

Data File : VV009579.D
Acq On : 10 Mar 2019 20:38
Operator : SY/MD
Sample : K1818-20
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0S0

Quant Time: Mar 11 04:53:51 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	121652	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	113576	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49768	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28400	19.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.56%
7) Chloroethane-d5	1.57	69	35014	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.12%
10) 1,1-Dichloroethene-d2	2.13	63	66296	17.40	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.60%
20) 2-Butanone-d5	3.94	46	21420	42.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.84%
24) Chloroform-d	4.40	84	77225	26.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.08	65	44910	27.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.96%
29) Benzene-d6	5.10	84	151064	26.86	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.44%
33) 1,2-Dichloropropane-d6	6.12	67	48284	29.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.36%
37) Toluene-d8	7.36	98	142088	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloropropene-	7.67	79	17588	21.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.44%
39) 2-Hexanone-d5	8.14	63	16775	43.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.60%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41116	23.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	49015	26.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.92%

Target Compounds

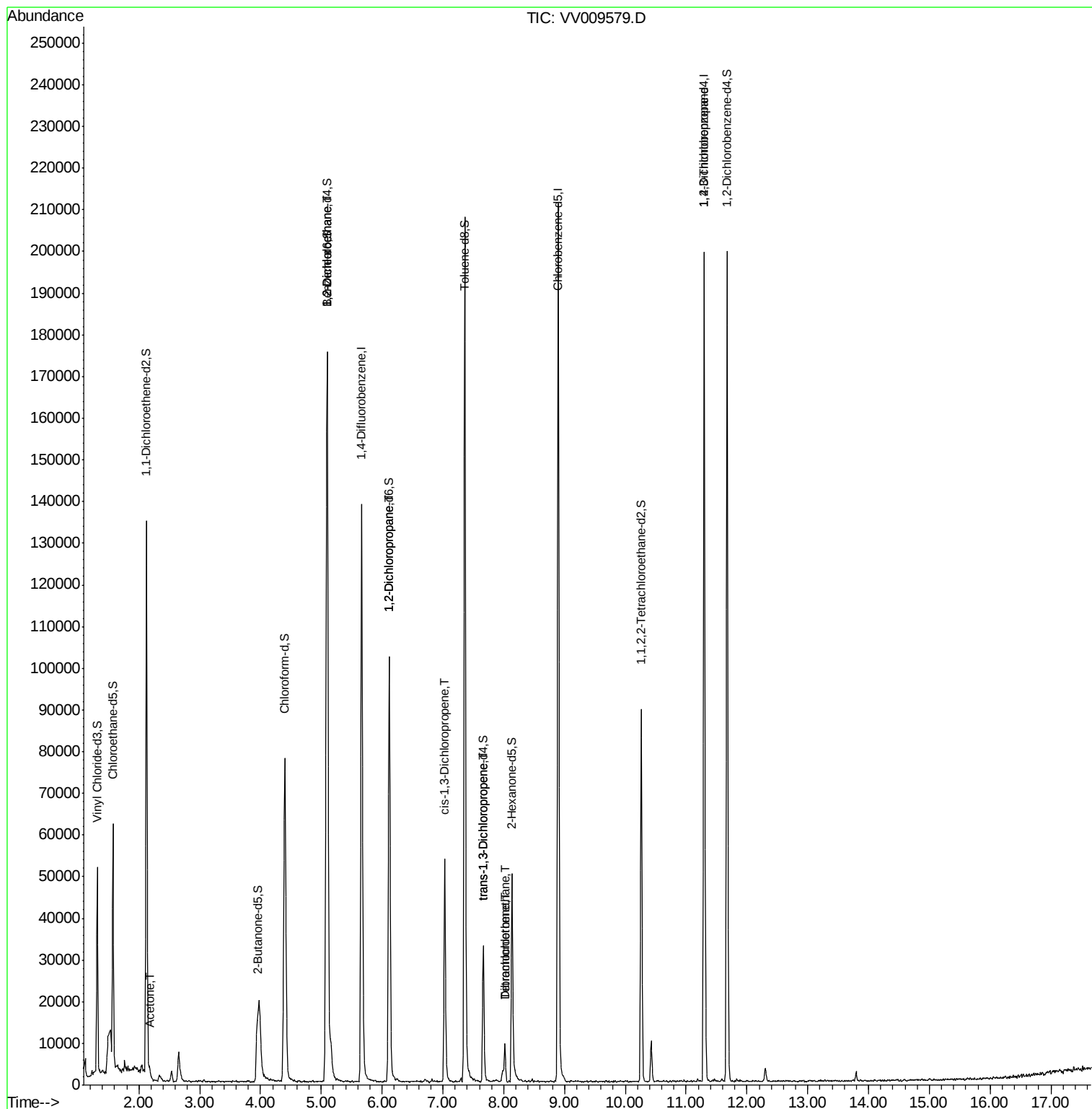
					Qvalue
13) Acetone	2.20	43	797	1.571 ug/L	69
27) 1,2-Dichloroethane	5.10	62	893	0.450 ug/L #	77
40) 1,2-Dichloropropane	6.12	63	5891	3.893 ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1785	0.760 ug/L #	77
45) trans-1,3-Dichloropropene	7.67	75	955	0.465 ug/L	86
47) Tetrachloroethene	8.02	164	1804	1.410 ug/L	88
50) Dibromochloromethane	8.02	129	1724	1.133 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	7614	5.950 ug/L	90

