

Data File : VV012649.D
Acq On : 10 Sep 2019 11:25
Operator : SY/MD
Sample : VV0910WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK52

Quant Time: Sep 11 05:24:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 11 05:21:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	384078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	380992	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151892	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	114268	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	101964	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	137233	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.97	46	317648	50.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	4.40	84	222925	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	114761	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	414699	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.12	67	141866	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	325371	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.66	79	43818	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	151397	40.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96642	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	132221	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

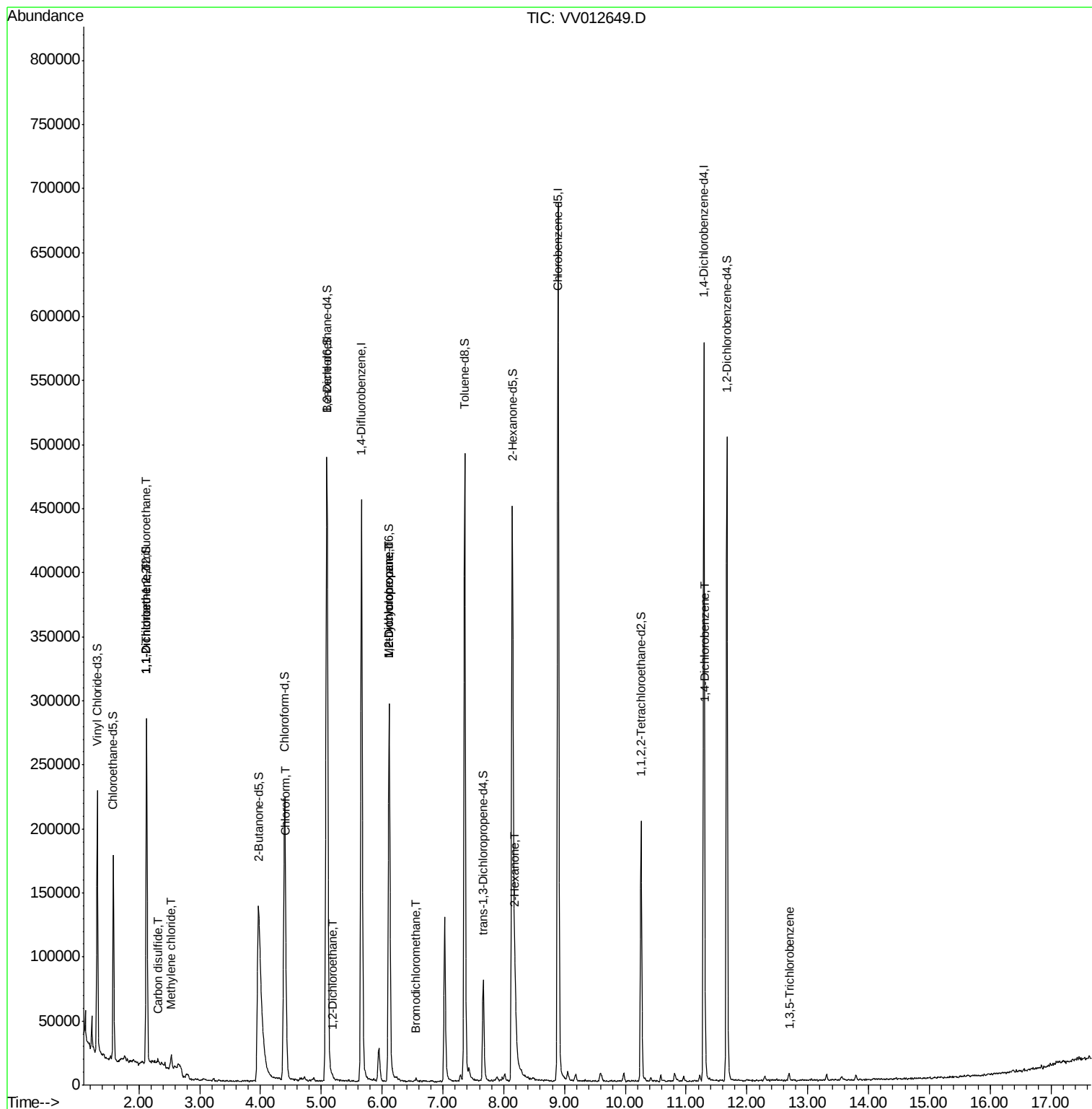
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2246	0.090	ug/L #	55
12) 1,1-Dichloroethene	2.13	96	2185	0.092	ug/L #	1
14) Carbon disulfide	2.32	76	3997	0.062	ug/L #	82
16) Methylene chloride	2.53	84	3952	0.136	ug/L	87
25) Chloroform	4.42	83	12598	0.227	ug/L	100
27) 1,2-Dichloroethane	5.19	62	1328	0.046	ug/L #	72
35) Methylcyclohexane	6.12	83	32821	0.755	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	14707	0.530	ug/L #	87
38) Bromodichloromethane	6.56	83	1667	0.046	ug/L #	92
48) 2-Hexanone	8.19	43	39933	3.630	ug/L #	89
63) 1,4-Dichlorobenzene	11.31	146	2526	0.053	ug/L #	79
67) 1,3,5-Trichlorobenzene	12.69	180	1897	0.053	ug/L	88

