

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
 Data File : VV012590.D
 Acq On : 06 Sep 2019 10:29
 Operator : SY/MD
 Sample : VV0906WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK49

Quant Time: Sep 06 11:36:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 06 11:34:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	163668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57130	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71326	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	67220	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.13	63	115009	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	3.97	46	159220	54.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.94%
24) Chloroform-d	4.40	84	113876	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.08	65	62539	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.10	84	203579	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.12	67	69555	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	158943	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	21332	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	78714	44.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45144	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	53403	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

Target Compounds

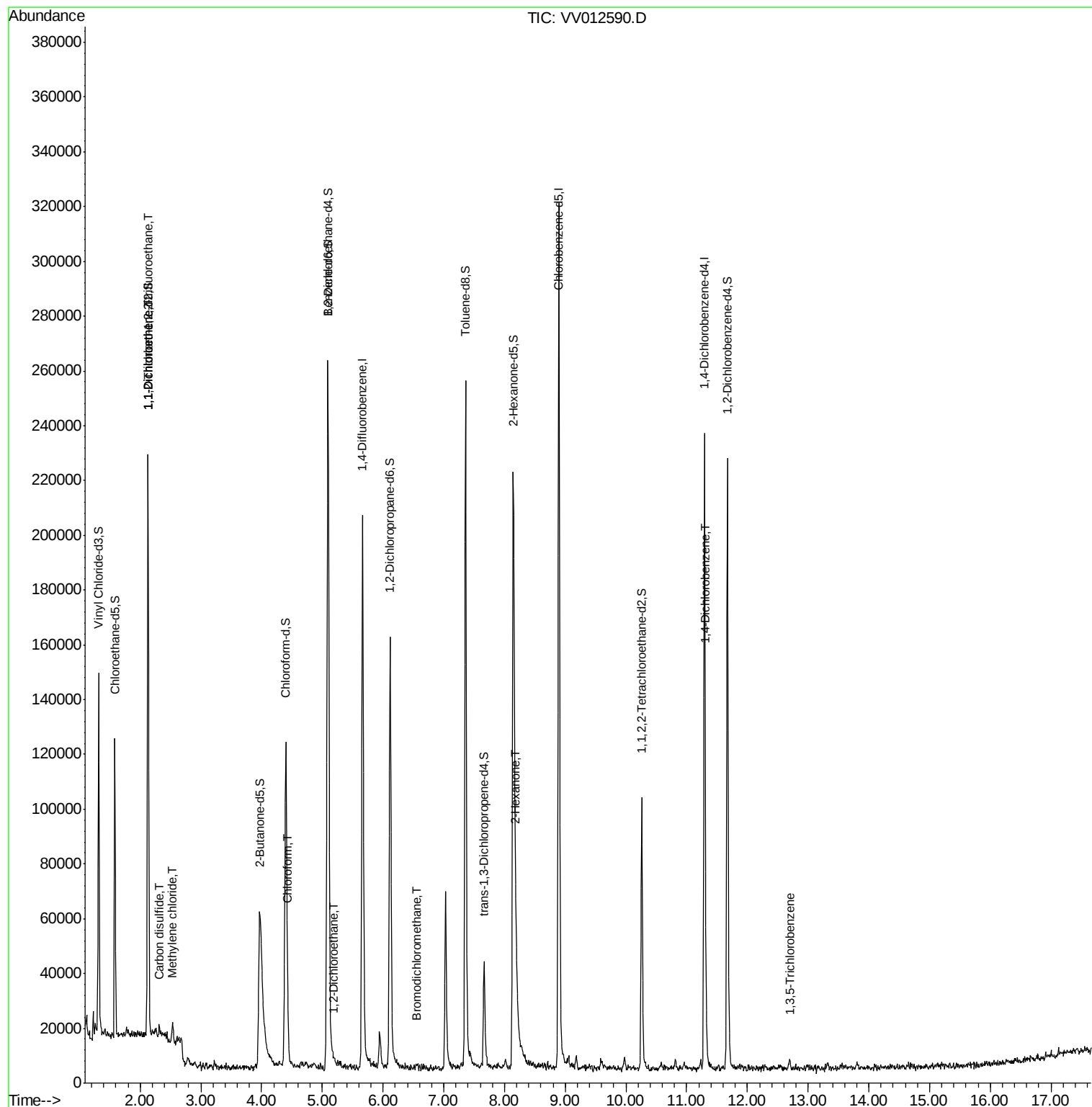
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1671	0.084 ug/L #	52
12) 1,1-Dichloroethene	2.13	96	1798	0.095 ug/L #	1
14) Carbon disulfide	2.32	76	3156	0.052 ug/L #	63
16) Methylene chloride	2.53	84	2715	0.124 ug/L	91
25) Chloroform	4.43	83	6572	0.210 ug/L	89
27) 1,2-Dichloroethane	5.19	62	759	0.041 ug/L #	76
38) Bromodichloromethane	6.56	83	1111	0.055 ug/L #	89
48) 2-Hexanone	8.19	43	18856	2.886 ug/L #	89
63) 1,4-Dichlorobenzene	11.32	146	1330	0.061 ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	752	0.052 ug/L #	90

