

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010168.D
 Acq On : 08 Apr 2019 11:40
 Operator : SY/MD
 Sample : VV0408SBL01
 Misc : 5.00G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK63

Quant Time: Apr 09 05:34:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 05:31:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	293805	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	265683	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	124480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94702	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
7) Chloroethane-d5	1.58	69	131769	26.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.88%
10) 1,1-Dichloroethene-d2	2.12	63	187010	18.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.40%
20) 2-Butanone-d5	3.95	46	45898	41.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.02%
24) Chloroform-d	4.40	84	173489	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	5.08	65	99239	23.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.84%
29) Benzene-d6	5.10	84	360415	26.16	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.64%
33) 1,2-Dichloropropane-d6	6.11	67	105478	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.76%
37) Toluene-d8	7.36	98	344382	25.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.76%
38) trans-1,3-Dichloropropene-	7.66	79	43631	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	8.14	63	36372	44.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89894	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	123495	25.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.88%

Target Compounds

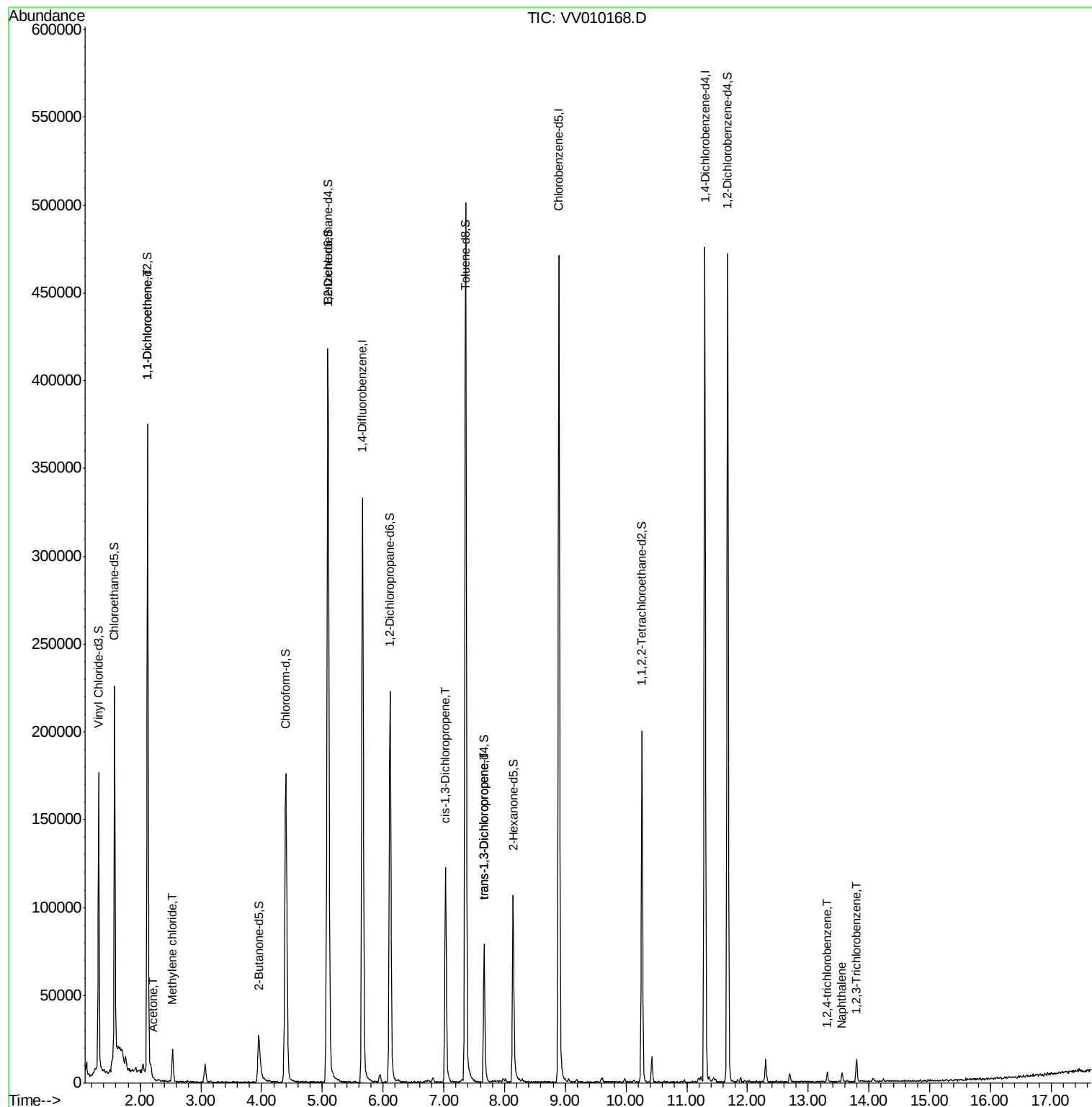
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1820	0.453 ug/L #	1
13) Acetone	2.21	43	1773	1.602 ug/L	80
16) Methylene chloride	2.54	84	7862	1.523 ug/L	79
42) cis-1,3-Dichloropropene	7.03	75	3774	0.794 ug/L	84
45) trans-1,3-Dichloropropene	7.66	75	2612	0.646 ug/L #	53
68) 1,2,4-trichlorobenzene	13.31	180	1813	0.436 ug/L	94
69) Naphthalene	13.56	128	2297	0.332 ug/L #	94
70) 1,2,3-Trichlorobenzene	13.80	180	1602	0.413 ug/L #	85