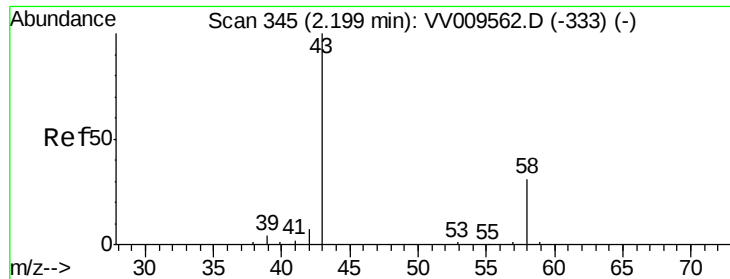
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.571 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.00 min

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Acq: 10 Mar 2019 20:38

Instrument :

MSVOA_V

ClientSampleId :

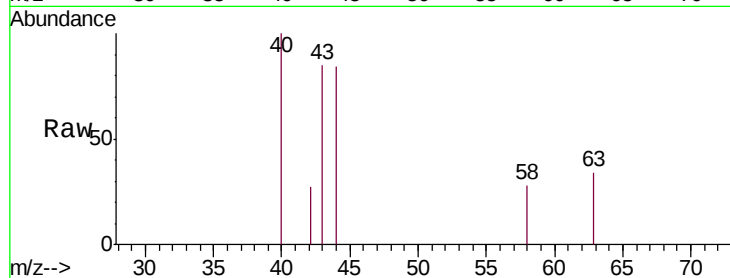
BF0S0

Tgt Ion: 43 Resp: 797

Ion Ratio Lower Upper

43 100

58 16.4 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009562.D (-333) (-)

Ion 58.00 (57.70 to 58.70): VV009562.D (-333) (-)

2.20

500

400

300

200

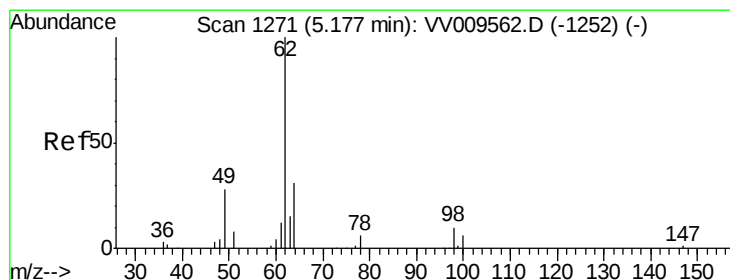
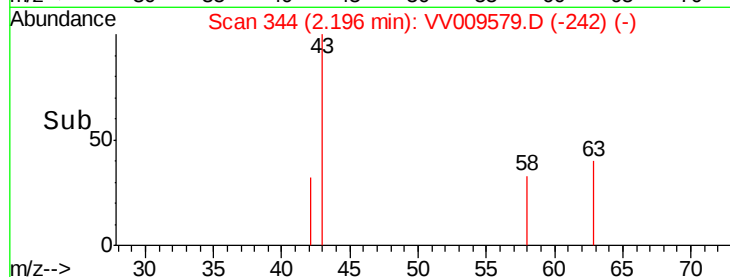
100

