

Data File : VV009038.D
Acq On : 19 Dec 2018 02:57
Operator : SY/MD
Sample : J6419-11
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY9

Quant Time: Dec 19 07:25:58 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	199158	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168536	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	55494	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50133	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
7) Chloroethane-d5	1.58	69	50604	33.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.96%
10) 1,1-Dichloroethene-d2	2.13	63	93716	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	3.94	46	28079	37.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.84%
24) Chloroform-d	4.40	84	128567	26.85	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.08	65	79993	30.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.48%
29) Benzene-d6	5.10	84	253221	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	6.12	67	77258	29.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.28%
37) Toluene-d8	7.36	98	211736	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.24%
38) trans-1,3-Dichloropropene-	7.67	79	24139	20.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.40%
39) 2-Hexanone-d5	8.14	63	17632	36.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68963	31.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.80%#
61) 1,2-Dichlorobenzene-d4	11.68	152	52186	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds

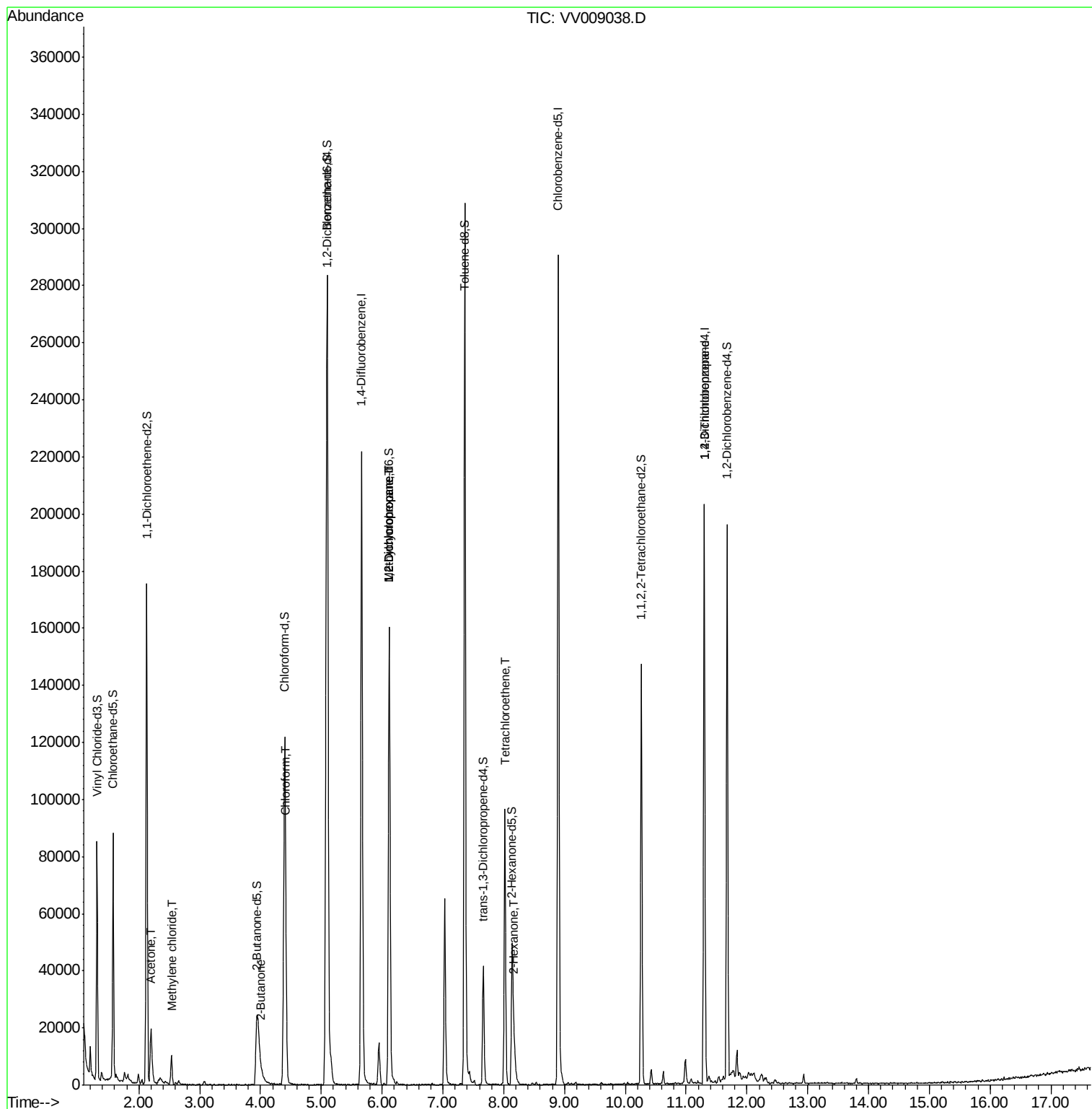
					Qvalue
13) Acetone	2.20	43	27181	24.587	ug/L 97
16) Methylene chloride	2.54	84	4418	1.317	ug/L 99
21) 2-Butanone	4.02	43	3555	3.431	ug/L # 57
25) Chloroform	4.42	83	3324	0.689	ug/L # 75
36) Methylcyclohexane	6.12	83	19665	4.050	ug/L # 20
40) 1,2-Dichloropropane	6.12	63	8455	3.489	ug/L # 85
47) Tetrachloroethene	8.02	164	22095	8.925	ug/L 97
49) 2-Hexanone	8.17	43	7686	5.672	ug/L # 44
59) 1,2,3-Trichloropropane	11.30	75	6310	3.341	ug/L 89

