

Data File : VV009572.D
Acq On : 10 Mar 2019 17:33
Operator : SY/MD
Sample : K1818-09
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q9

Quant Time: Mar 11 04:52:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	118215	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25225	17.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.92%
7) Chloroethane-d5	1.57	69	39222	19.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.24%
10) 1,1-Dichloroethene-d2	2.13	63	57080	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.95	46	24720	50.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.96%
24) Chloroform-d	4.40	84	65792	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.08	65	41231	25.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.96%
29) Benzene-d6	5.10	84	131607	23.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.76%
33) 1,2-Dichloropropane-d6	6.12	67	41465	24.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.04%
37) Toluene-d8	7.36	98	124574	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	7.67	79	17023	20.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.92%
39) 2-Hexanone-d5	8.14	63	19704	50.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42892	24.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.16%
61) 1,2-Dichlorobenzene-d4	11.67	152	44280	23.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.52%

Target Compounds

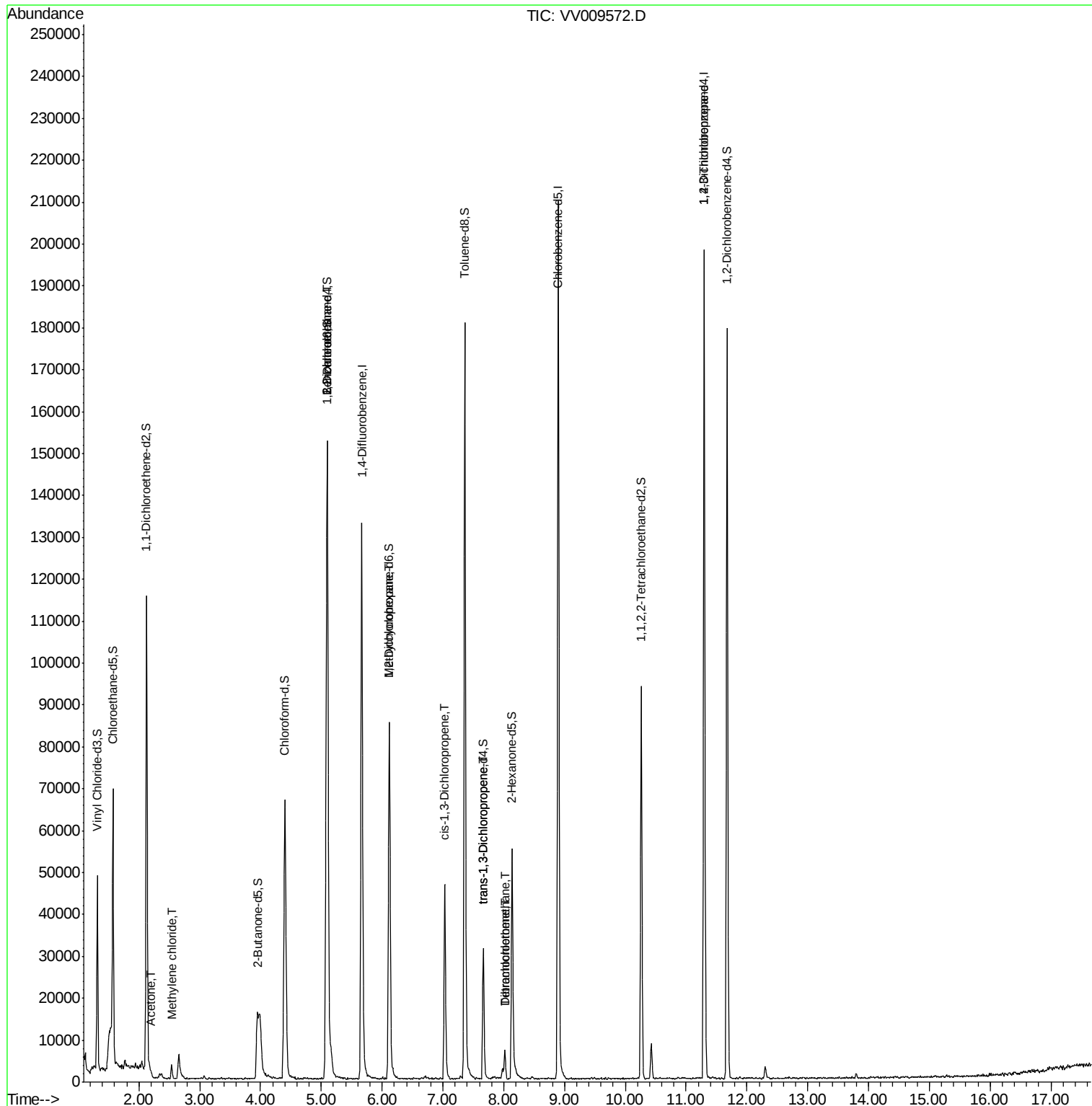
					Qvalue
13) Acetone	2.20	43	1035	2.099 ug/L	79
16) Methylene chloride	2.54	84	1212	0.781 ug/L	97
27) 1,2-Dichloroethane	5.10	62	748	0.388 ug/L #	77
36) Methylcyclohexane	6.12	83	9846	3.553 ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1552	0.655 ug/L #	78
45) trans-1,3-Dichloropropene	7.66	75	987	0.477 ug/L	99
47) Tetrachloroethene	8.02	164	1397	1.083 ug/L	92
50) Dibromochloromethane	8.02	129	1324	0.862 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7422	5.750 ug/L	94

