

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010819\
 Data File : VV009198.D
 Acq On : 08 Jan 2019 17:28
 Operator : SY/MD
 Sample : VV0108SBL01
 Misc : 5.00 G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK78

Quant Time: Jan 09 00:43:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010819S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 09 00:40:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251768	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240136	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	119500	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61316	26.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.36%
7) Chloroethane-d5	1.58	69	47041	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
10) 1,1-Dichloroethene-d2	2.13	63	123442	19.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.40%
20) 2-Butanone-d5	3.96	46	47583	47.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.26%
24) Chloroform-d	4.40	84	145076	24.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.04%
26) 1,2-Dichloroethane-d4	5.08	65	83999	26.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.44%
29) Benzene-d6	5.10	84	303928	25.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.96%
33) 1,2-Dichloropropane-d6	6.12	67	87930	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.04%
37) Toluene-d8	7.36	98	284432	24.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.88%
38) trans-1,3-Dichloropropene-	7.67	79	41998	24.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.16%
39) 2-Hexanone-d5	8.14	63	30560	48.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	85397	25.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	112006	24.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.76%

Target Compounds

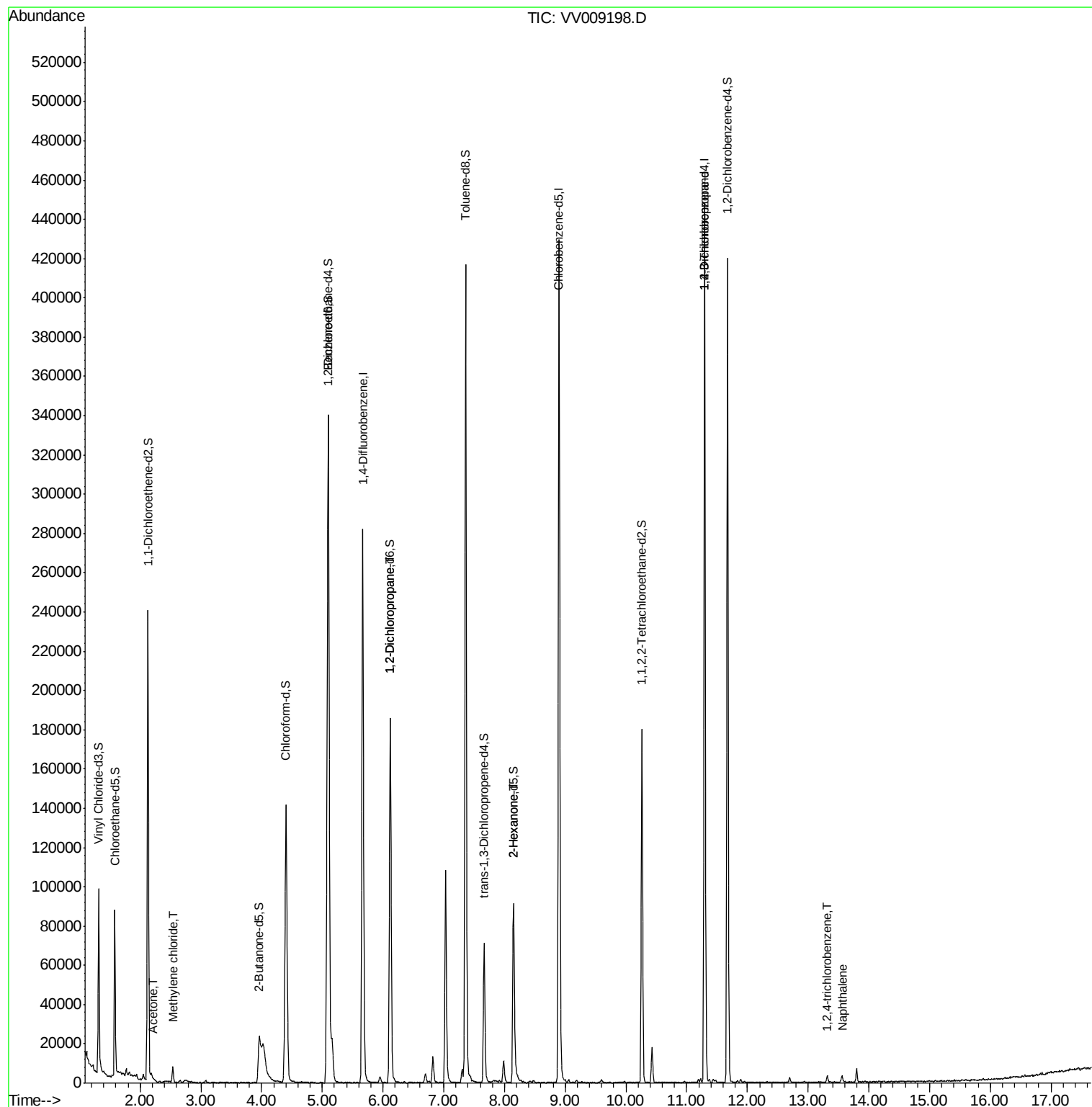
					Qvalue
13) Acetone	2.22	43	3075	2.063 ug/L	92
16) Methylene chloride	2.54	84	3112	0.855 ug/L	86
40) 1,2-Dichloropropane	6.12	63	9886	3.211 ug/L #	85
49) 2-Hexanone	8.15	43	3985	2.079 ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	13112	4.962 ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	1256	0.261 ug/L	85
69) Naphthalene	13.56	128	3937	0.424 ug/L #	90

