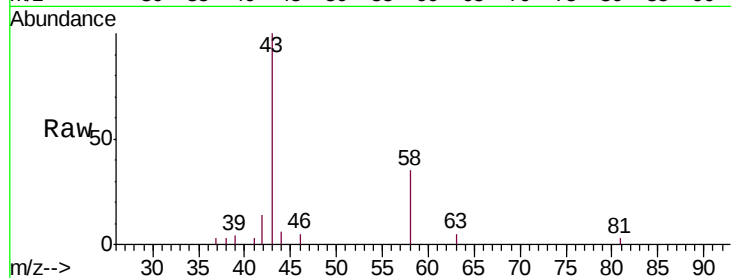
BEZY8

Tgt Ion: 43 Resp: 9187

Ion Ratio Lower Upper

43 100

58 32.7 0.0 65.4



#16

Methylene chloride

Concen: 0.944 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009037.D

Acq: 19 Dec 2018 02:32

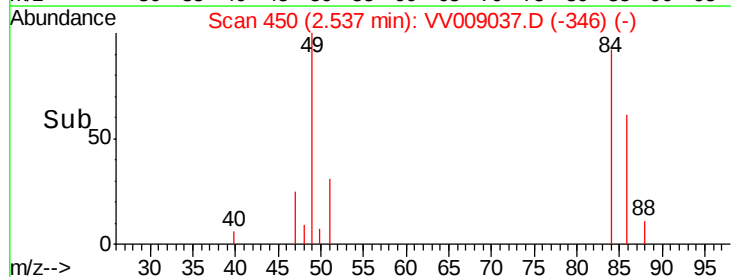
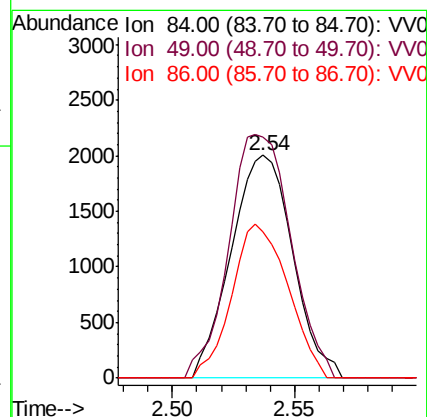
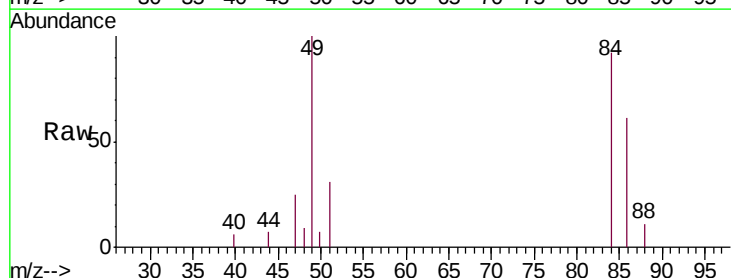
Tgt Ion: 84 Resp: 3518