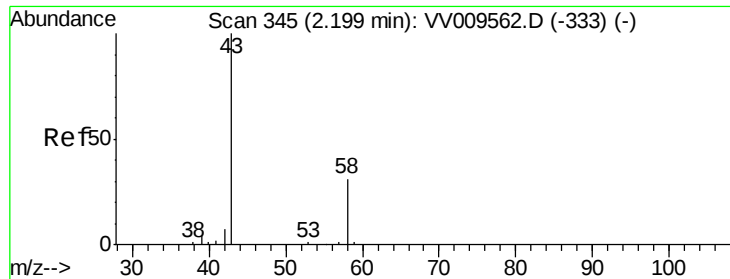
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009572.D
Acq On : 10 Mar 2019 17:33
Operator : SY/MD
Sample : K1818-09
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Q9

Quant Time: Mar 11 04:52:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.099 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.00 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

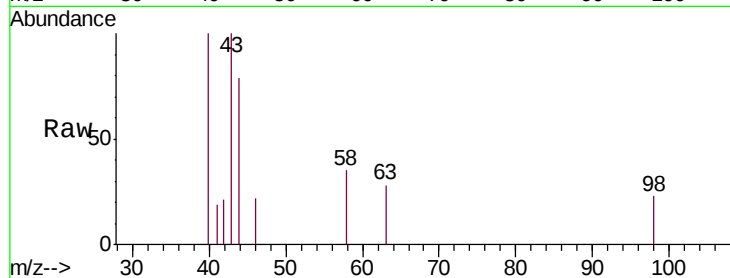
BF0Q9

Tgt Ion: 43 Resp: 1035

Ion Ratio Lower Upper

43 100

58 22.3 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009572.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009572.D (-333) (-)