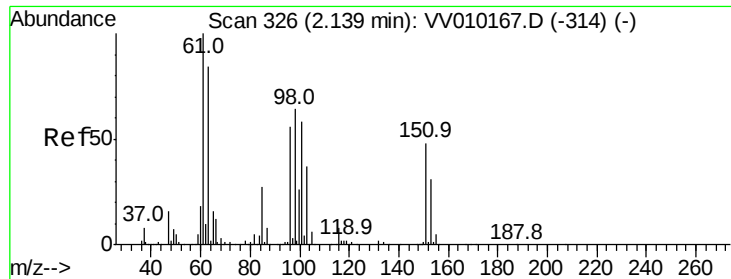
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010168.D
Acq On : 08 Apr 2019 11:40
Operator : SY/MD
Sample : VV0408SBL01
Misc : 5.00G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK63

Quant Time: Apr 09 05:34:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.453 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.02 min

Lab File: VV010168.D

Acq: 08 Apr 2019 11:40

Instrument :

MSVOA_V

ClientSampleId :

VBLK63

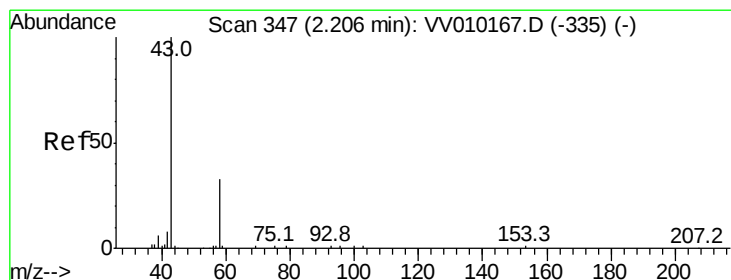
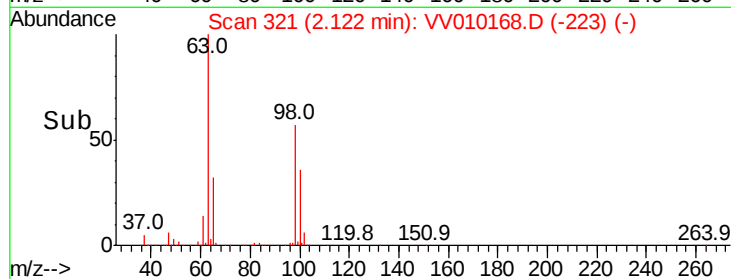
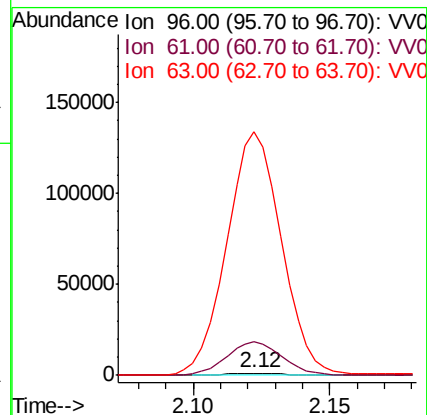
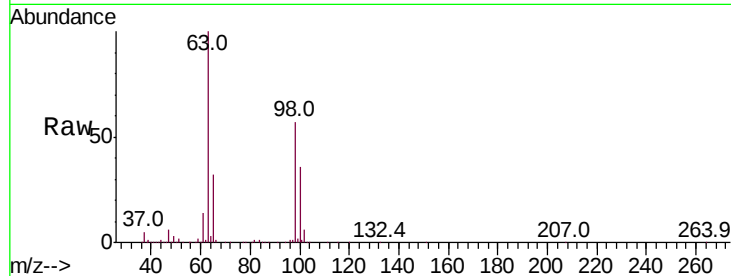
Tot Ion: 96 Resp: 1820