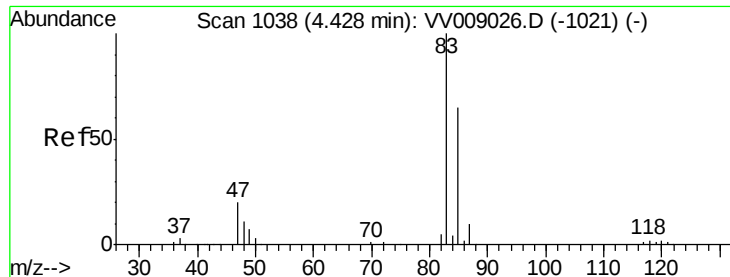
Ion Ratio Lower Upper

84 100

49 108.4 80.5 149.5

86 65.6 45.5 84.5

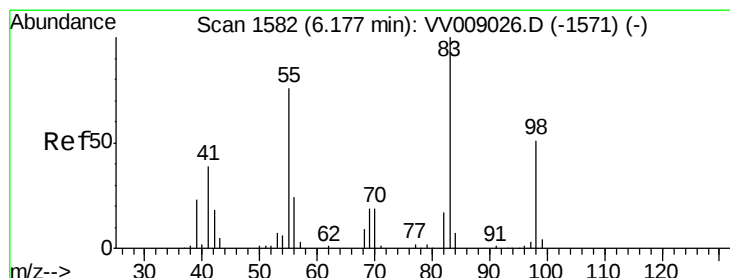
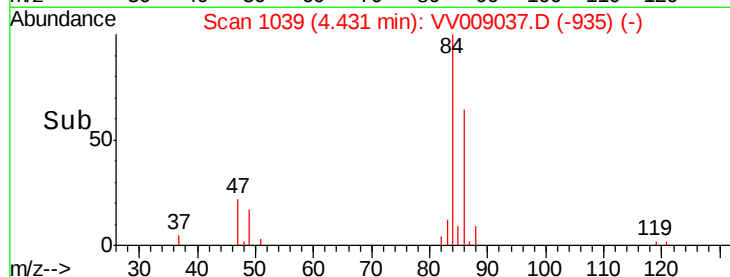
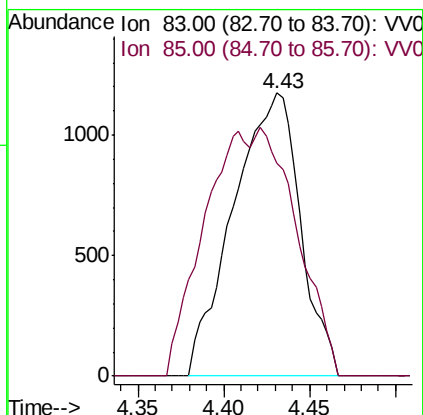
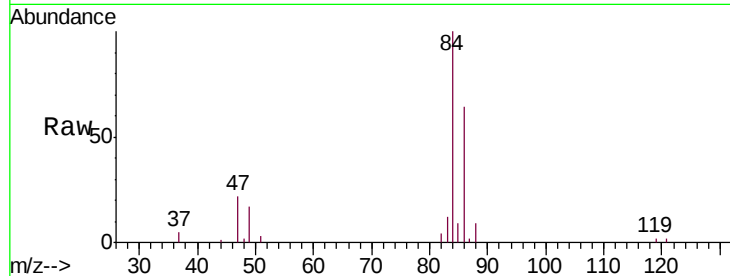




#25
Chloroform
Concen: 0.593 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV009037.D
Acq: 19 Dec 2018 02:32

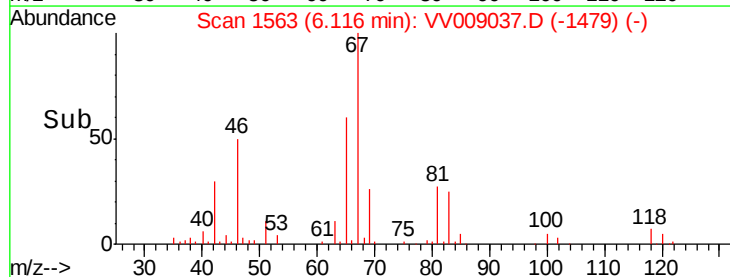
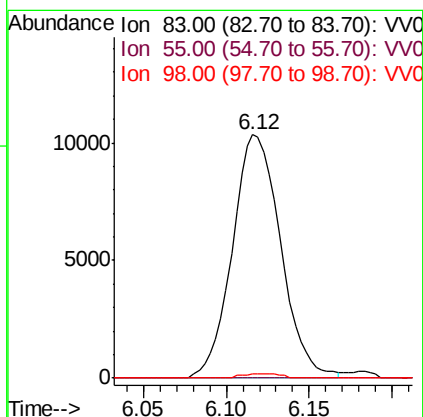
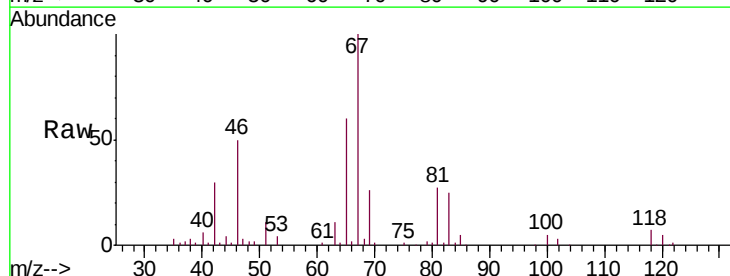
Instrument :
MSVOA_V
ClientSampleId :
BEZY8