2.20

600

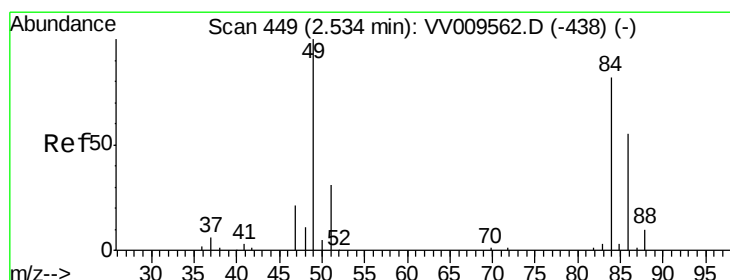
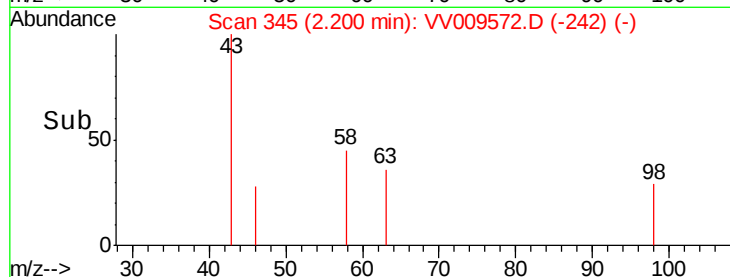
400

200

0

2.16 2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 0.781 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

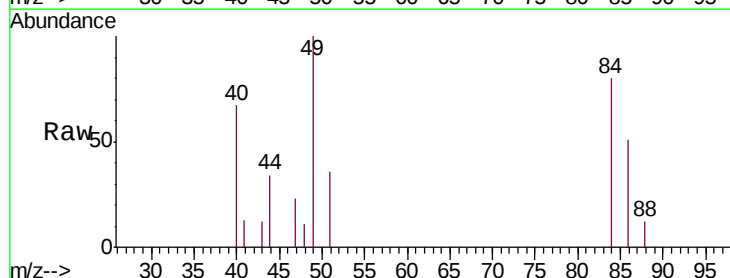
Tgt Ion: 84 Resp: 1212

Ion Ratio Lower Upper

84 100

49 124.8 84.6 157.0

86 64.0 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009572.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV009572.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV009572.D (-438) (-)