Ion Ratio Lower Upper

96 100

61 1453.9 127.8 237.4#

63 10634.5 112.6 209.2#



#13

Acetone

Concen: 1.602 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.01 min

Lab File: VV010168.D

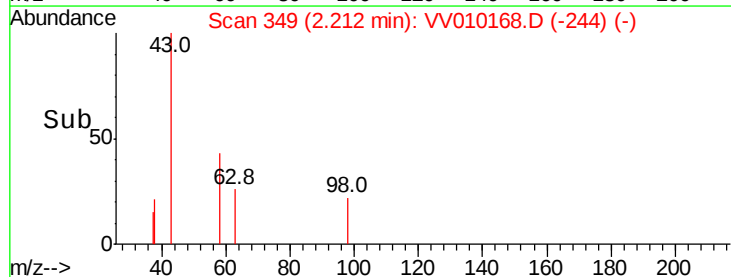
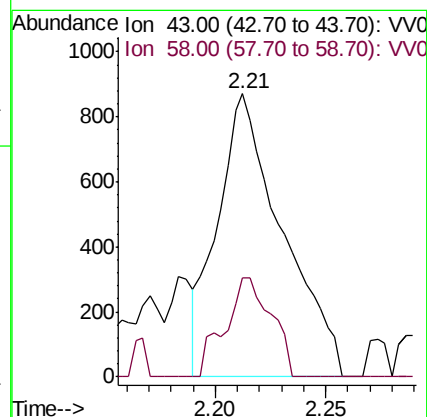
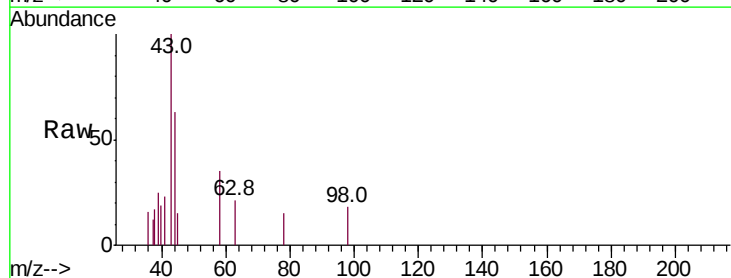
Acq: 08 Apr 2019 11:40