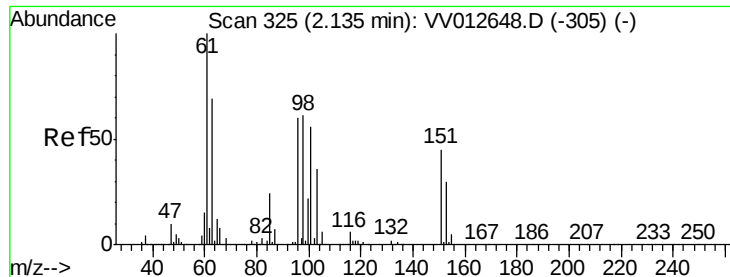
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.090 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

Instrument :

MSVOA_V

ClientSampled :

VBLK52

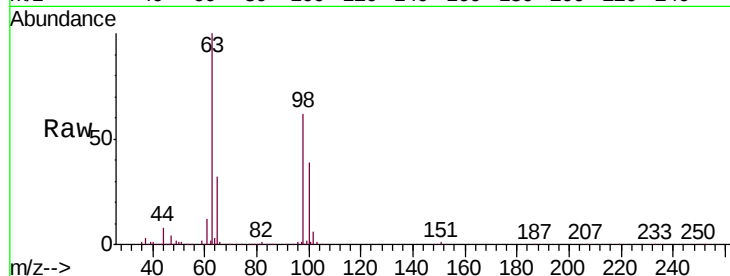
Tgt Ion:101 Resp: 2246

Ion Ratio Lower Upper

101 100

85 9.1 33.0 49.6#

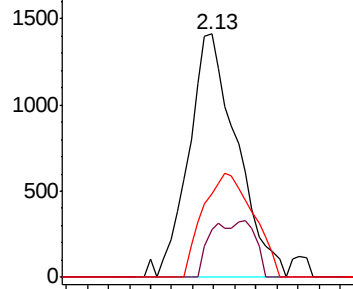
151 44.6 65.8 98.8#



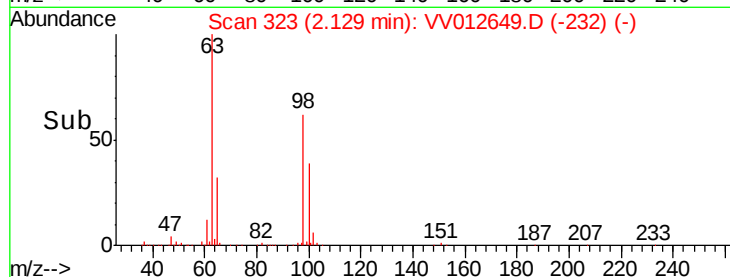
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.092 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

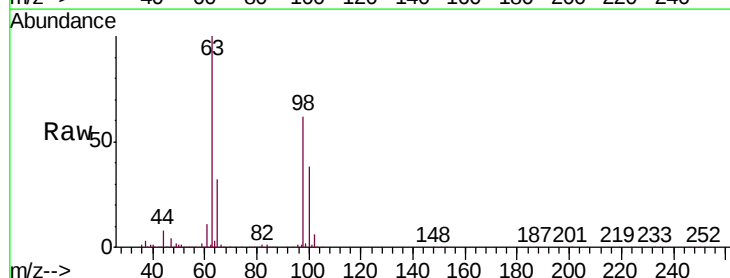
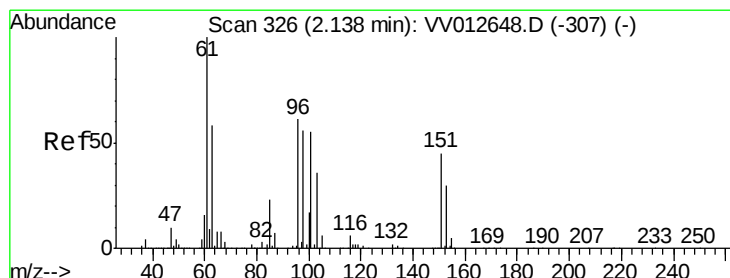
Tgt Ion: 96 Resp: 2185