2.54

1200

1000

800

600

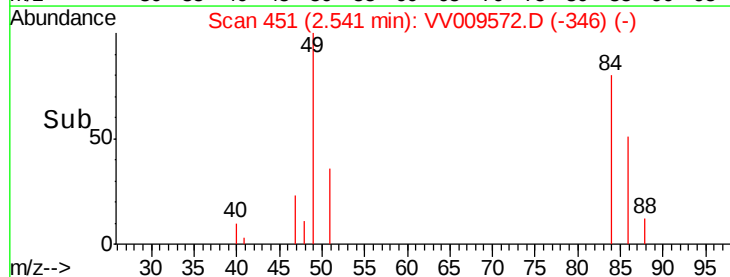
400

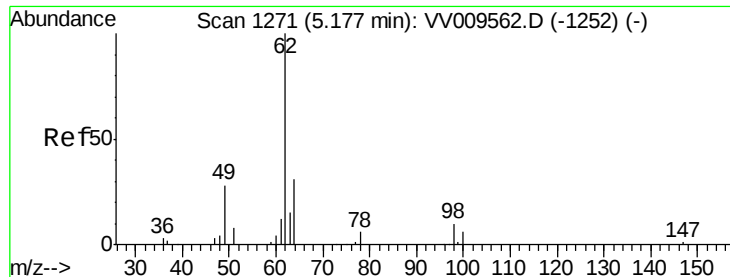
200

0

2.50 2.52 2.54 2.56 2.58

Time-->





#27

1,2-Dichloroethane

Concen: 0.388 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

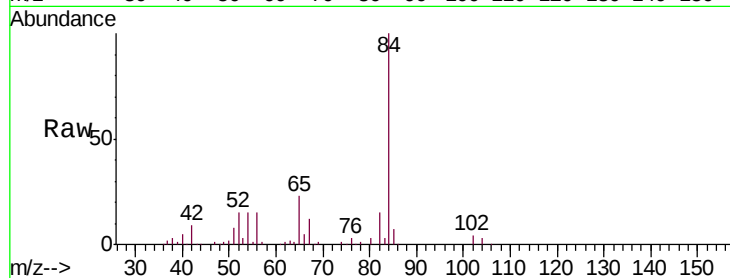
BF0Q9

Tgt Ion: 62 Resp: 748

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

400

300

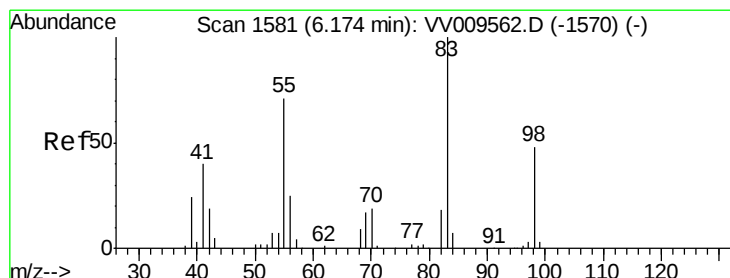
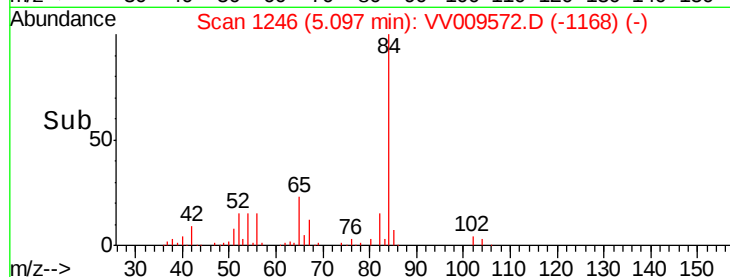
200