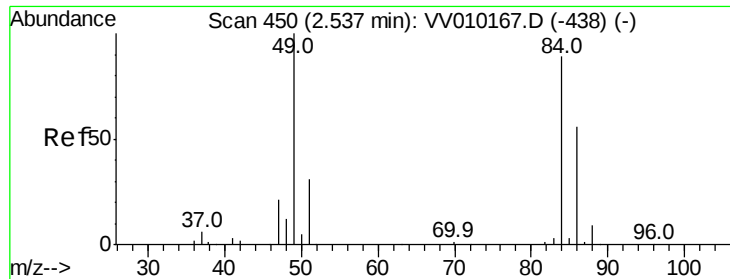
Tgt Ion: 43 Resp: 1773

Ion Ratio Lower Upper

43 100

58 21.1 0.0 64.6

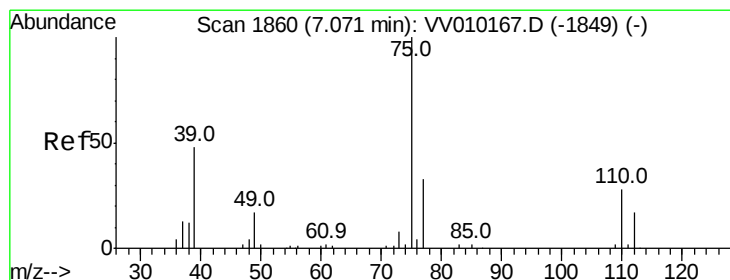
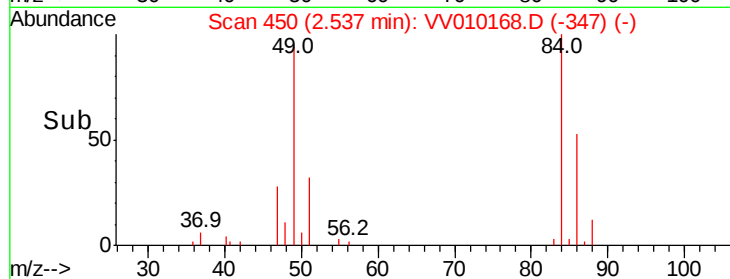
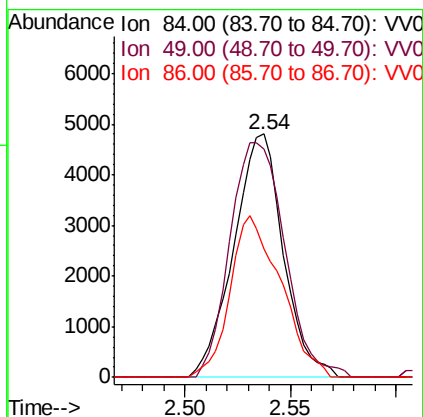
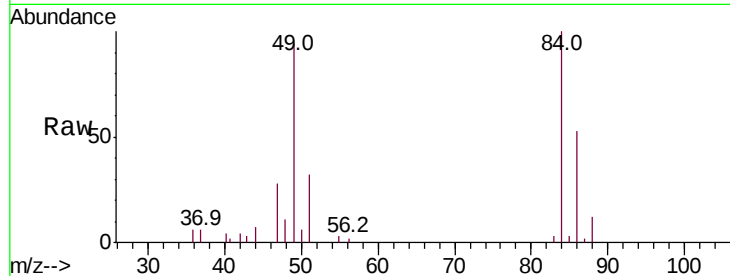




#16
Methvlene chloride
Concen: 1.523 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010168.D
Acq: 08 Apr 2019 11:40