0

2.15

2.20

Time-->



#27

1,2-Dichloroethane

Concen: 0.450 ug/L

RT: 5.10 min Scan# 1247

Delta R.T. -0.08 min

Lab File: VV009579.D

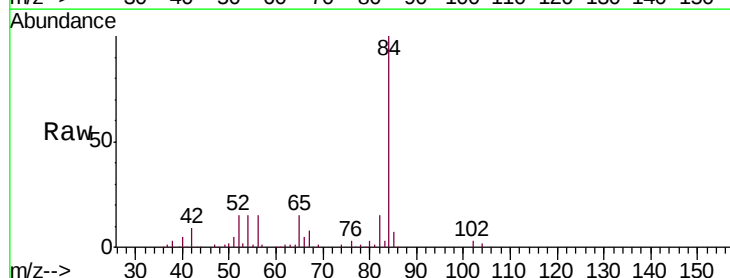
Acq: 10 Mar 2019 20:38

Tgt Ion: 62 Resp: 893

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VV009562.D (-1252) (-)

Ion 98.00 (97.70 to 98.70): VV009562.D (-1252) (-)

5.10

600

500

400

300

200

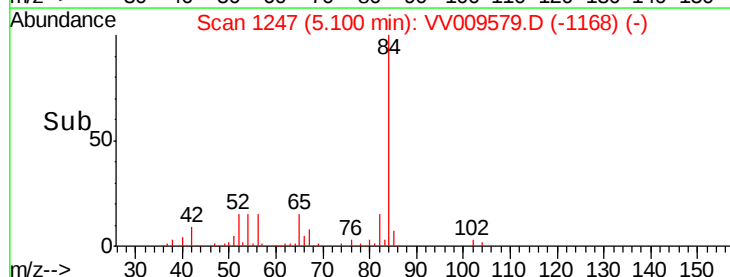
100

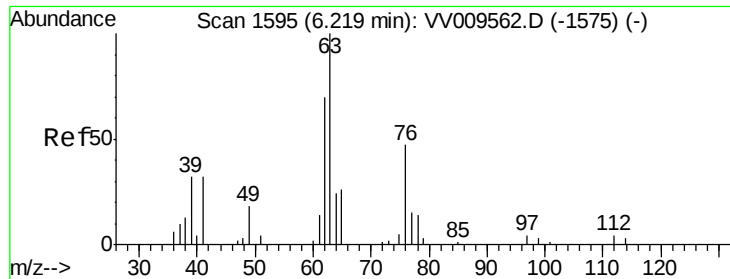
0

5.05

5.10

Time-->

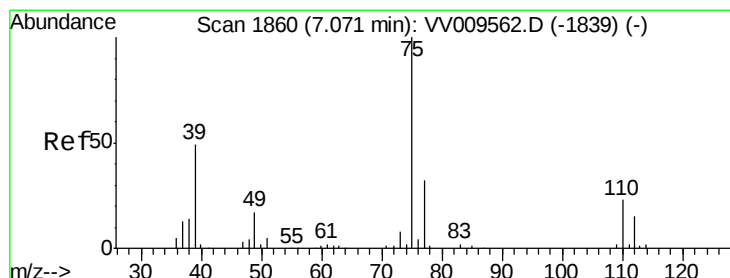
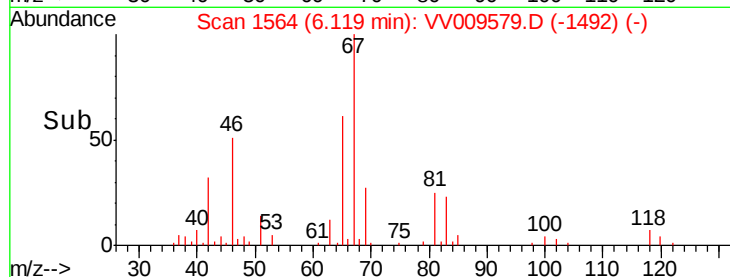