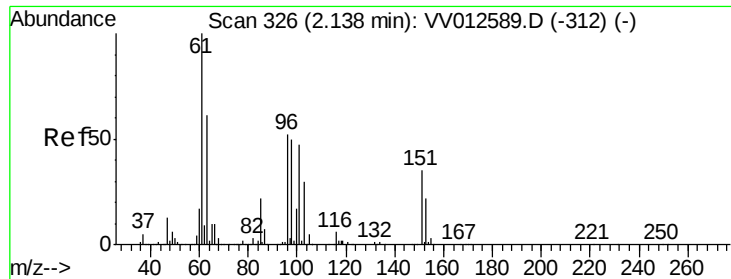
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090619\
Data File : VV012590.D
Acq On : 06 Sep 2019 10:29
Operator : SY/MD
Sample : VV0906WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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VBLK49

Quant Time: Sep 06 11:36:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 06 11:34:24 2019
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.084 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

Instrument :

MSVOA_V

ClientSampled :

VBLK49

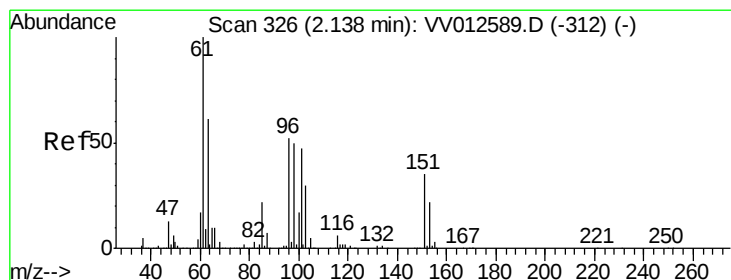
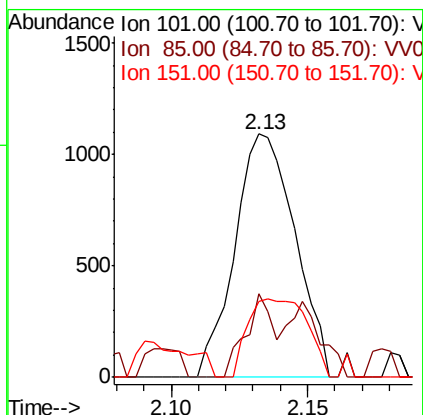
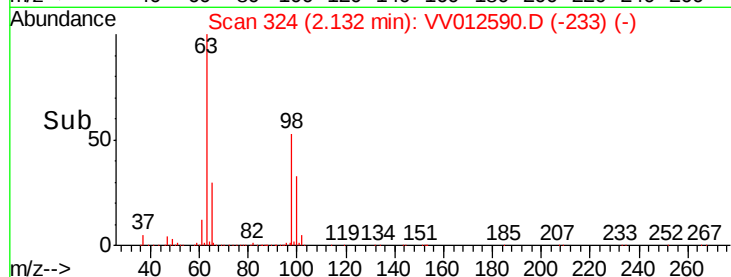
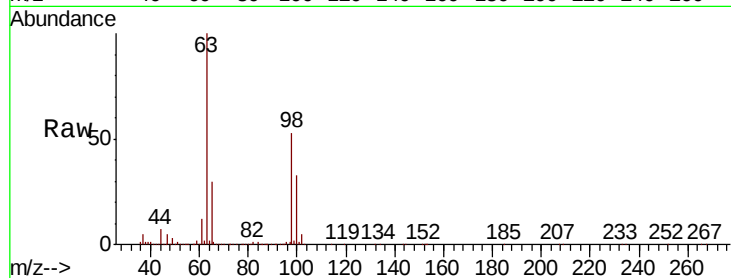
Tgt Ion: 101 Resp: 1671