Ion Ratio Lower Upper

96 100

61 1085.7 115.8 215.0#

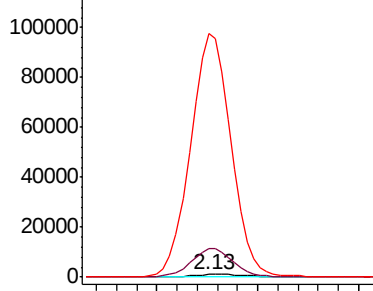
63 9447.4 79.4 147.4#



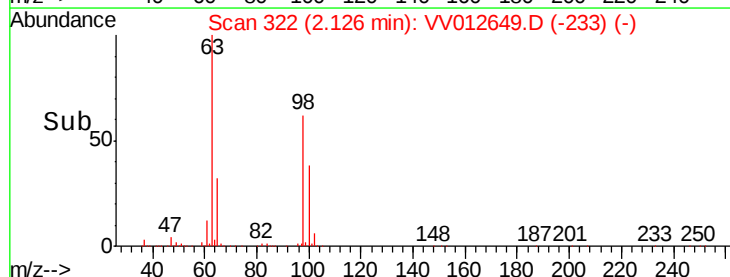
Abundance Ion 96.00 (95.70 to 96.70): VV0

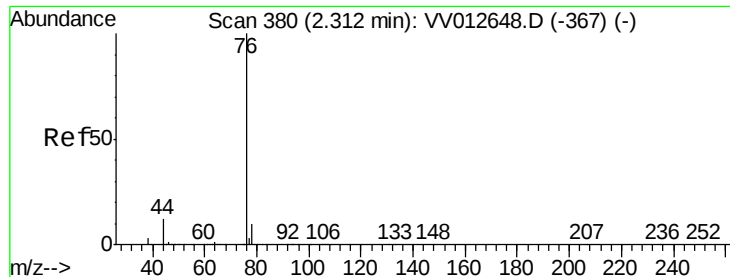
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#14

Carbon disulfide

Concen: 0.062 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

Instrument :

MSVOA_V

ClientSampled :

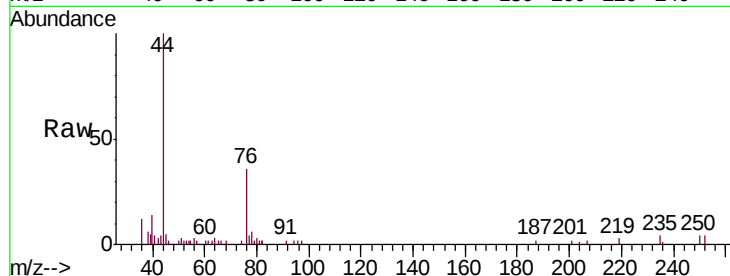
VBLK52

Tgt Ion: 76 Resp: 3997

Ion Ratio Lower Upper

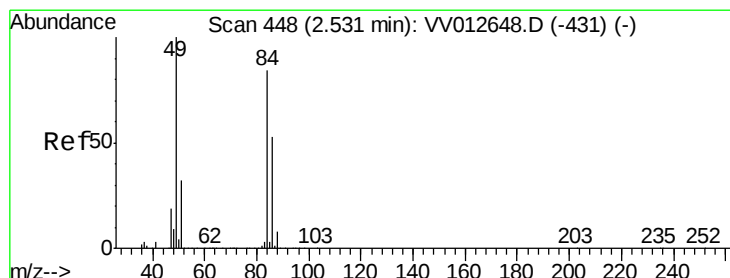
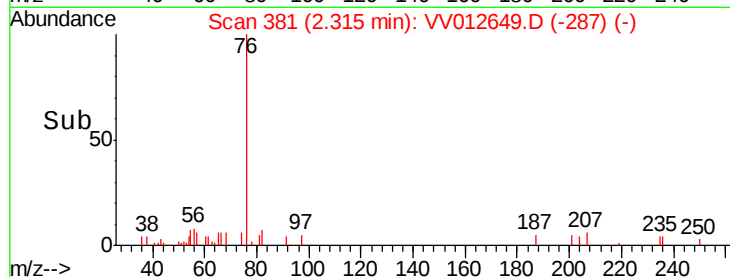
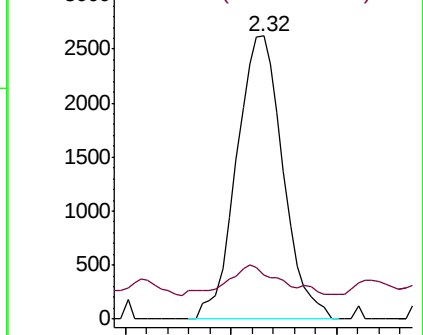
76 100