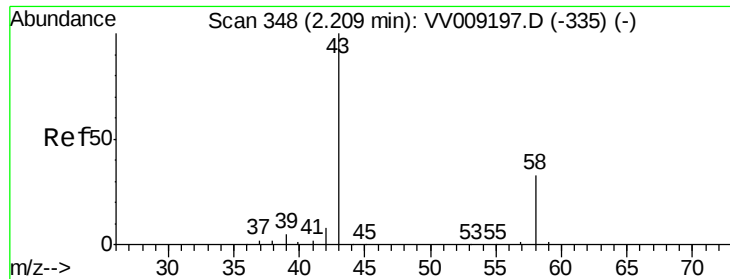
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jan 09 00:40:20 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.063 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

Lab File: VV009198.D

Acq: 08 Jan 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

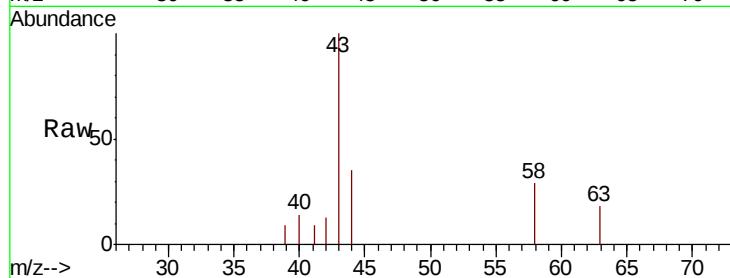
VBLK78

Tgt Ion: 43 Resp: 3075

Ion Ratio Lower Upper

43 100

58 24.6 0.0 57.8



Abundance Ion 43.00 (42.70 to 43.70): VV009198.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VV009198.D (-351) (-)

2.22

1200

1000

800

600

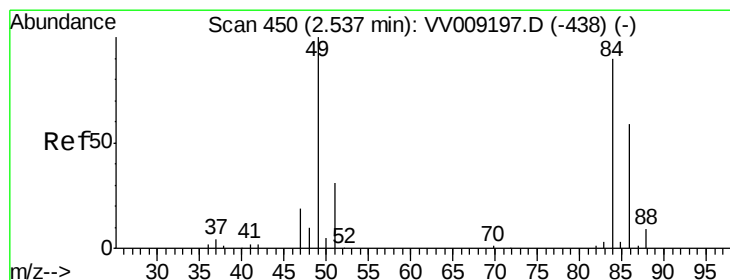
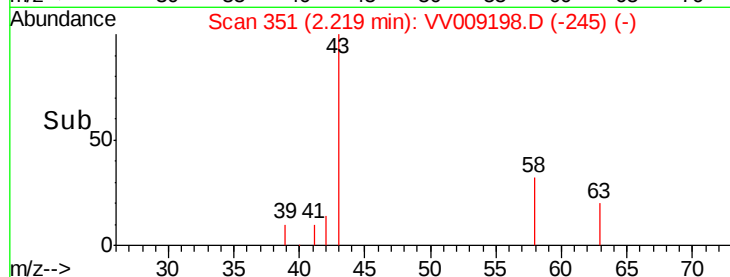
400