Ion Ratio Lower Upper

101 100

85 15.5 37.4 56.0#

151 31.6 58.2 87.4#



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

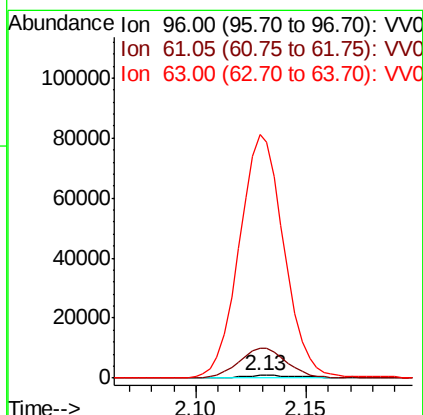
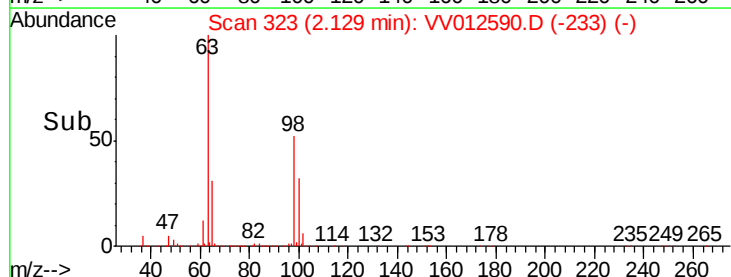
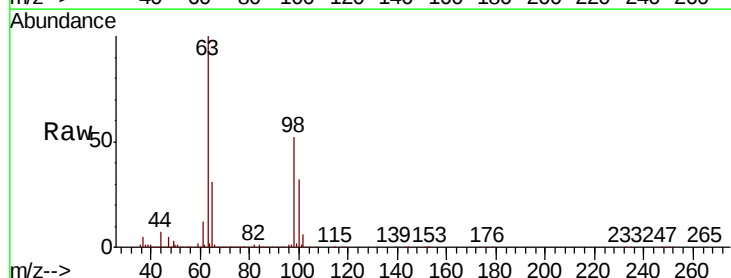
Tgt Ion: 96 Resp: 1798

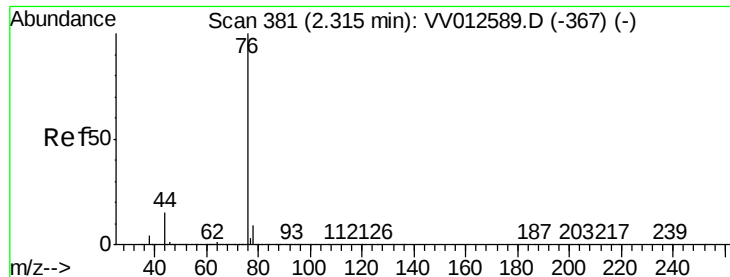
Ion Ratio Lower Upper

96 100

61 1094.6 132.7 246.5#

63 8968.0 84.1 156.1#





#14

Carbon disulfide

Concen: 0.052 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

Instrument :

MSVOA_V

ClientSampleId :