100

0

5.06 5.08 5.10 5.12 5.14

Time-->



#36

Methylcyclohexane

Concen: 3.553 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

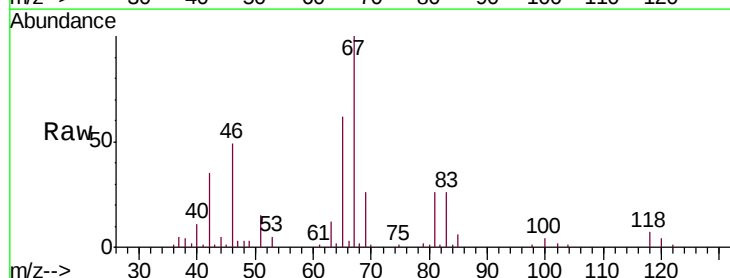
Tgt Ion: 83 Resp: 9846

Ion Ratio Lower Upper

83 100

55 0.0 58.8 88.2#

98 0.5 37.7 56.5#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

6000

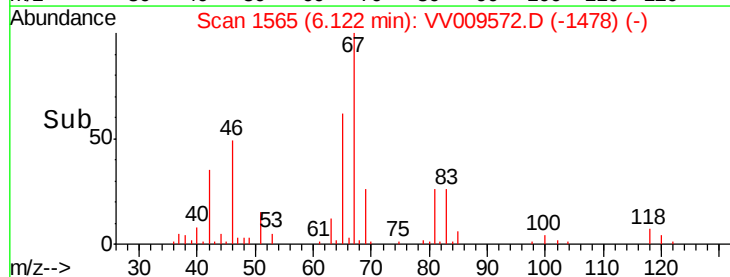
4000

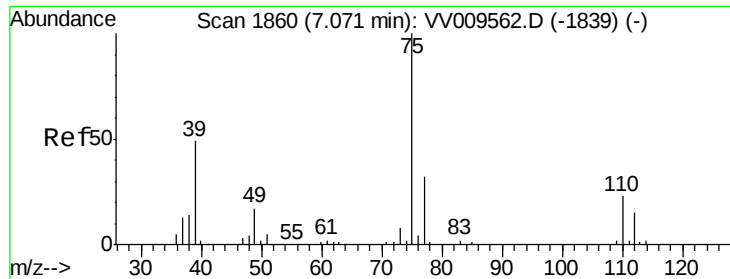
2000

0

6.05 6.10 6.12 6.15

Time-->



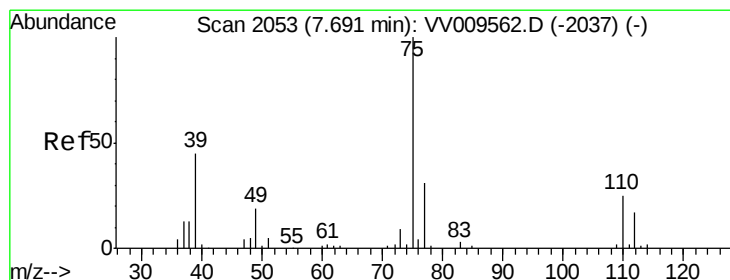
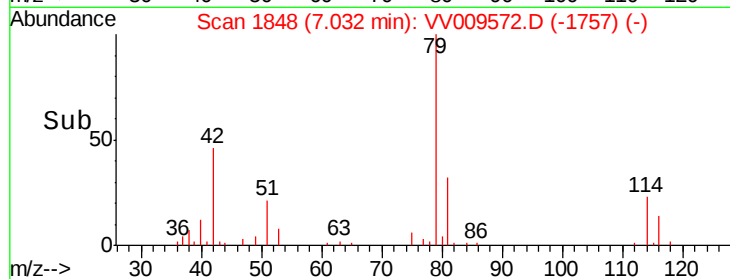
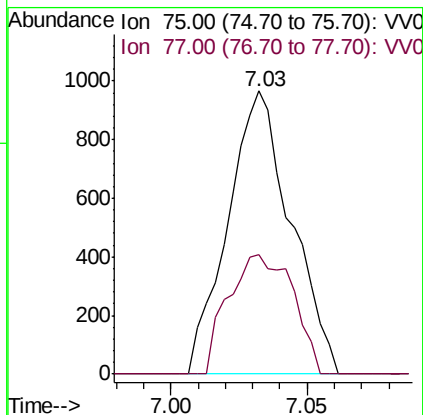
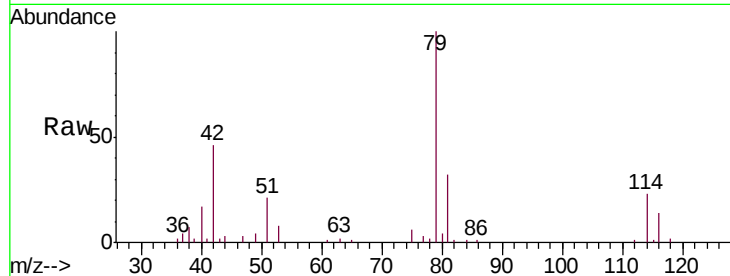


#42

cis-1,3-Dichloropropene
Concen: 0.655 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009572.D
Acq: 10 Mar 2019 17:33

Instrument :
MSVOA_V
ClientSampled :
BF0Q9

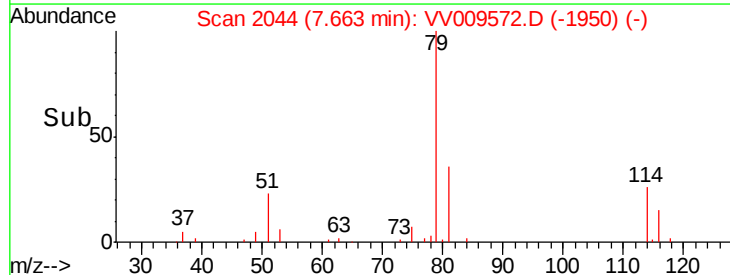
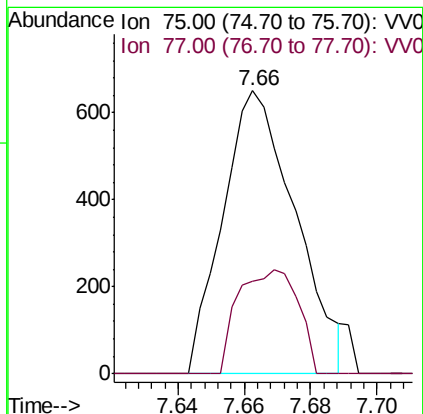
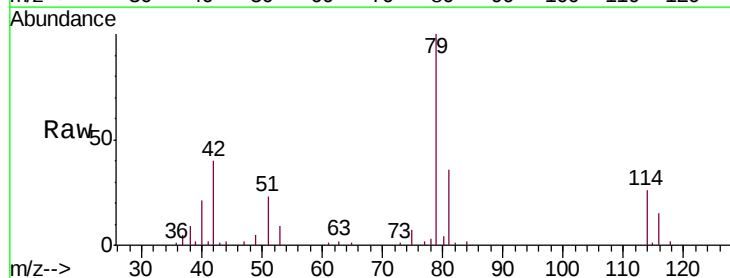
Tgt Ion: 75 Resp: 1552
Ion Ratio Lower Upper
75 100
77 42.4 21.4 39.8#