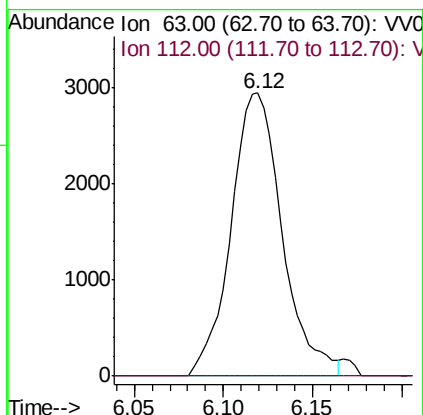
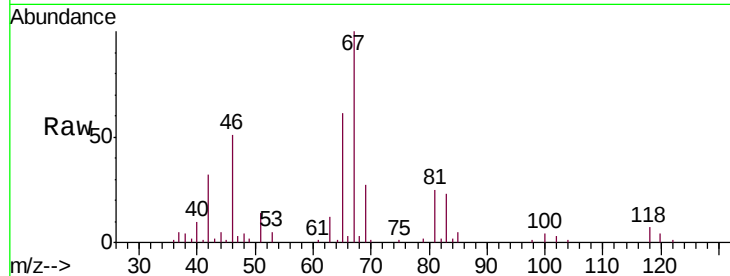




#40
 1,2-Dichloropropane
 Concen: 3.893 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009579.D
 Acq: 10 Mar 2019 20:38

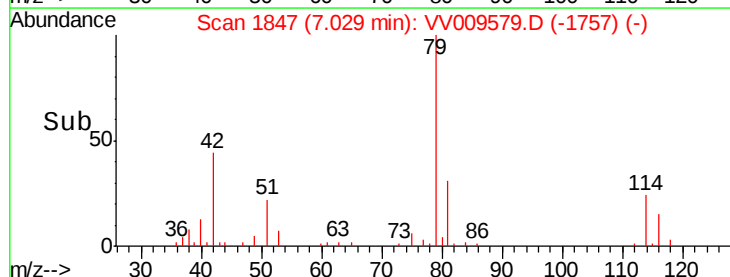
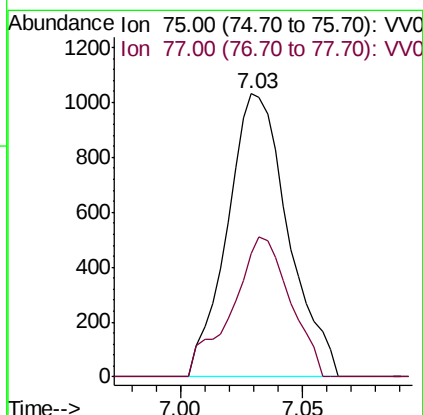
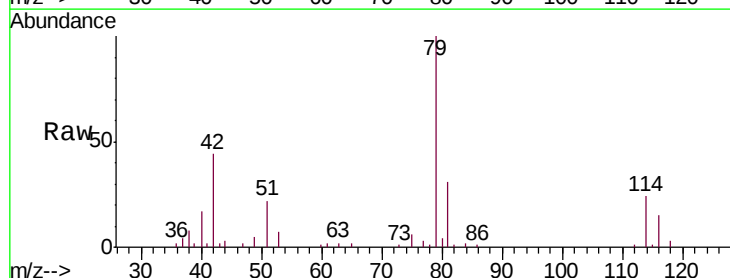
Instrument :
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 BF0S0

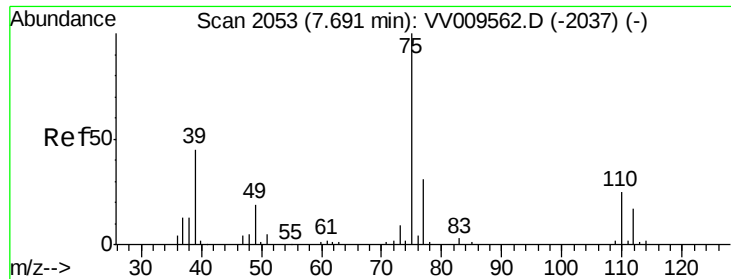
Tgt Ion: 63 Resp: 5891
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.760 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009579.D
 Acq: 10 Mar 2019 20:38