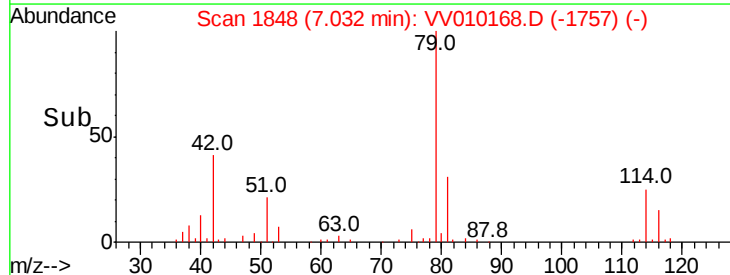
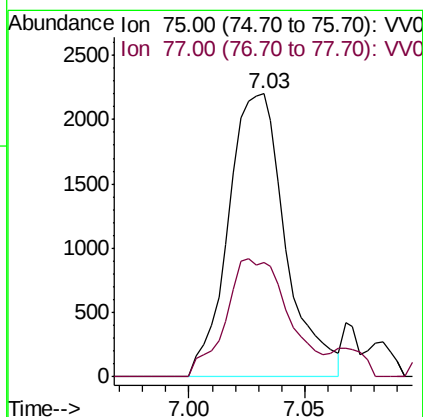
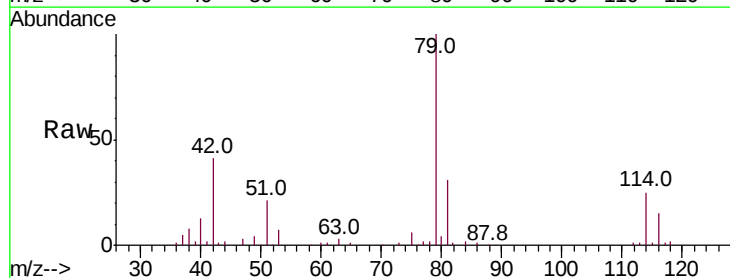
Instrument :
MSVOA_V
ClientSampleId :
VBLK63

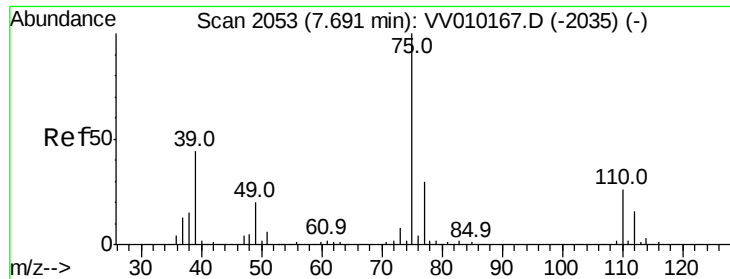
Tot Ion: 84 Resp: 7862
Ion Ratio Lower Upper
84 100
49 93.6 84.3 156.5
86 52.8 45.4 84.2



#42
cis-1,3-Dichloropropene
Concen: 0.794 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010168.D
Acq: 08 Apr 2019 11:40

Tgt Ion: 75 Resp: 3774
Ion Ratio Lower Upper
75 100
77 40.5 22.1 41.1





#45

trans-1,3-Dichloropropene

Concen: 0.646 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV010168.D

Acq: 08 Apr 2019 11:40

Instrument :

MSVOA_V

ClientSampleId :