200

0

Time-->

2.15 2.20 2.25 2.30



#16

Methylene chloride

Concen: 0.855 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009198.D

Acq: 08 Jan 2019 17:28

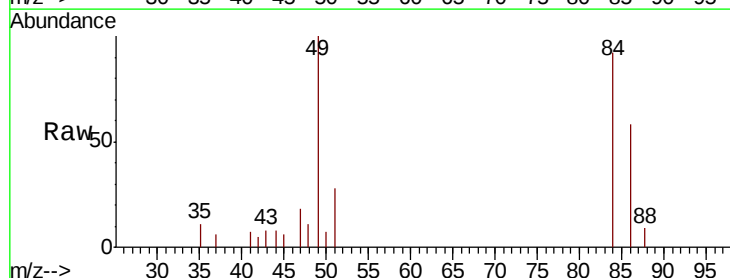
Tgt Ion: 84 Resp: 3112

Ion Ratio Lower Upper

84 100

49 108.2 92.0 170.9

86 62.6 44.9 83.3



Abundance Ion 84.00 (83.70 to 84.70): VV009198.D (-450) (-)

Ion 49.00 (48.70 to 49.70): VV009198.D (-450) (-)

Ion 86.00 (85.70 to 86.70): VV009198.D (-450) (-)

2.54

3000

2500

2000

1500

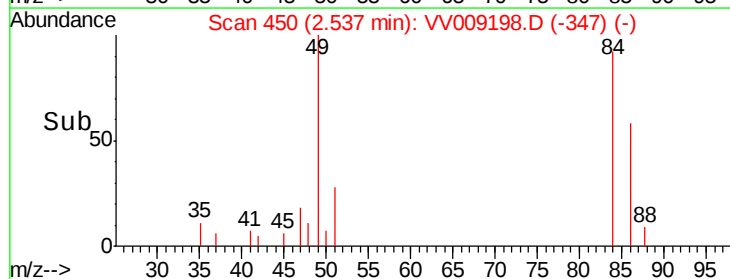
1000