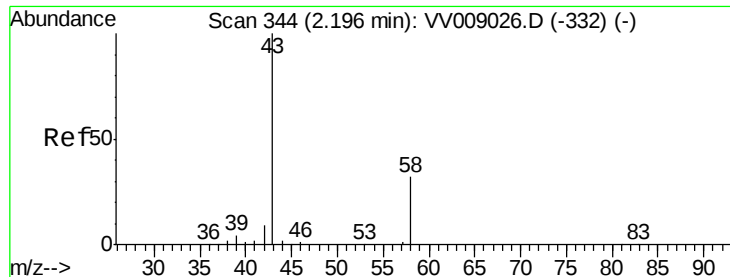
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009038.D
Acq On : 19 Dec 2018 02:57
Operator : SY/MD
Sample : J6419-11
Misc : 5.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BEZY9

Quant Time: Dec 19 07:25:58 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: 24.587 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

Instrument :

MSVOA_V

ClientSampleId :

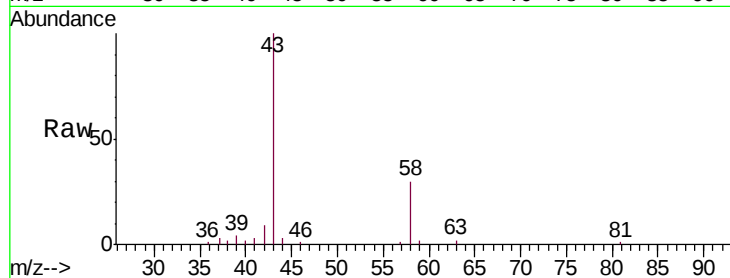
BEZY9

Tgt Ion: 43 Resp: 27181

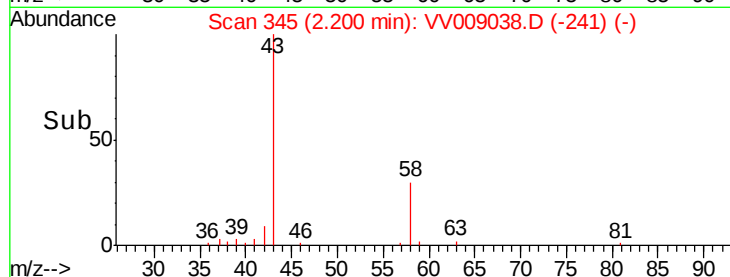
Ion Ratio Lower Upper

43 100

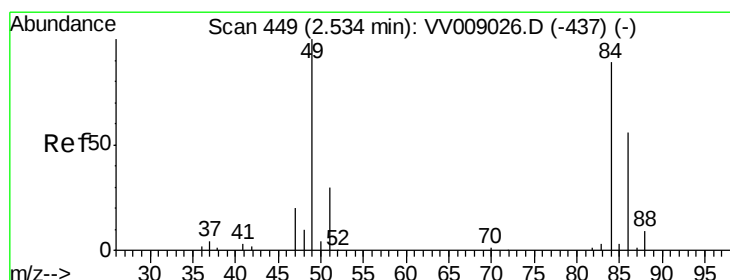
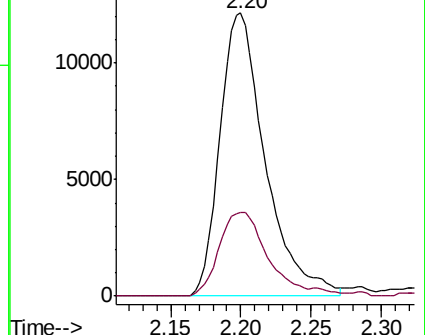
58 31.0 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009038.D (-241) (-)