Tgt Ion: 75 Resp: 1785
 Ion Ratio Lower Upper
 75 100
 77 43.4 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.465 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009579.D

Acq: 10 Mar 2019 20:38

Instrument :

MSVOA_V

ClientSampleId :

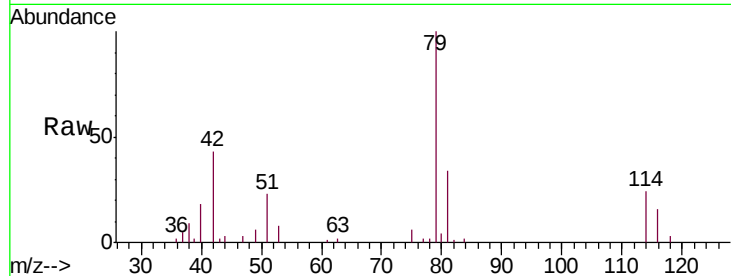
BF0S0

Tgt Ion: 75 Resp: 955

Ion Ratio Lower Upper

75 100

77 39.8 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009562.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV009562.D (-2037) (-)

7.67

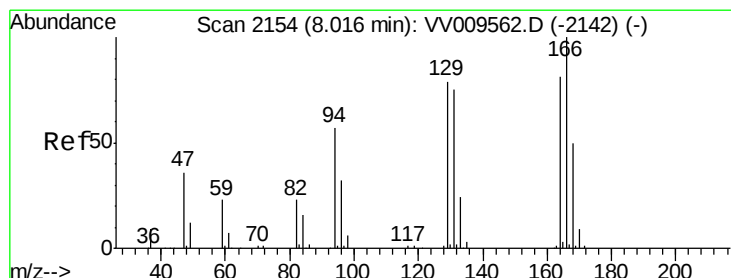
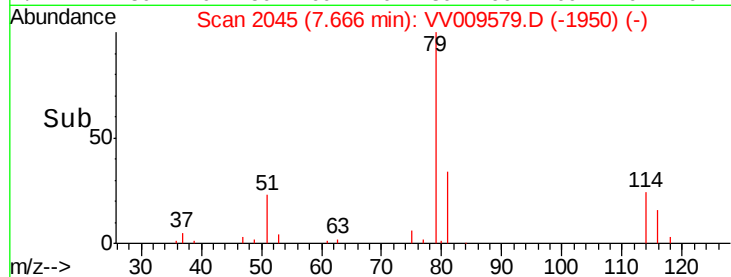
600

400

200

0

Time-->



#47

Tetrachloroethene

Concen: 1.410 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009579.D

Acq: 10 Mar 2019 20:38

Tgt Ion: 164 Resp: 1804

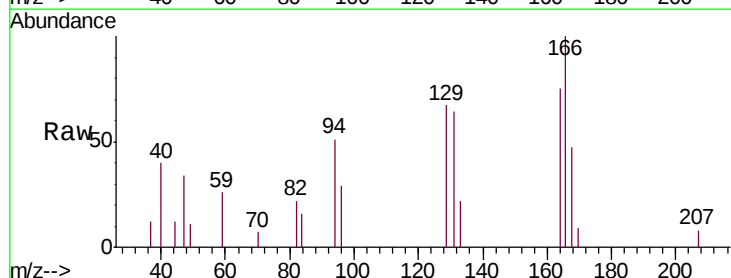
Ion Ratio Lower Upper

164 100

129 89.1 67.7 125.7

131 85.4 67.5 125.3

166 133.6 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009562.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV009562.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV009562.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV009562.D (-2142) (-)