78 15.7 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#16

Methylene chloride

Concen: 0.136 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

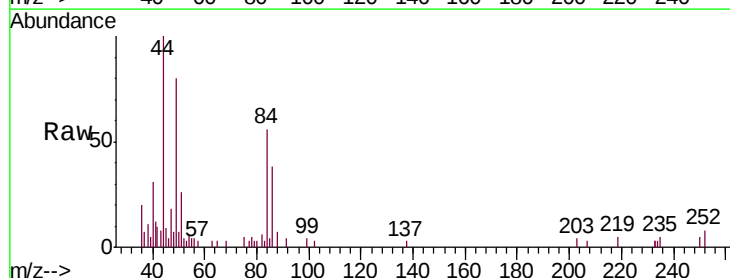
Tgt Ion: 84 Resp: 3952

Ion Ratio Lower Upper

84 100

86 68.4 46.1 85.7

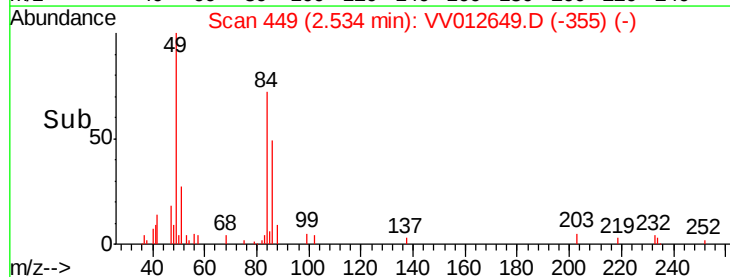
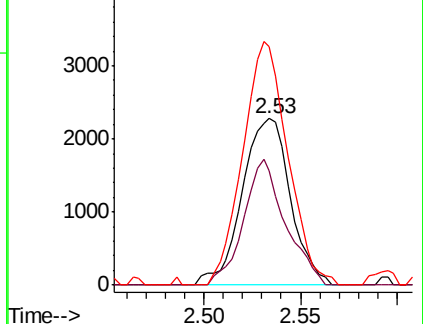
49 142.9 85.3 158.3

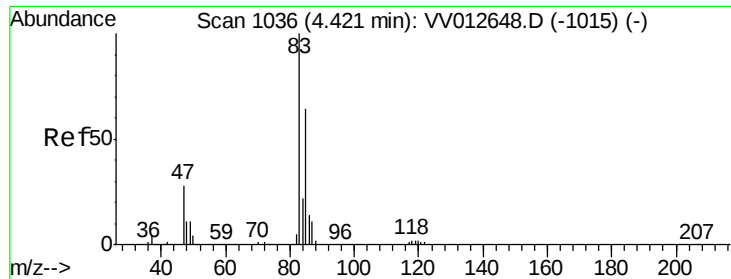


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

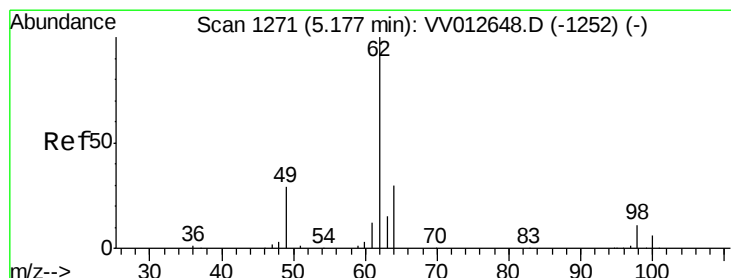
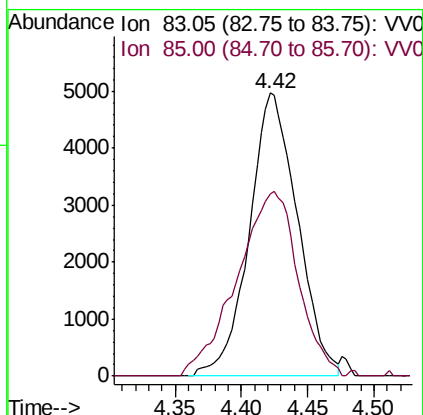
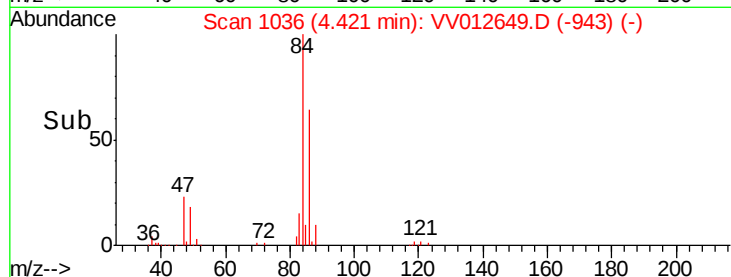
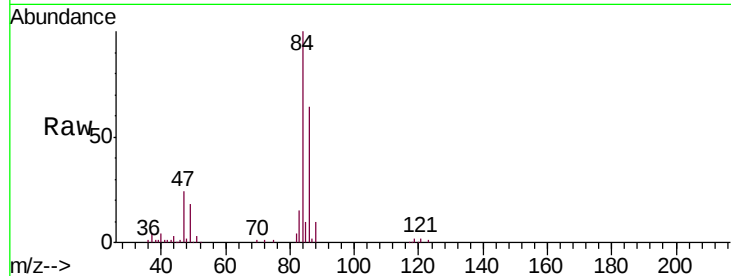