Ion 58.00 (57.70 to 58.70): VV009038.D (-241) (-)



#16

Methylene chloride

Concen: 1.317 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

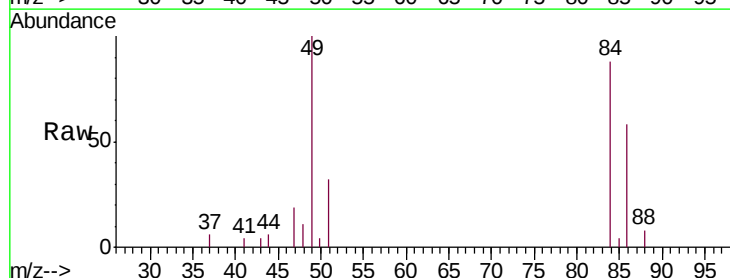
Tgt Ion: 84 Resp: 4418

Ion Ratio Lower Upper

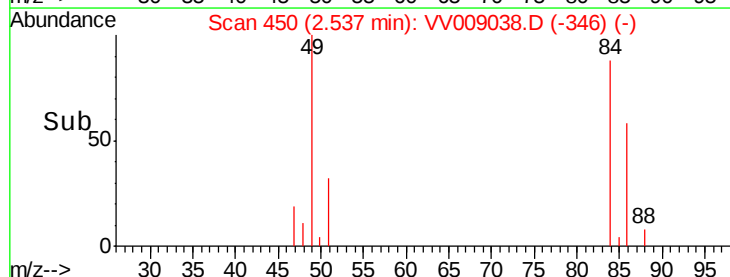
84 100

49 114.0 80.5 149.5

86 66.6 45.5 84.5

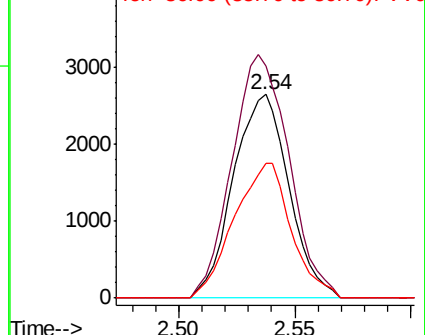


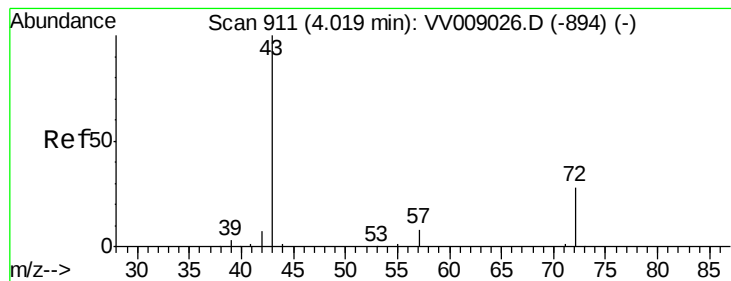
Abundance Ion 84.00 (83.70 to 84.70): VV009038.D (-346) (-)



Ion 49.00 (48.70 to 49.70): VV009038.D (-346) (-)

Ion 86.00 (85.70 to 86.70): VV009038.D (-346) (-)





#21

2-Butanone

Concen: 3.431 ug/L

RT: 4.02 min Scan# 910

Delta R.T. -0.00 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

Instrument :