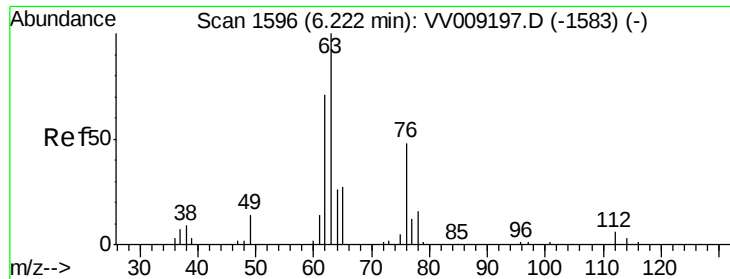
500

0

Time-->

2.50 2.55

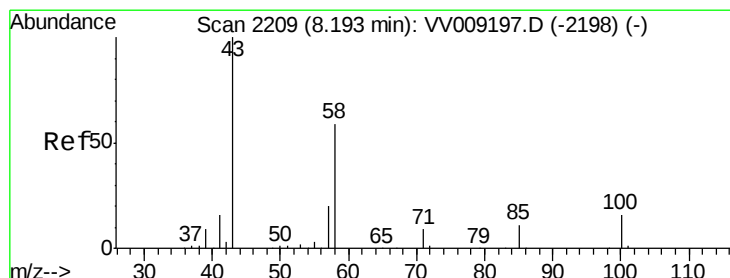
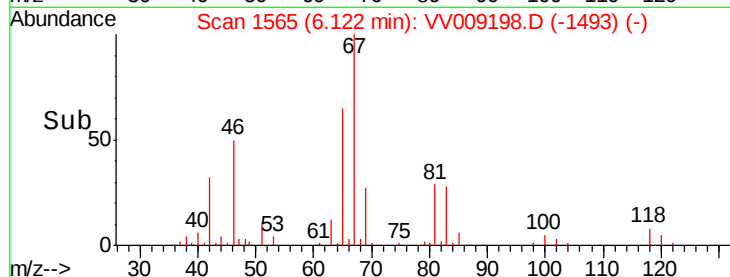
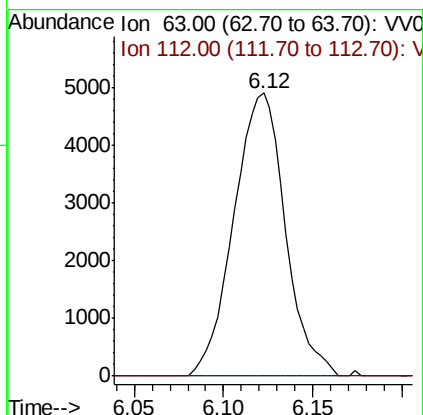
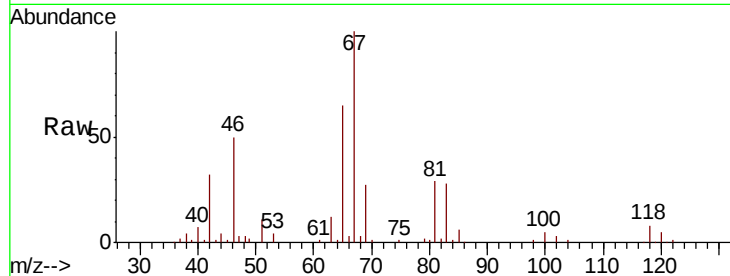




#40
 1,2-Dichloropropane
 Concen: 3.211 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV009198.D
 Acq: 08 Jan 2019 17:28

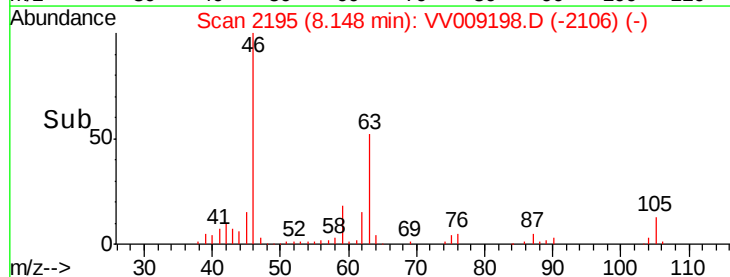
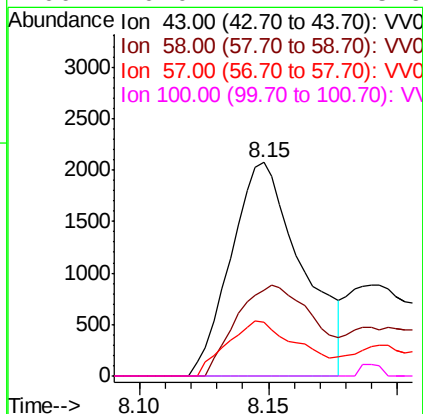
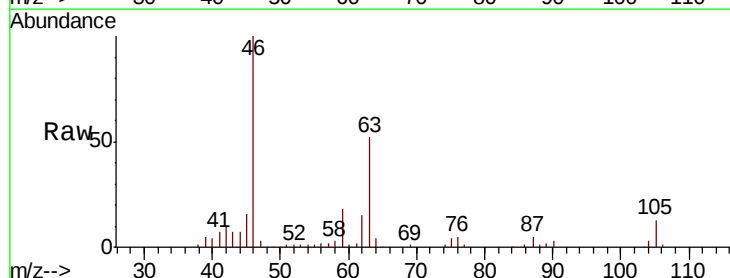
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK78