#25
Chloroform
Concen: 0.227 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV012649.D
Acq: 10 Sep 2019 11:25

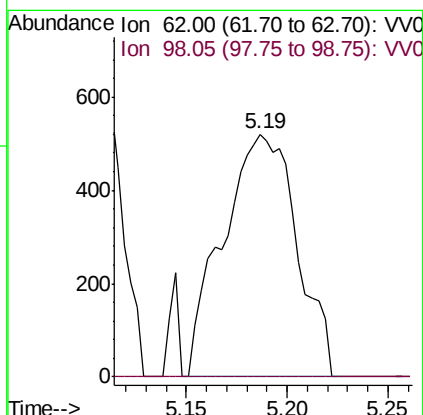
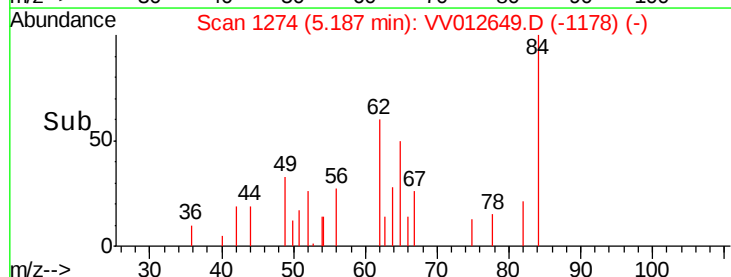
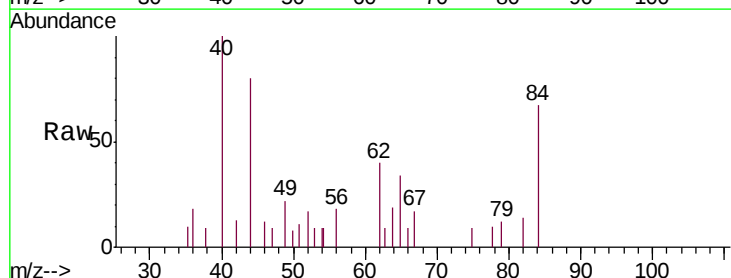
Instrument :
MSVOA_V
ClientSampled :
VBLK52

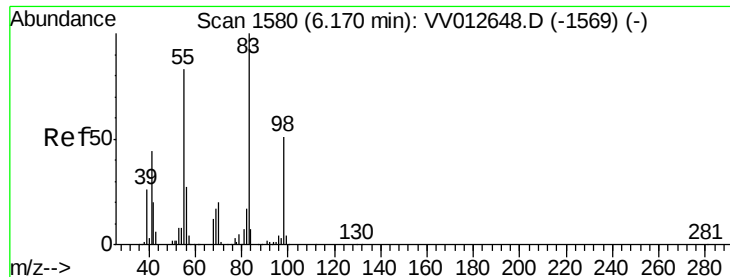
Tgt Ion: 83 Resp: 12598
Ion Ratio Lower Upper
83 100
85 64.4 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.046 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.01 min
Lab File: VV012649.D
Acq: 10 Sep 2019 11:25