MSVOA_V

ClientSampleId :

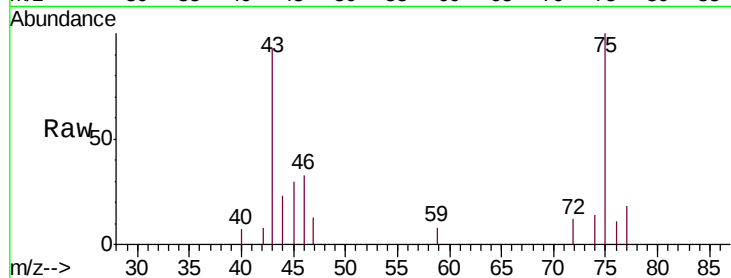
BEZY9

Tgt Ion: 43 Resp: 3555

Ion Ratio Lower Upper

43 100

72 4.8 13.7 41.1#



Abundance Ion 43.00 (42.70 to 43.70): VV009026.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV009026.D (-894) (-)

4.02

1500

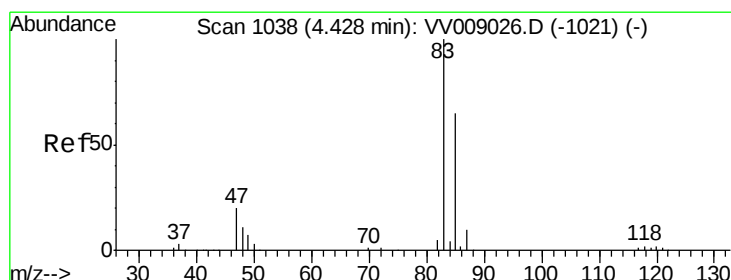
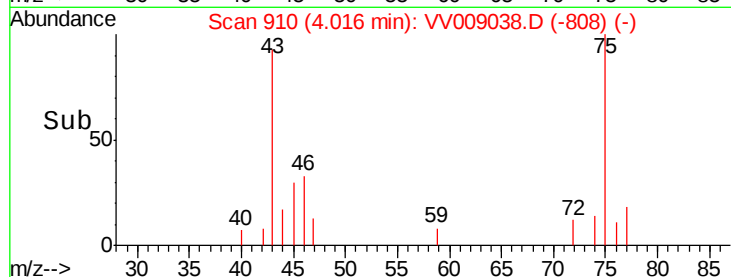
1000

500

0

3.95 4.00 4.05

Time-->



#25

Chloroform

Concen: 0.689 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VV009038.D

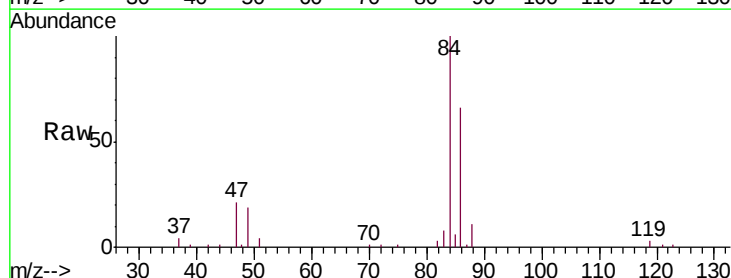
Acq: 19 Dec 2018 02:57

Tgt Ion: 83 Resp: 3324

Ion Ratio Lower Upper

83 100

85 45.2 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV009026.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV009026.D (-1021) (-)