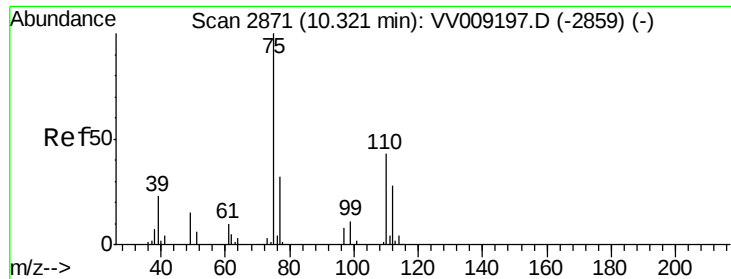
Tgt Ion: 63 Resp: 9886
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.1 6.1#



#49
 2-Hexanone
 Concen: 2.079 ug/L
 RT: 8.15 min Scan# 2195
 Delta R.T. -0.04 min
 Lab File: VV009198.D
 Acq: 08 Jan 2019 17:28

Tgt Ion: 43 Resp: 3985
 Ion Ratio Lower Upper
 43 100
 58 46.5 48.4 72.6#
 57 25.8 15.6 23.4#
 100 0.0 12.4 18.6#





#59

1,2,3-Trichloropropane

Concen: 4.962 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009198.D

Acq: 08 Jan 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

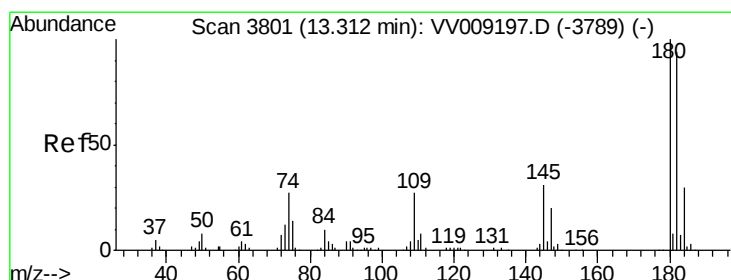
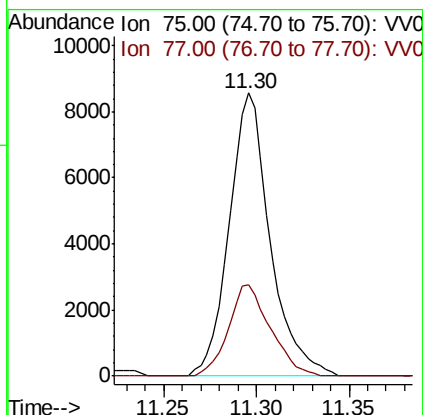
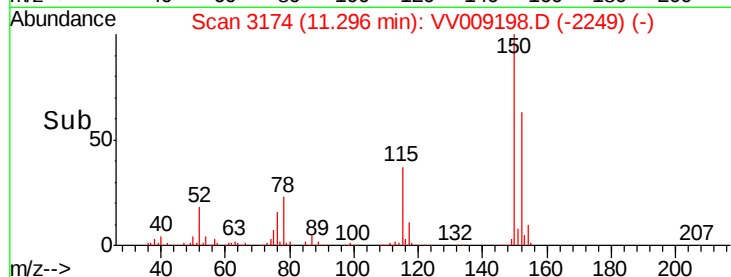
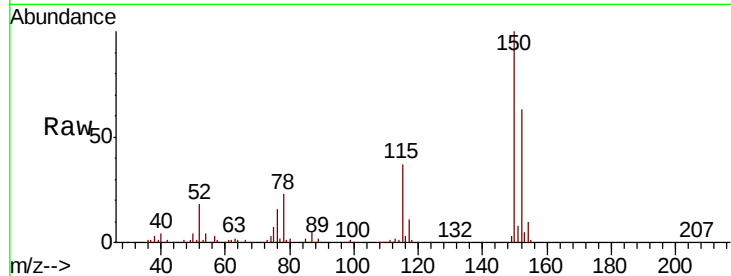
VBLK78