Tgt Ion: 62 Resp: 1328
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#

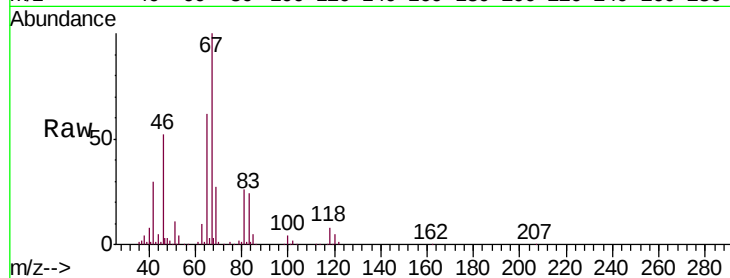




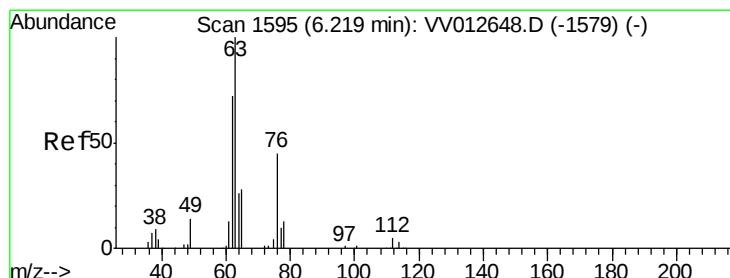
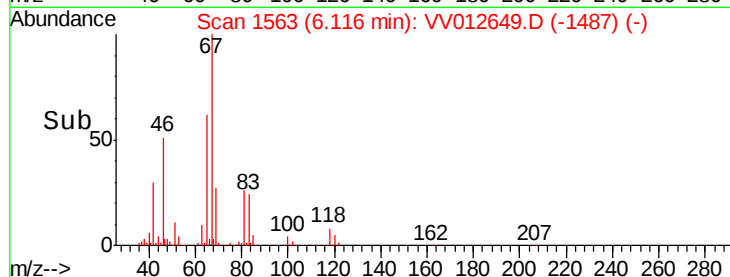
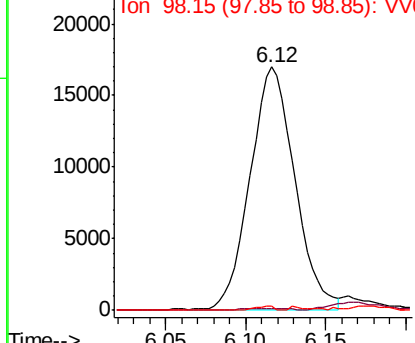
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012649.D
Acq: 10 Sep 2019 11:25

Instrument :
MSVOA_V
ClientSampled :
VBLK52

Tgt Ion: 83 Resp: 32821
Ion Ratio Lower Upper
83 100
55 0.9 63.0 94.4#
98 0.7 39.8 59.8#

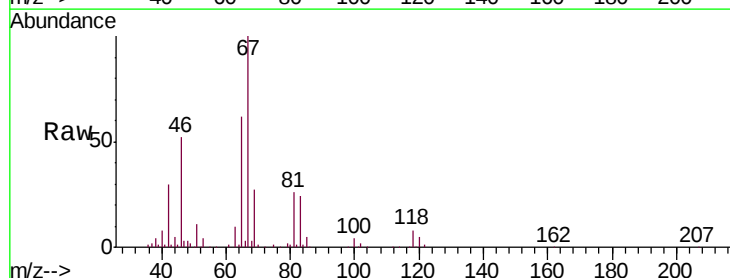


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

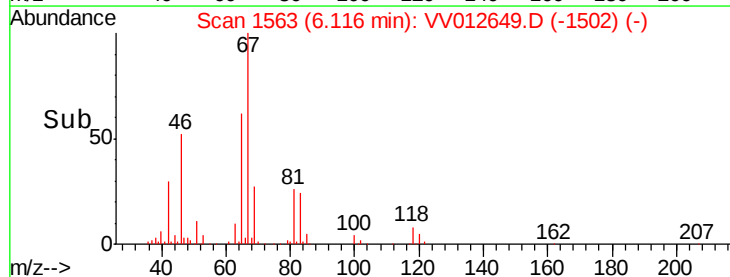
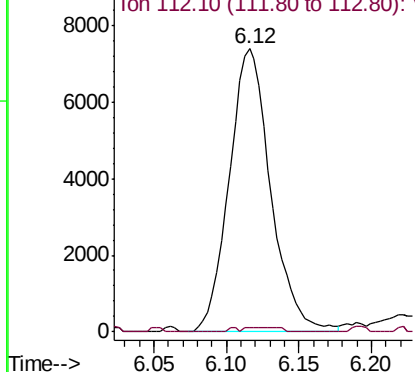


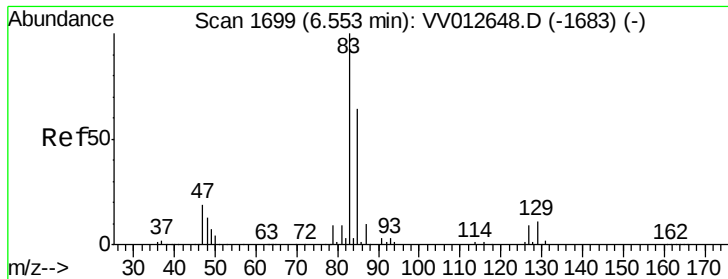
#37
1,2-Dichloropropane
Concen: 0.530 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012649.D
Acq: 10 Sep 2019 11:25