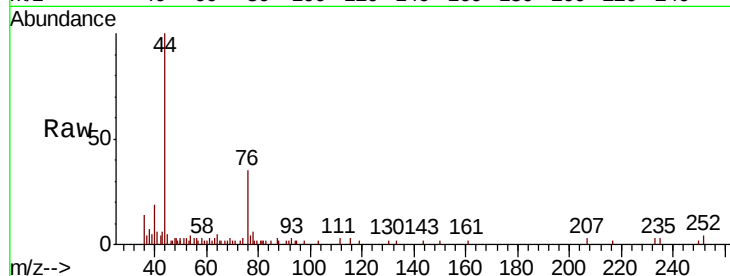
VBLK49

Tgt Ion: 76 Resp: 3156

Ion Ratio Lower Upper

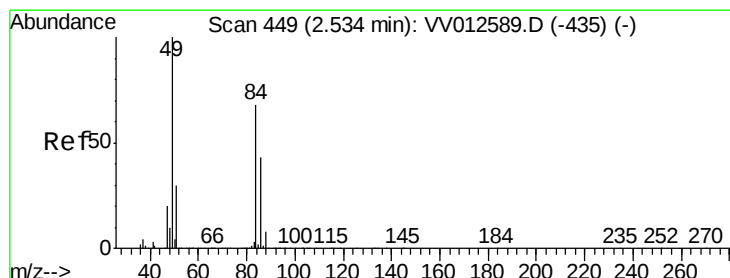
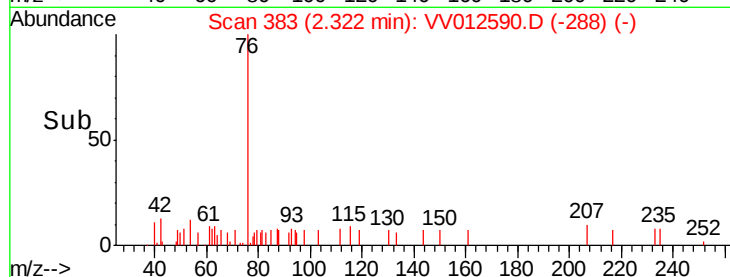
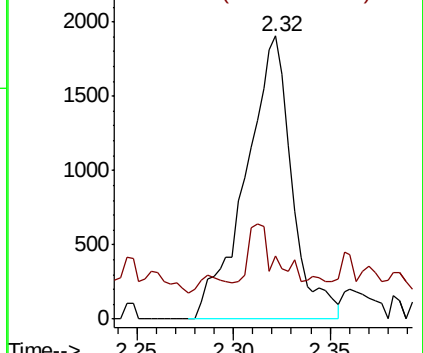
76 100

78 22.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.124 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

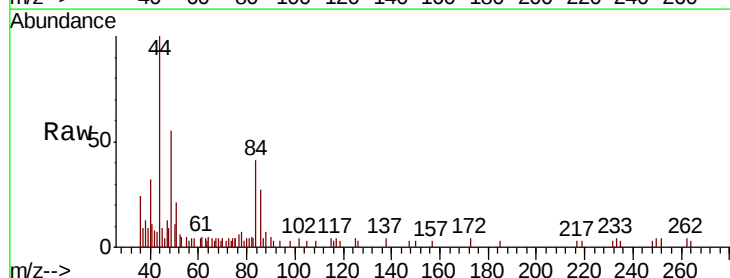
Tgt Ion: 84 Resp: 2715

Ion Ratio Lower Upper

84 100

86 64.5 43.6 81.0

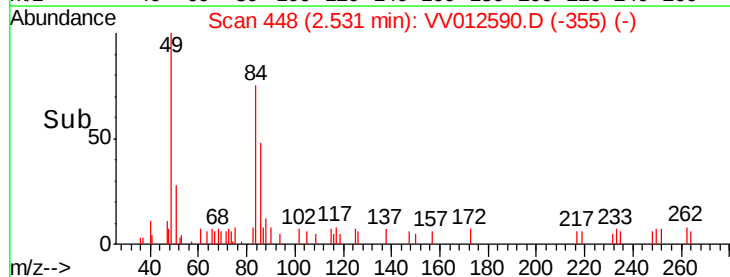
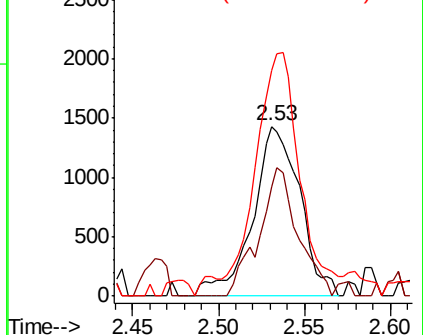
49 133.2 103.0 191.2