Tgt Ion: 75 Resp: 13112

Ion Ratio Lower Upper

75 100

77 33.2 26.3 39.5



#68

1,2,4-trichlorobenzene

Concen: 0.261 ug/L

RT: 13.32 min Scan# 3803

Delta R.T. 0.01 min

Lab File: VV009198.D

Acq: 08 Jan 2019 17:28

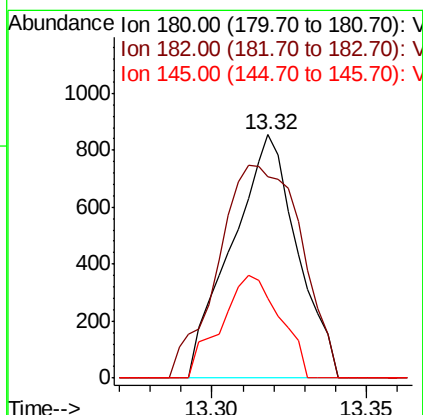
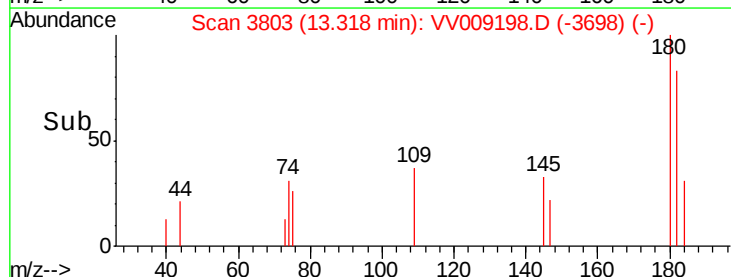
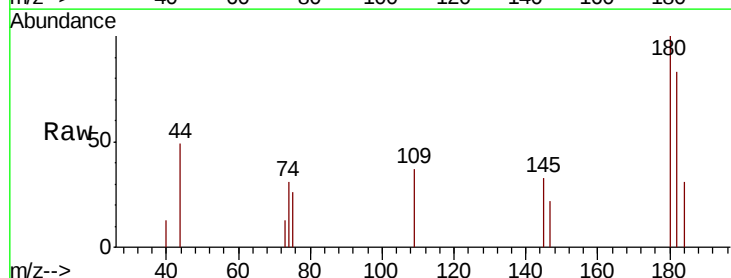
Tgt Ion: 180 Resp: 1256

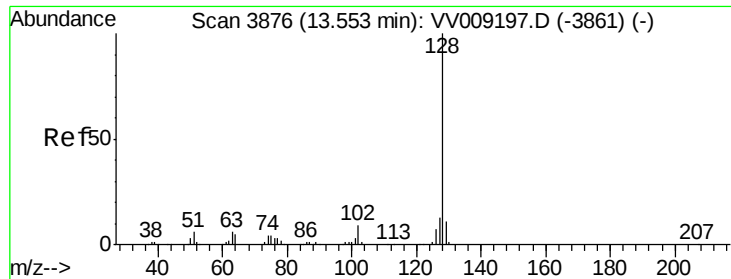
Ion Ratio Lower Upper

180 100

182 111.6 75.7 113.5

145 34.0 24.5 36.7





#69

Naphthalene

Concen: 0.424 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009198.D

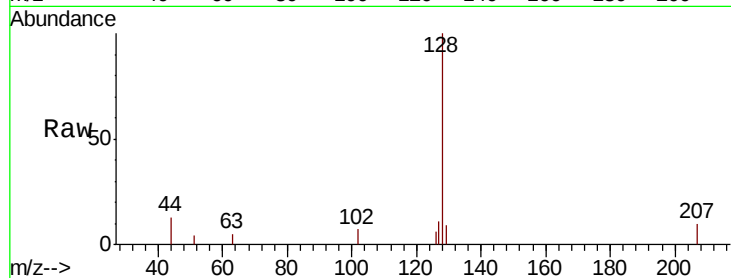
Acq: 08 Jan 2019 17:28

Instrument :

MSVOA_V

ClientSampleId :

VBLK78



Tgt Ion:128 Resp: 3937

Ion Ratio Lower Upper

128 100

129 4.7 8.7 13.1#

127 11.1 10.6 15.8