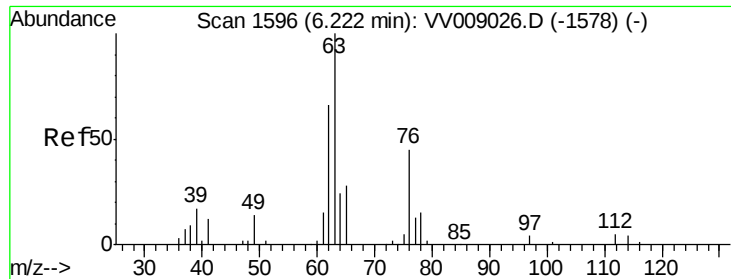
Tgt Ion: 83 Resp: 3182
Ion Ratio Lower Upper
83 100
85 60.9 45.6 84.8



#36
Methylcyclohexane
Concen: 4.017 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009037.D
Acq: 19 Dec 2018 02:32

Tgt Ion: 83 Resp: 20972
Ion Ratio Lower Upper
83 100
55 0.0 58.2 87.2#
98 1.4 37.8 56.8#

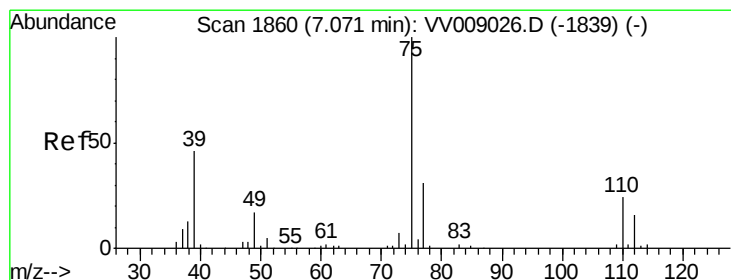
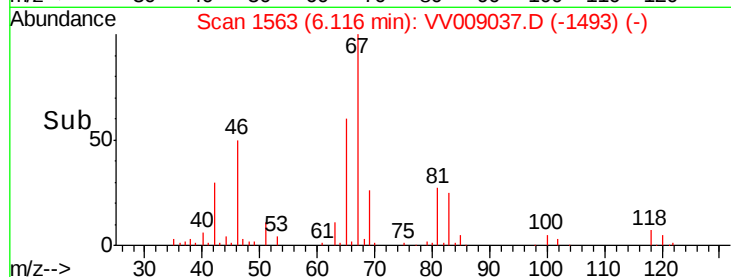
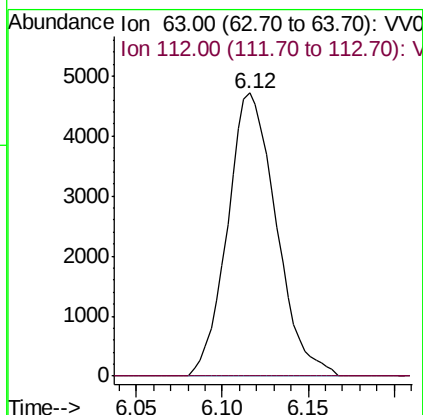
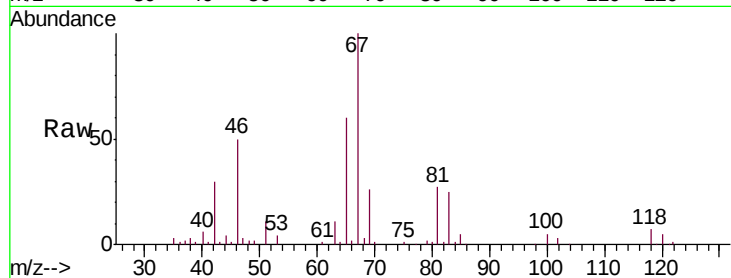