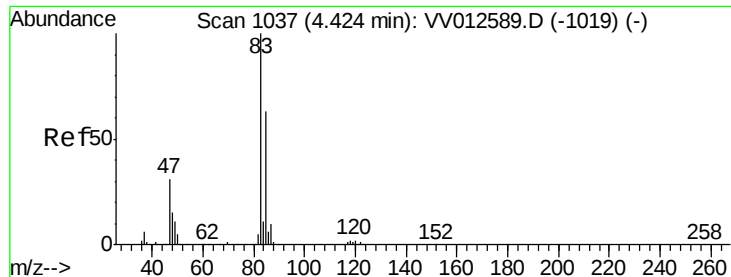


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0





#25

Chloroform

Concen: 0.210 ug/L

RT: 4.43 min Scan# 1040

Delta R.T. 0.01 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

Instrument :

MSVOA_V

ClientSampled :

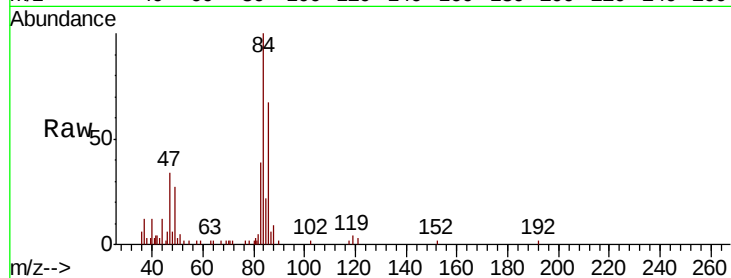
VBLK49

Tgt Ion: 83 Resp: 6572

Ion Ratio Lower Upper

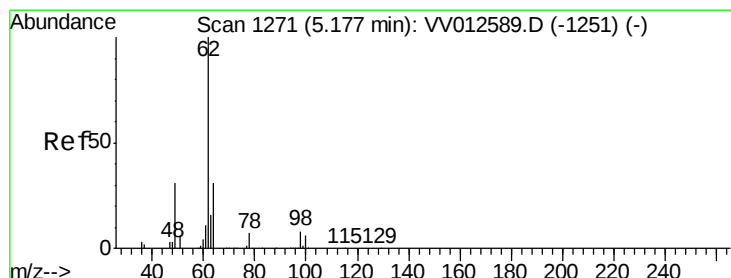
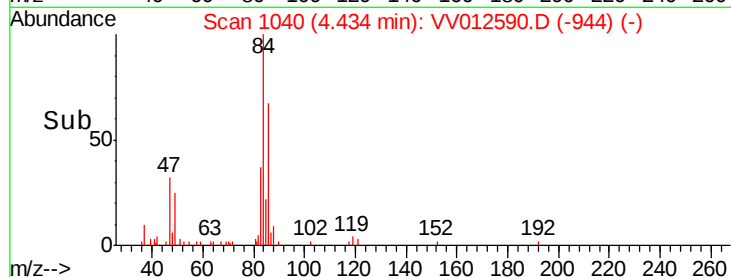
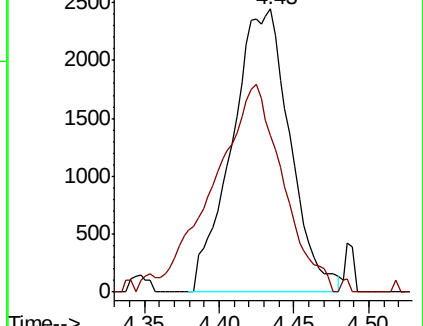
83 100

85 55.3 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV012589.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VV012589.D (-1019) (-)