Tgt Ion: 63 Resp: 14707
Ion Ratio Lower Upper
63 100
112 0.3 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.046 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

Instrument :

MSVOA_V

ClientSampled :

VBLK52

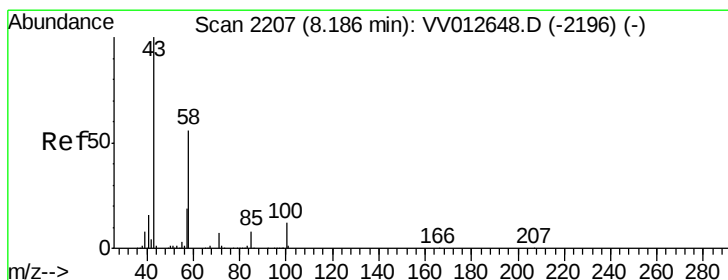
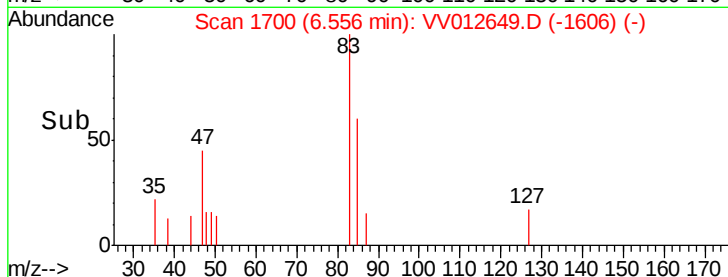
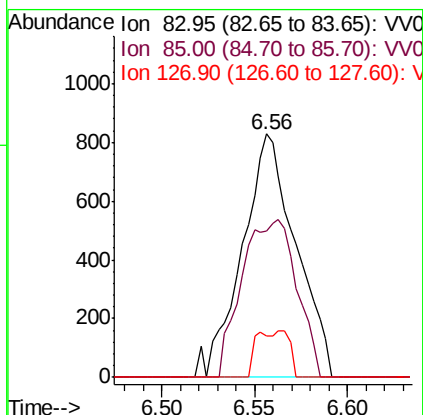
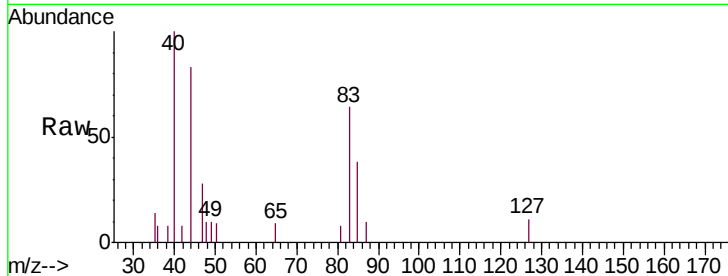
Tgt Ion: 83 Resp: 1667

Ion Ratio Lower Upper

83 100

85 60.0 45.3 84.1

127 17.1 6.8 10.2#



#48

2-Hexanone

Concen: 3.630 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012649.D

Acq: 10 Sep 2019 11:25

Tgt Ion: 43 Resp: 39933

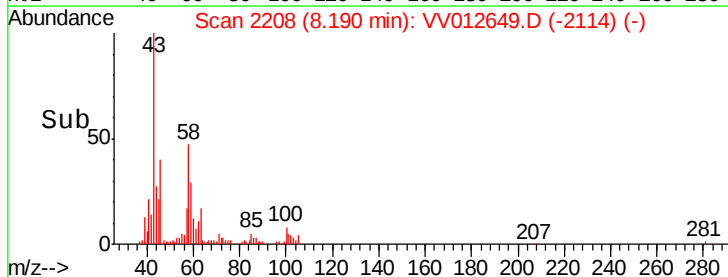
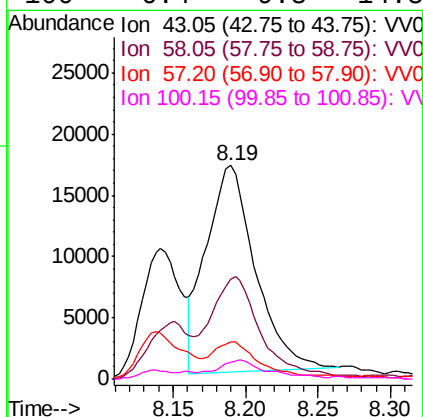
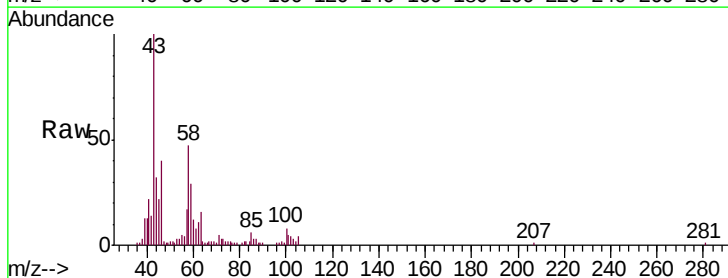
Ion Ratio Lower Upper