#40
 1,2-Dichloropropane
 Concen: 3.581 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.11 min
 Lab File: VV009037.D
 Acq: 19 Dec 2018 02:32

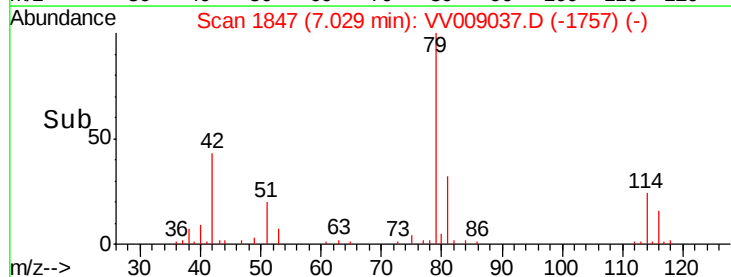
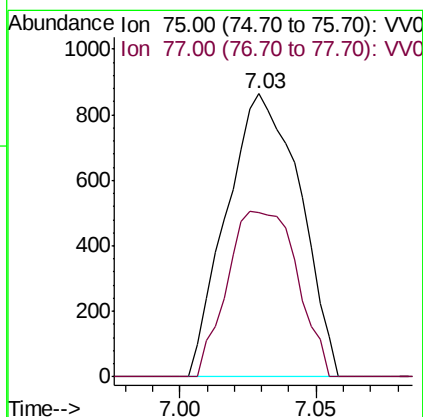
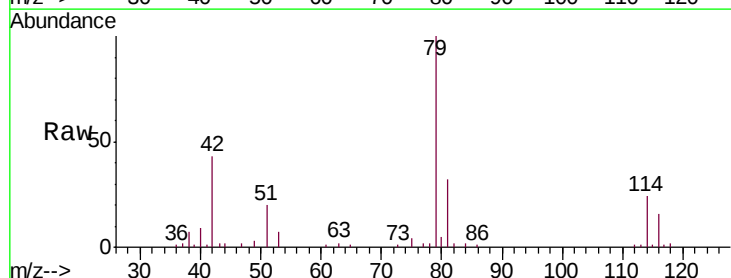
Instrument :
 MSVOA_V
 ClientSampled :
 BEZY8

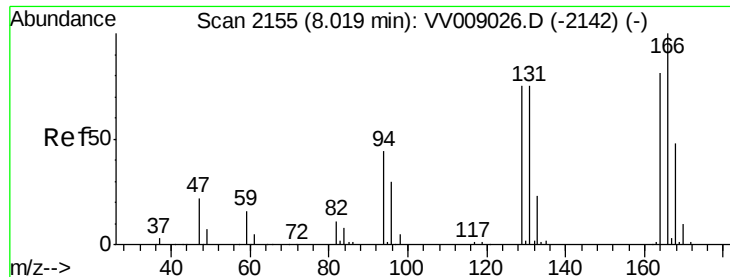
Tgt Ion: 63 Resp: 9330
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.424 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009037.D
 Acq: 19 Dec 2018 02:32

Tgt Ion: 75 Resp: 1617
 Ion Ratio Lower Upper
 75 100
 77 57.9 21.3 39.6#





#47

Tetrachloroethene

Concen: 0.857 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009037.D

Acq: 19 Dec 2018 02:32

Instrument :

MSVOA_V

ClientSampled :