#27

1,2-Dichloroethane

Concen: 0.041 ug/L

RT: 5.19 min Scan# 1276

Delta R.T. 0.01 min

Lab File: VV012590.D

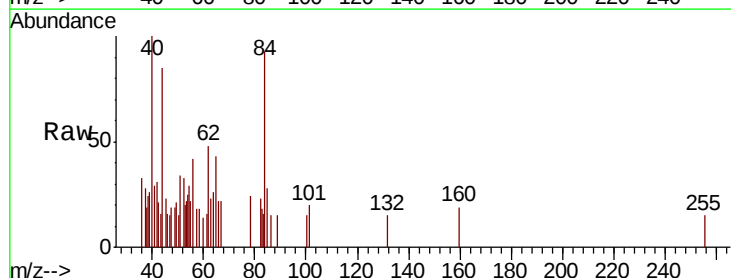
Acq: 06 Sep 2019 10:29

Tgt Ion: 62 Resp: 759

Ion Ratio Lower Upper

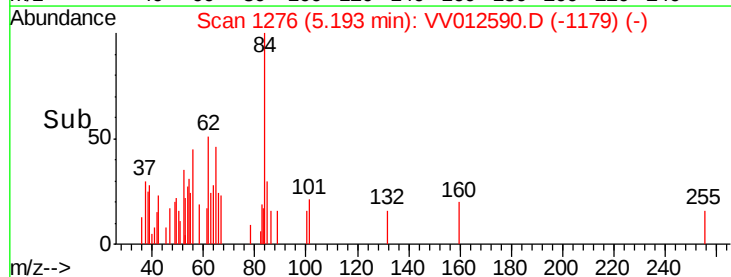
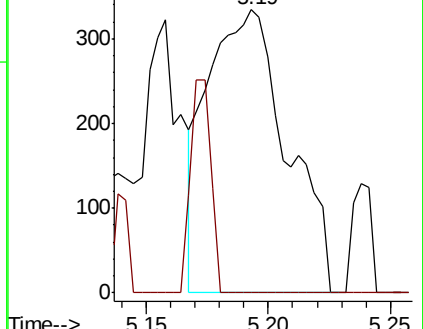
62 100

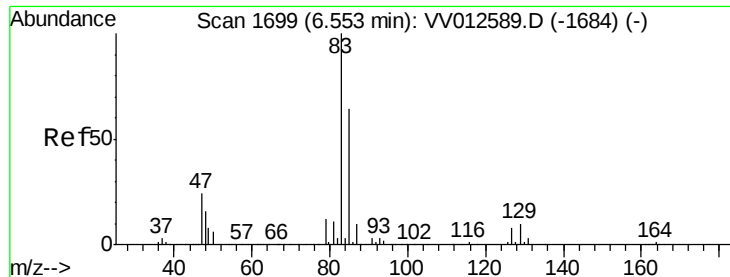
98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV012589.D (-1251) (-)

Ion 98.05 (97.75 to 98.75): VV012589.D (-1251) (-)





#38

Bromodichloromethane

Concen: 0.055 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

Instrument :

MSVOA_V

ClientSampleId :