2000

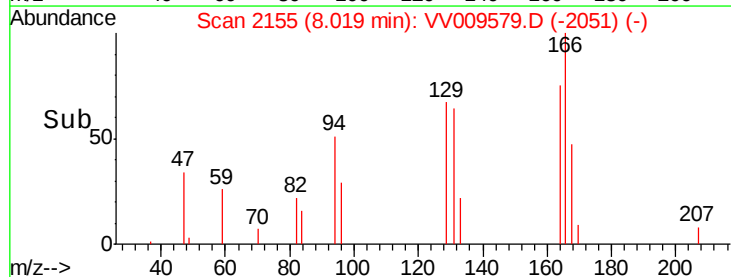
1500

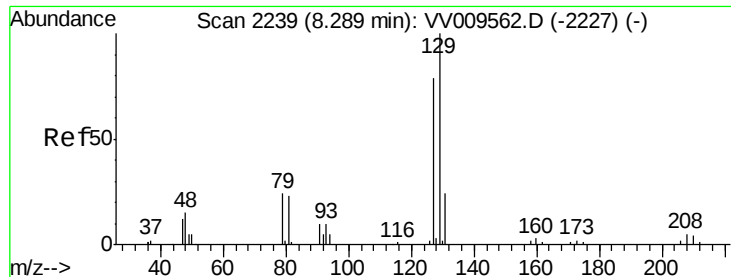
1000

500

0

Time-->





#50

Dibromochloromethane

Concen: 1.133 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV009579.D

Acq: 10 Mar 2019 20:38

Instrument :

MSVOA_V

ClientSampleId :

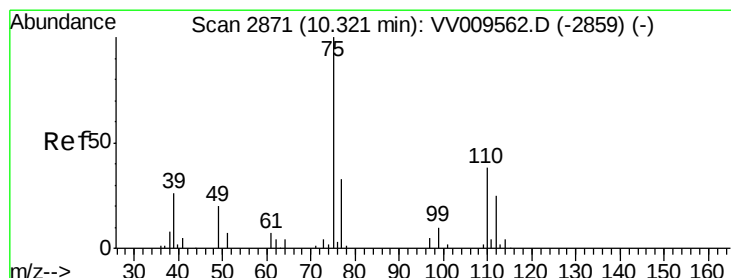
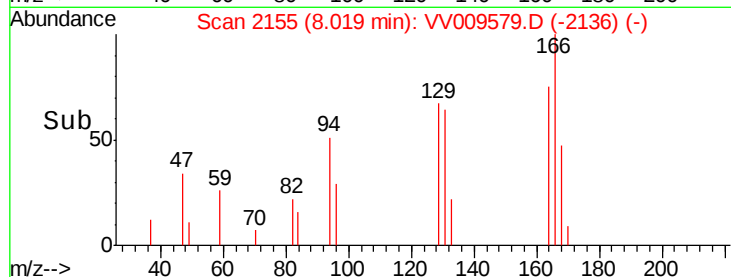
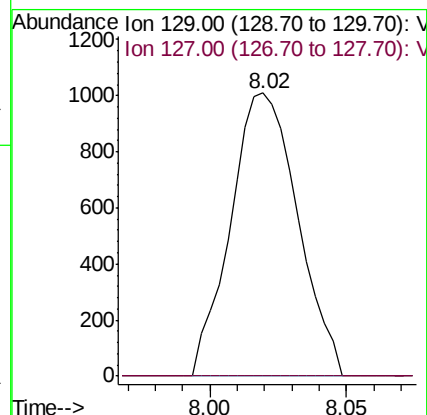
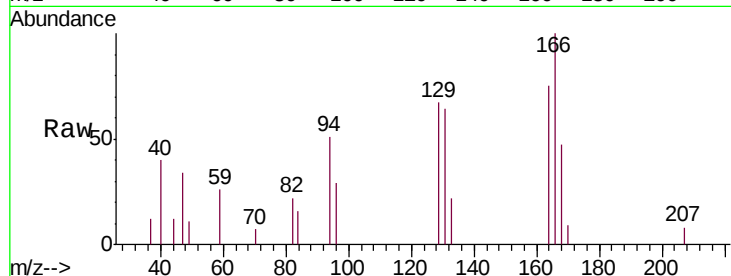
BF0S0

Tgt Ion:129 Resp: 1724

Ion Ratio Lower Upper

129 100

127 0.0 53.7 99.7#



#59

1,2,3-Trichloropropane

Concen: 5.950 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009579.D

Acq: 10 Mar 2019 20:38

Tgt Ion: 75 Resp: 7614

Ion Ratio Lower Upper

75 100

77 37.8 25.9 38.9