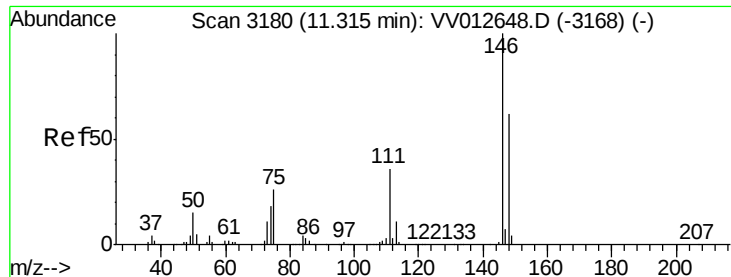
43 100

58 47.9 44.8 67.2

57 14.6 14.9 22.3#

100 6.4 9.8 14.8#

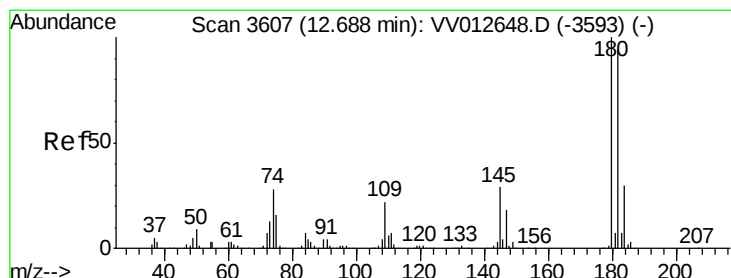
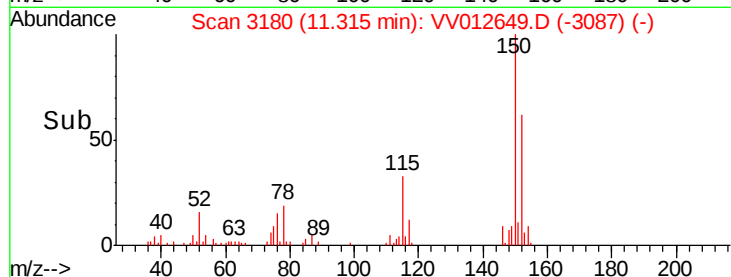
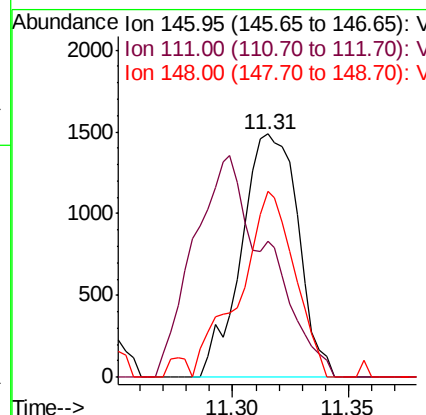
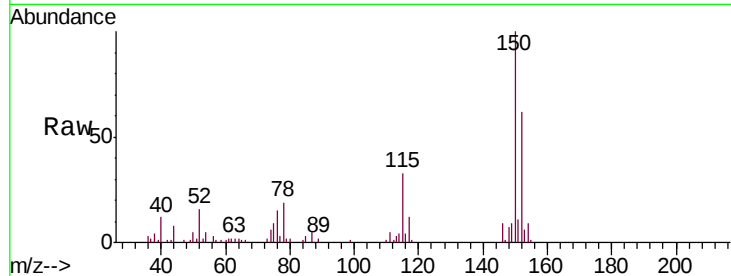




#63
 1,4-Dichlorobenzene
 Concen: 0.053 ug/L
 RT: 11.31 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV012649.D
 Acq: 10 Sep 2019 11:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK52

Tgt Ion:146 Resp: 2526
 Ion Ratio Lower Upper
 146 100
 111 56.0 25.9 48.1#
 148 76.1 45.1 83.7



#67
 1,3,5-Trichlorobenzene
 Concen: 0.053 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VV012649.D
 Acq: 10 Sep 2019 11:25

Tgt Ion:180 Resp: 1897
 Ion Ratio Lower Upper
 180 100
 182 108.1 76.2 114.4
 184 36.0 24.3 36.5
 145 23.1 22.0 33.0