VBLK49

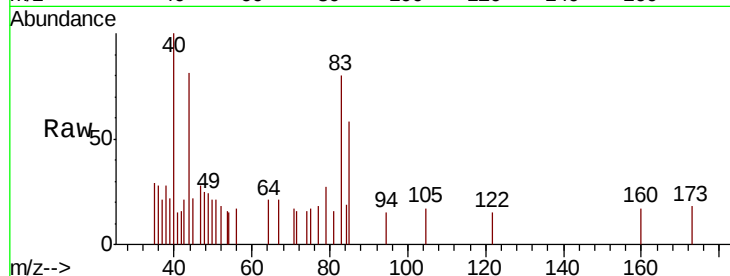
Tgt Ion: 83 Resp: 1111

Ion Ratio Lower Upper

83 100

85 72.9 45.6 84.8

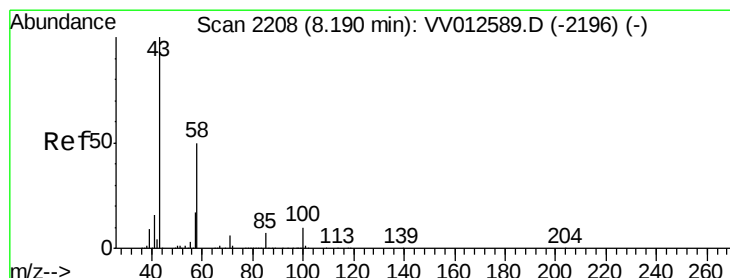
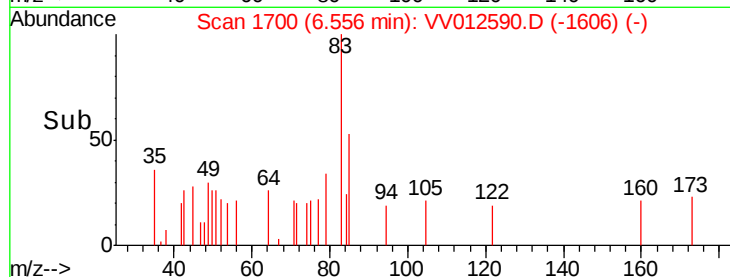
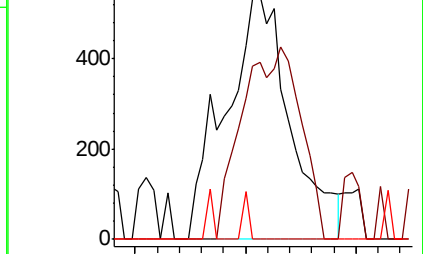
127 0.0 6.4 9.6#



Abundance Ion 82.95 (82.65 to 83.65): VV012589.D (-1684) (-)

Ion 85.00 (84.70 to 85.70): VV012589.D (-1684) (-)

Ion 126.90 (126.60 to 127.60): VV012589.D (-1684) (-)



#48

2-Hexanone

Concen: 2.886 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012590.D

Acq: 06 Sep 2019 10:29

Tgt Ion: 43 Resp: 18856

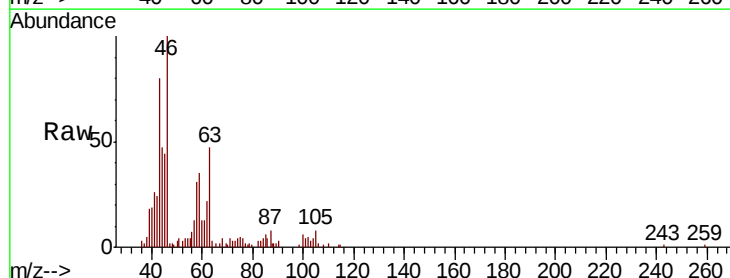
Ion Ratio Lower Upper

43 100

58 39.4 39.3 58.9

57 16.1 12.9 19.3

100 4.6 8.0 12.0#

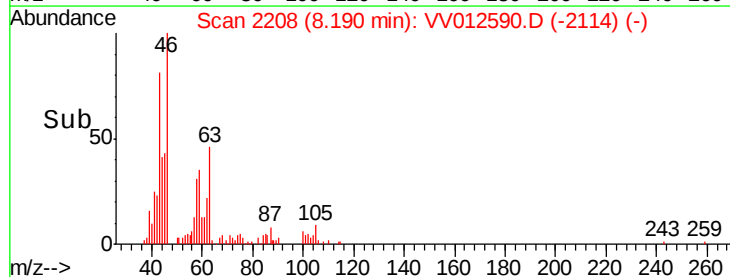
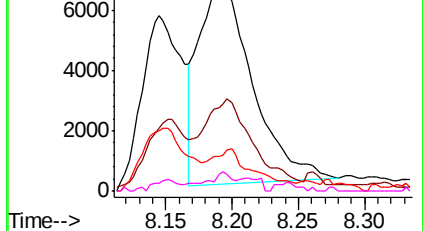