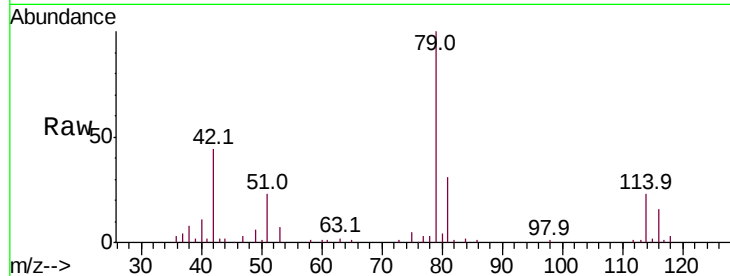
VBLK63

Tot Ion: 75 Resp: 2612

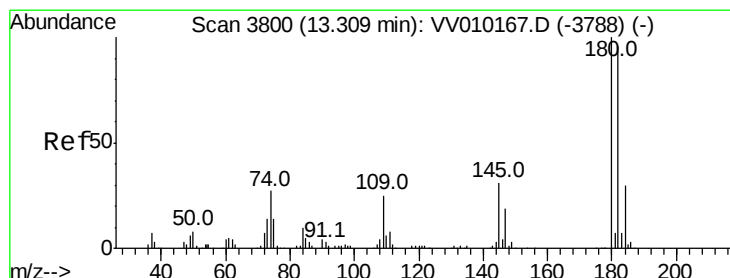
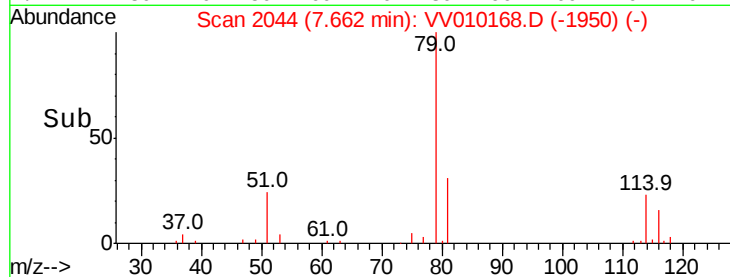
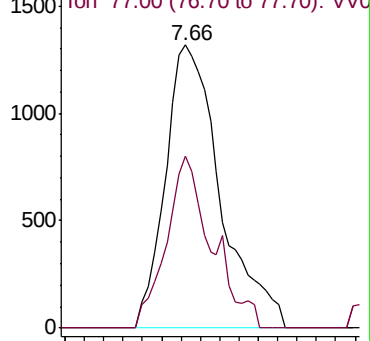
Ion Ratio Lower Upper

75 100

77 60.6 23.5 43.7#



Abundance Ion 75.00 (74.70 to 75.70): VV010167.D (-2035) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.436 ug/L

RT: 13.31 min Scan# 3800

Delta R.T. -0.00 min

Lab File: VV010168.D

Acq: 08 Apr 2019 11:40

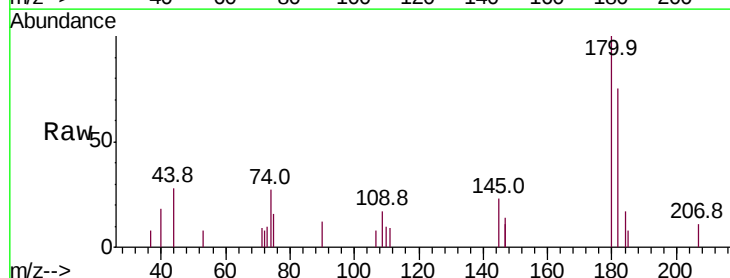
Tgt Ion:180 Resp: 1813

Ion Ratio Lower Upper

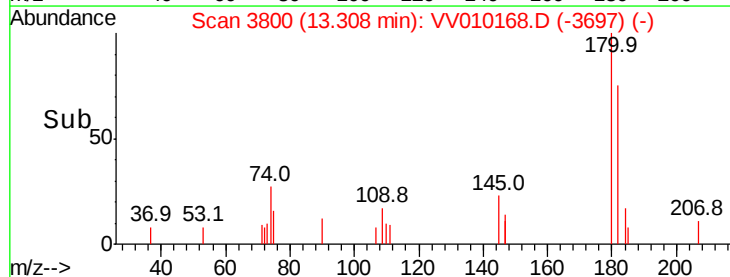
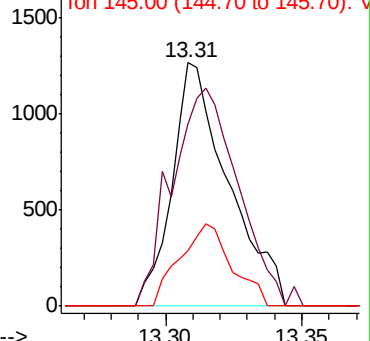
180 100

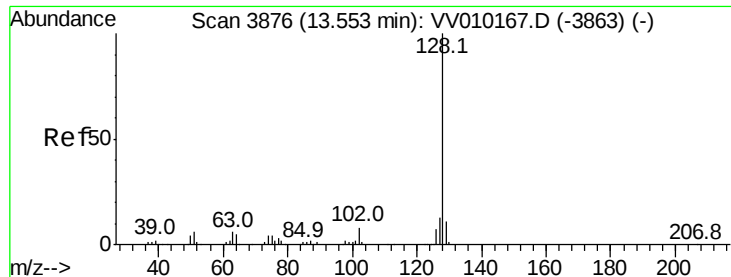
182 87.4 75.7 113.5

145 31.2 24.6 37.0



Abundance Ion 180.00 (179.70 to 180.70): VV010167.D (-3788) (-)