BEZY8

Tgt Ion:164 Resp: 2282

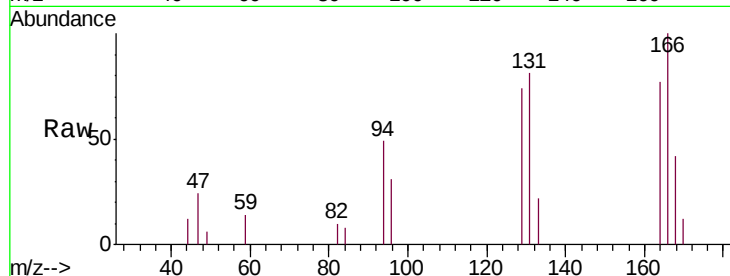
Ion Ratio Lower Upper

164 100

129 96.1 64.6 120.0

131 104.9 64.5 119.7

166 129.2 88.7 164.7

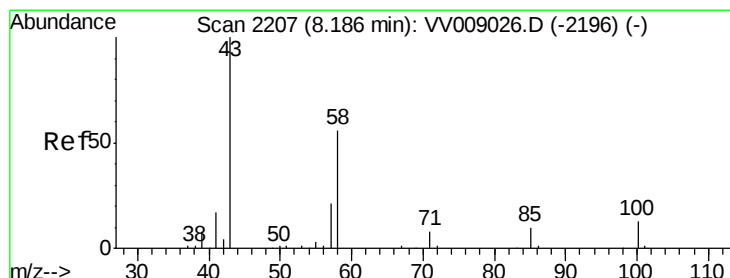
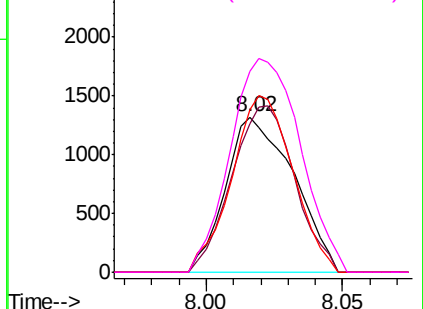
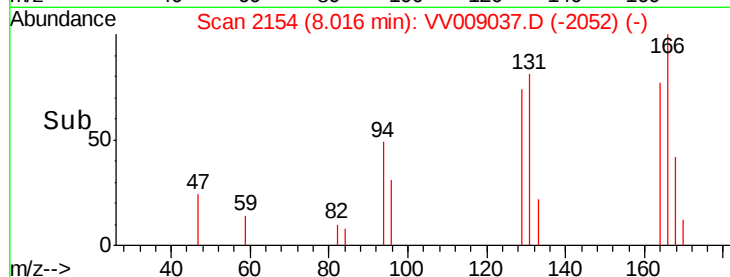


Abundance Ion 164.00 (163.70 to 164.70): V

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: 3.946 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.01 min

Lab File: VV009037.D

Acq: 19 Dec 2018 02:32

Tgt Ion: 43 Resp: 5750

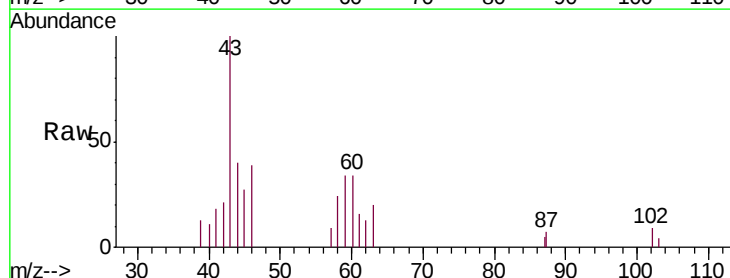
Ion Ratio Lower Upper

43 100

58 6.9 43.9 65.9#

57 1.1 15.7 23.5#

100 0.0 11.0 16.4#

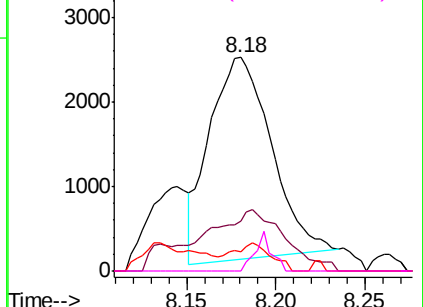
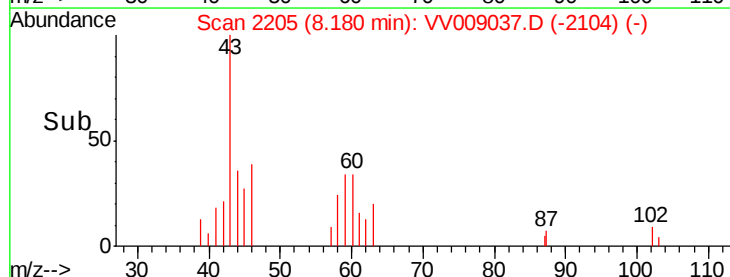