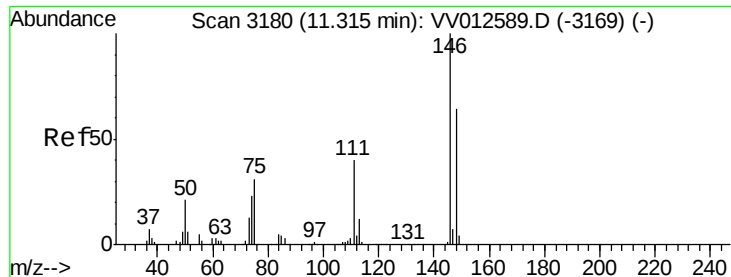
Abundance Ion 43.05 (42.75 to 43.75): VV012589.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV012589.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV012589.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV012589.D (-2196) (-)

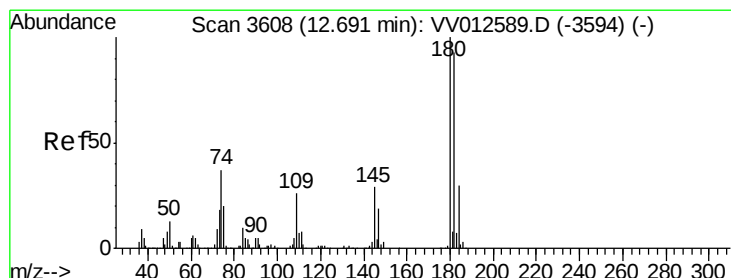
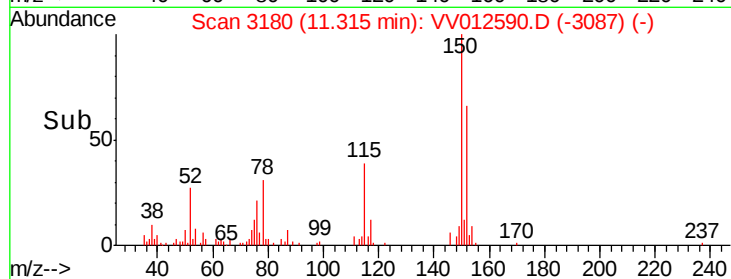
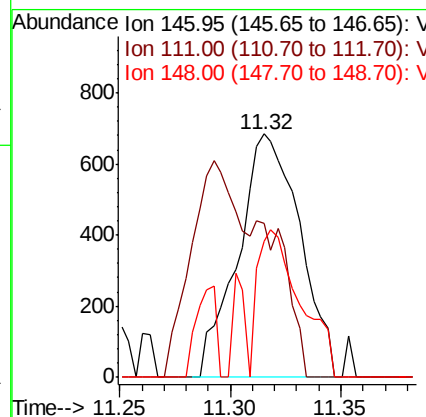
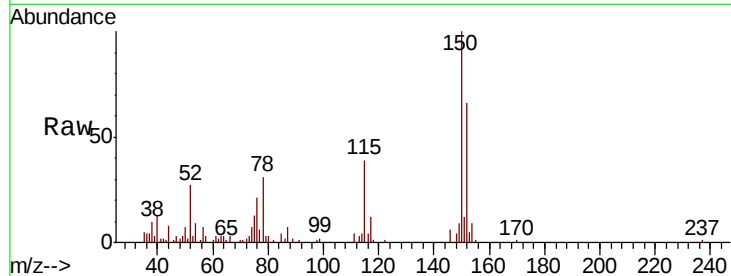




#63
 1,4-Dichlorobenzene
 Concen: 0.061 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012590.D
 Acq: 06 Sep 2019 10:29

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK49

Tgt Ion:146 Resp: 1330
 Ion Ratio Lower Upper
 146 100
 111 63.2 27.5 51.1#
 148 55.9 44.8 83.2



#67
 1,3,5-Trichlorobenzene
 Concen: 0.052 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV012590.D
 Acq: 06 Sep 2019 10:29

Tgt Ion:180 Resp: 752
 Ion Ratio Lower Upper
 180 100
 182 86.7 76.0 114.0
 184 29.5 25.3 37.9
 145 43.2 24.7 37.1#