4.42

1500

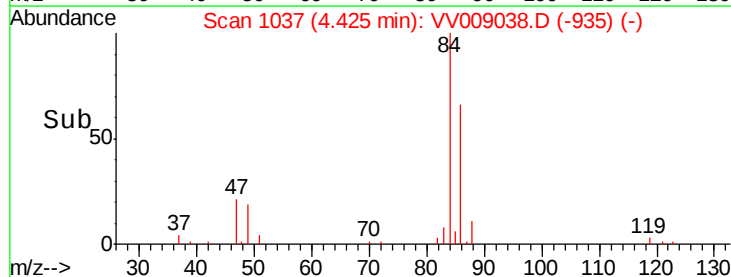
1000

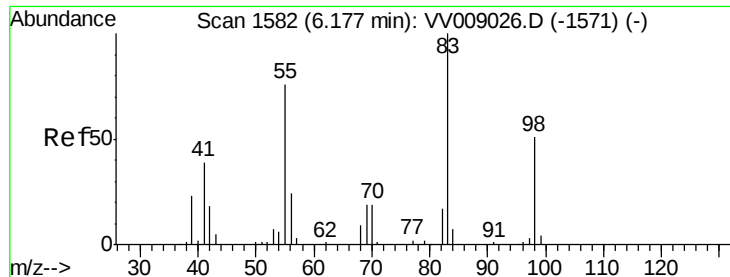
500

0

4.35 4.40 4.45 4.50

Time-->

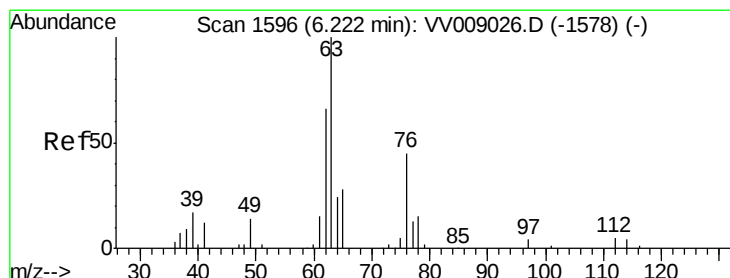
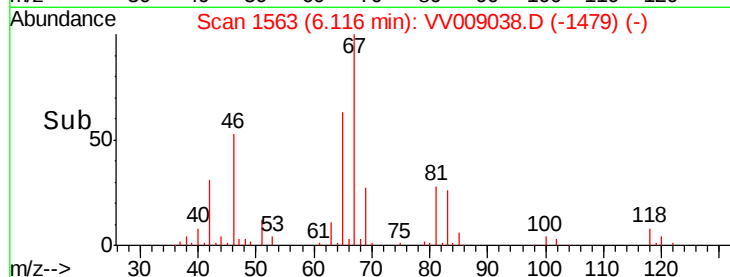
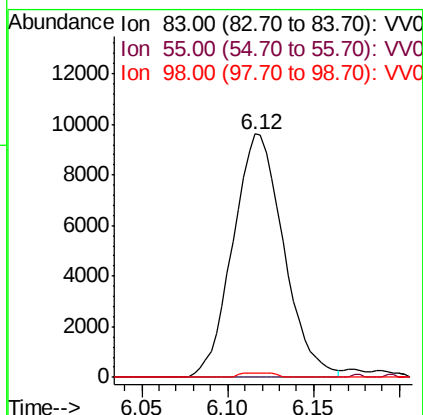
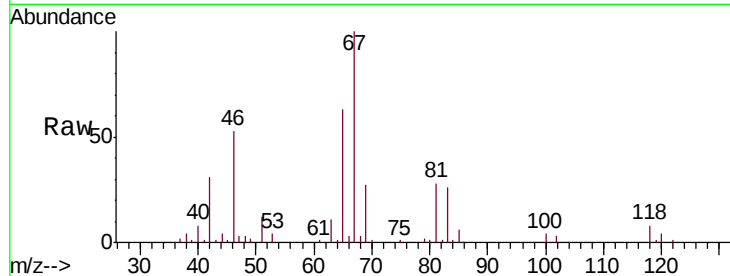




#36
Methylcyclohexane
Concen: 4.050 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009038.D
Acq: 19 Dec 2018 02:57