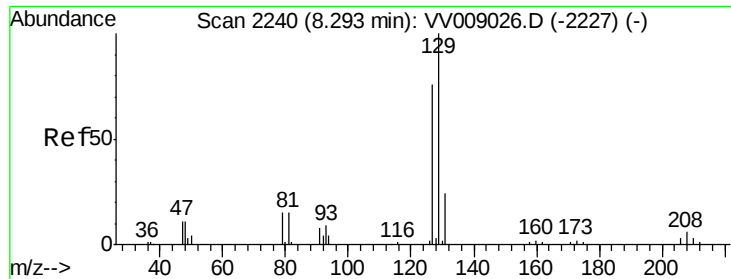
Abundance Ion 43.00 (42.70 to 43.70): VV0

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

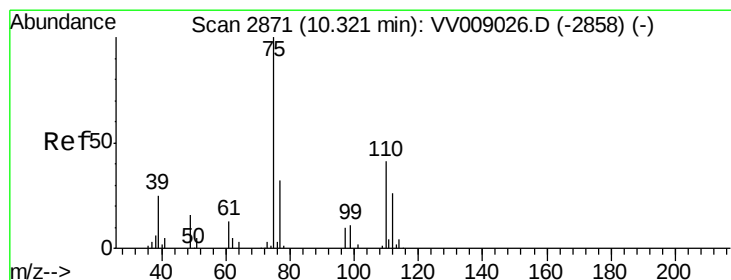
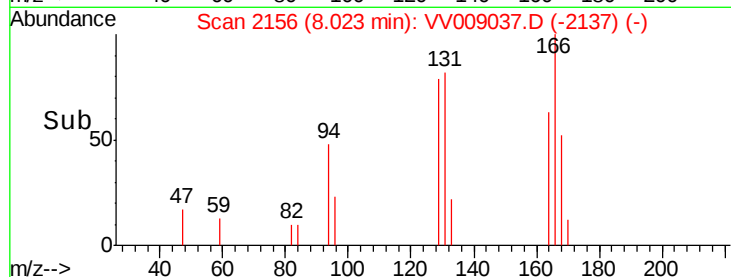
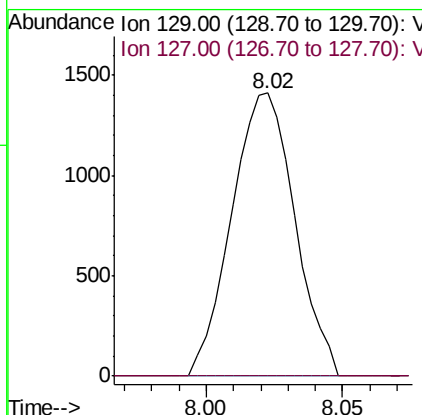
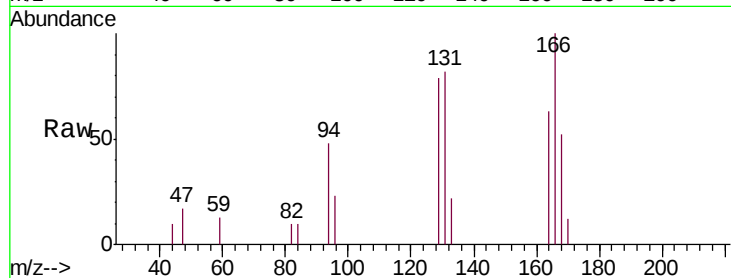




#50
 Dibromochloromethane
 Concen: 0.912 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. -0.27 min
 Lab File: VV009037.D
 Acq: 19 Dec 2018 02:32

Instrument :
 MSVOA_V
 ClientSampleId :
 BEZY8

Tgt Ion: 129 Resp: 2269
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.5 99.3#



#59
 1,2,3-Trichloropropane
 Concen: 3.793 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.97 min
 Lab File: VV009037.D
 Acq: 19 Dec 2018 02:32

Tgt Ion: 75 Resp: 7703
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.6 38.4