#69

Naphthalene

Concen: 0.332 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV010168.D

Acq: 08 Apr 2019 11:40

Instrument :

MSVOA_V

ClientSampleId :

VBLK63

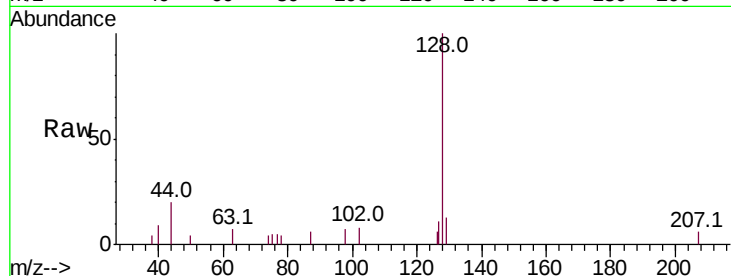
Tot Ion:128 Resp: 2297

Ion Ratio Lower Upper

128 100

129 15.3 9.0 13.4#

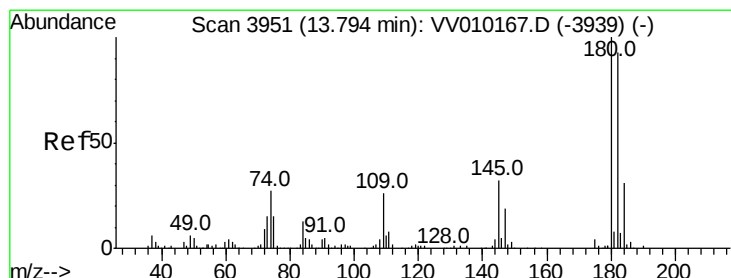
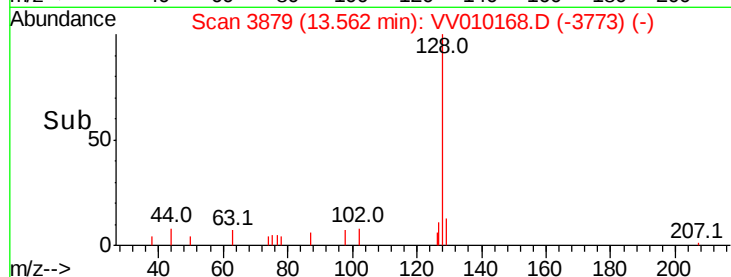
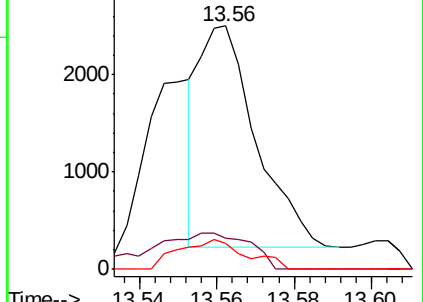
127 14.2 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.413 ug/L

RT: 13.80 min Scan# 3953

Delta R.T. 0.01 min

Lab File: VV010168.D

Acq: 08 Apr 2019 11:40

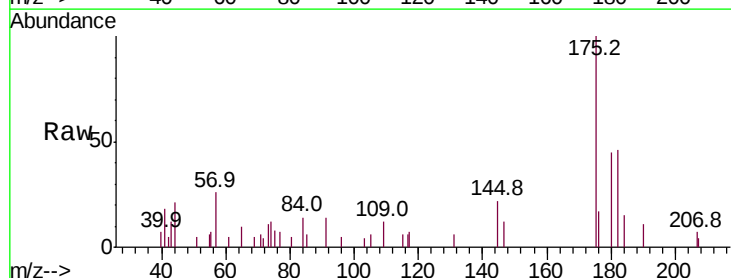
Tgt Ion:180 Resp: 1602

Ion Ratio Lower Upper

180 100

182 105.1 74.1 111.1

145 19.7 25.8 38.8#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