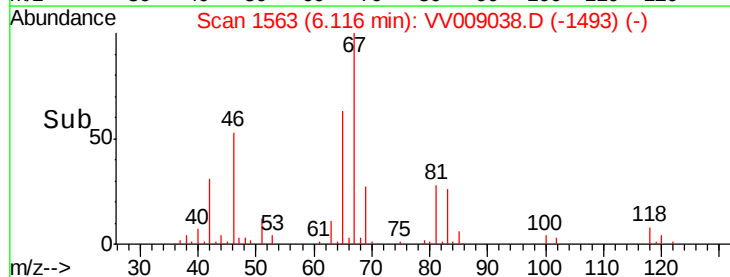
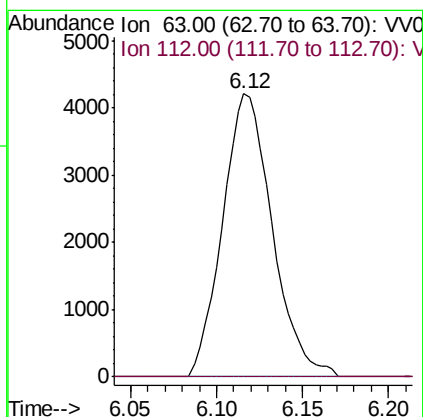
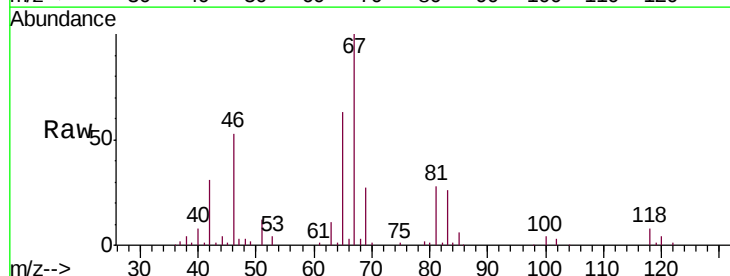
Instrument :
MSVOA_V
ClientSampleId :
BEZY9

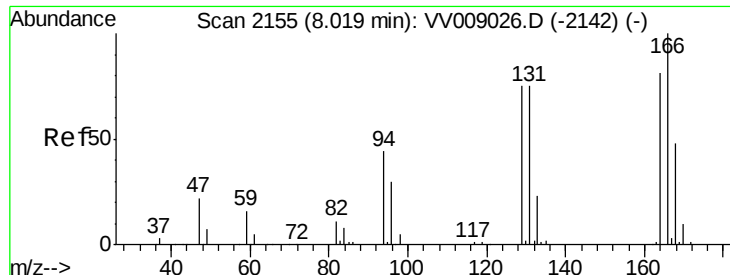
Tgt Ion: 83 Resp: 19665
Ion Ratio Lower Upper
83 100
55 0.2 58.2 87.2#
98 1.2 37.8 56.8#



#40
1,2-Dichloropropane
Concen: 3.489 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009038.D
Acq: 19 Dec 2018 02:57

Tgt Ion: 63 Resp: 8455
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#47

Tetrachloroethene

Concen: 8.925 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

Instrument :

MSVOA_V

ClientSampleId :