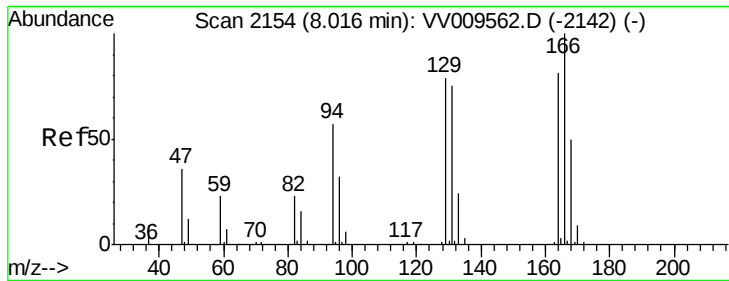


#45

trans-1,3-Dichloropropene
Concen: 0.477 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009572.D
Acq: 10 Mar 2019 17:33

Tgt Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 32.9 22.5 41.7





#47

Tetrachloroethene

Concen: 1.083 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.01 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

BF0Q9

Tgt Ion:164 Resp: 1397

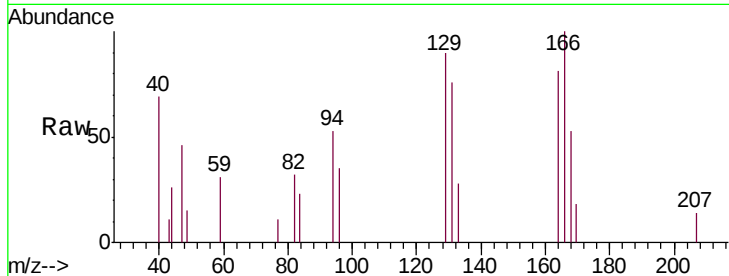
Ion Ratio Lower Upper

164 100

129 111.1 67.7 125.7

131 94.1 67.5 125.3

166 123.3 81.6 151.6



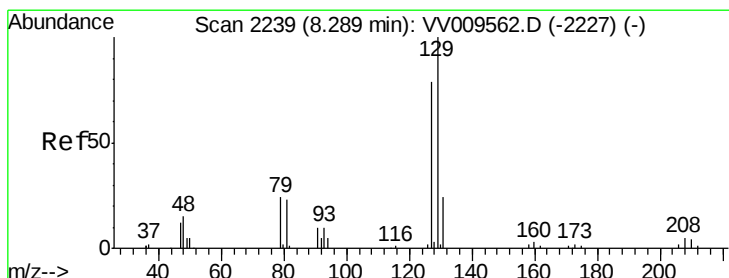
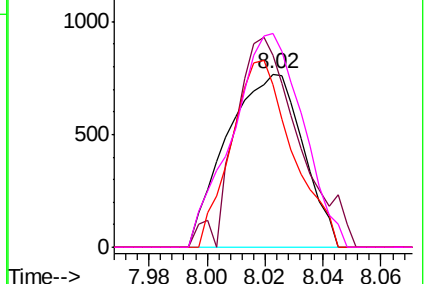
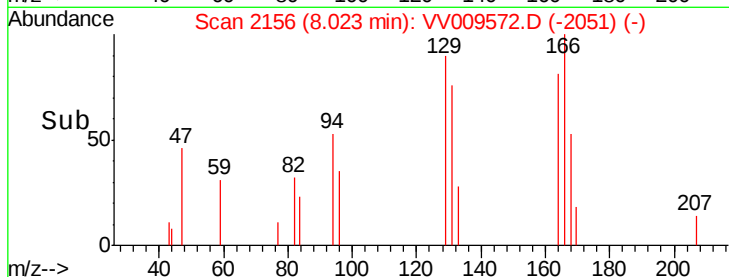
Abundance