BEZY9

Tgt Ion:164 Resp: 22095

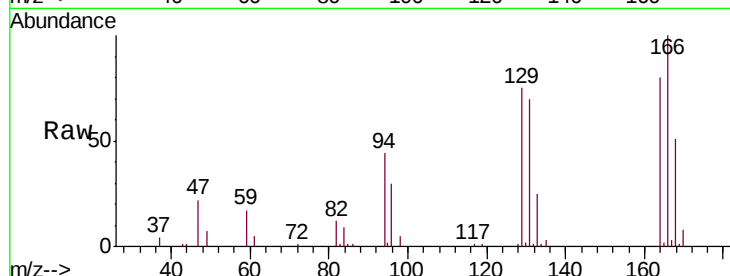
Ion Ratio Lower Upper

164 100

129 94.4 64.6 120.0

131 87.6 64.5 119.7

166 125.0 88.7 164.7

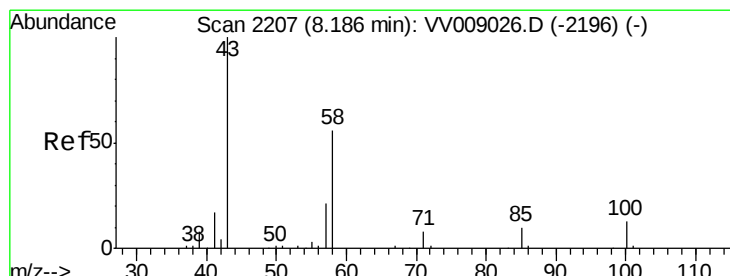
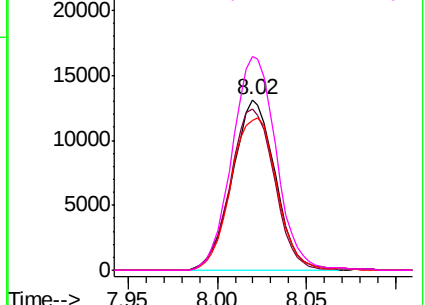
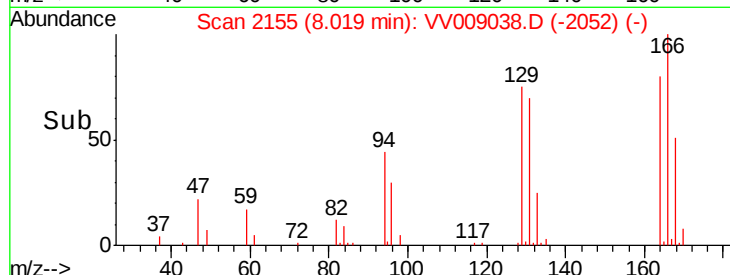


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.672 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. -0.01 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

Tgt Ion: 43 Resp: 7686

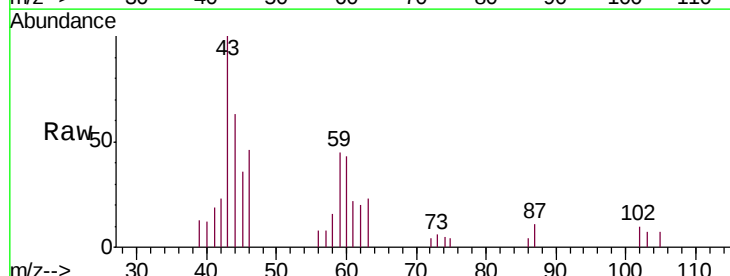
Ion Ratio Lower Upper

43 100

58 5.8 43.9 65.9#

57 0.0 15.7 23.5#

100 2.2 11.0 16.4#

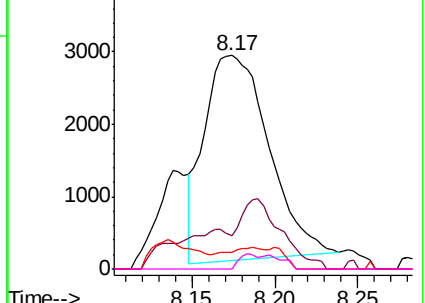
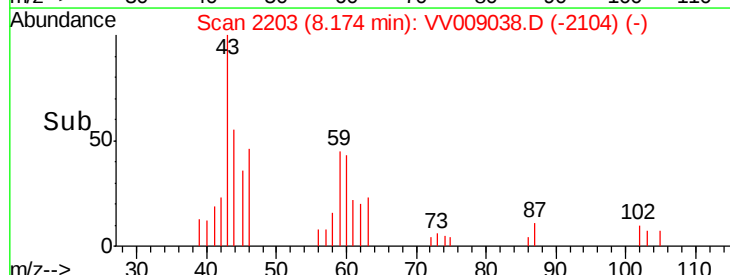


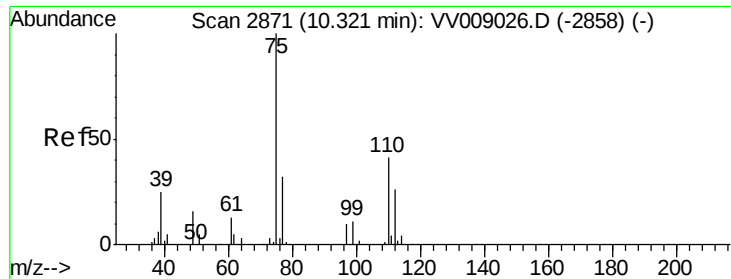
Abundance Ion 43.00 (42.70 to 43.70): VV0

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





#59

1,2,3-Trichloropropane

Concen: 3.341 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009038.D

Acq: 19 Dec 2018 02:57

Instrument :

MSVOA_V

ClientSampleId :

BEZY9

Tgt Ion: 75 Resp: 6310

Ion Ratio Lower Upper

75 100

77 38.1 25.6 38.4