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



#50

Dibromochloromethane

Concen: 0.862 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009572.D

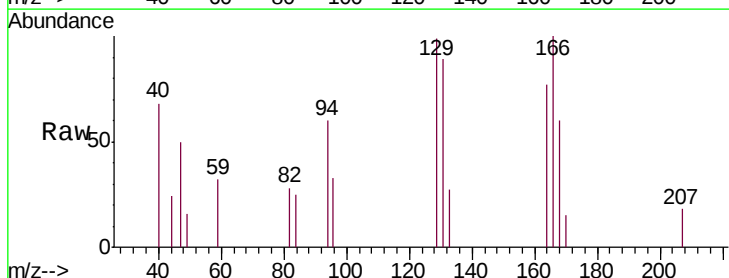
Acq: 10 Mar 2019 17:33

Tgt Ion:129 Resp: 1324

Ion Ratio Lower Upper

129 100

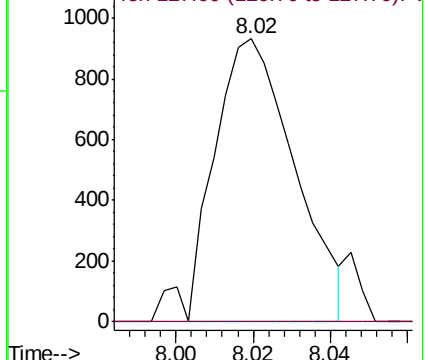
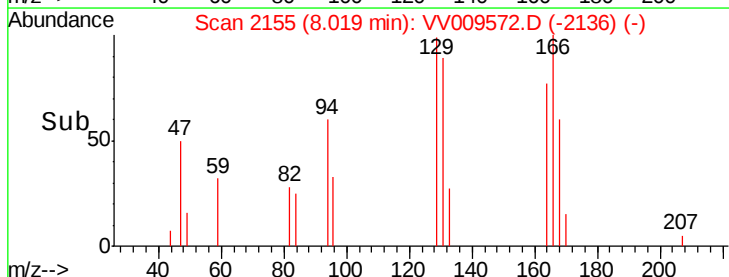
127 0.0 53.7 99.7#

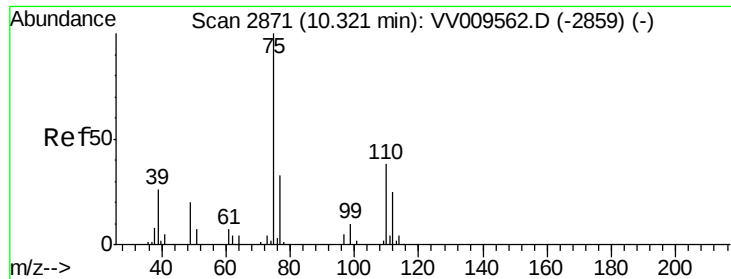


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 5.750 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009572.D

Acq: 10 Mar 2019 17:33

Instrument :

MSVOA_V

ClientSampleId :

BF0Q9

Tgt Ion: 75 Resp: 7422

Ion Ratio Lower Upper

75 100

77 35.8 25.9 38.9

