

Data File : VV014128.D
Acq On : 19 Dec 2019 10:23
Operator : SY/MD
Sample : VV1219WBL01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Quant Time: Dec 20 07:15:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	364369	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	352674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	154616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	134517	5.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.20%
7) Chloroethane-d5	1.58	69	112204	5.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.20%
11) 1,1-Dichloroethene-d2	2.13	63	176406	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	3.96	46	222771	47.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.04%
24) Chloroform-d	4.40	84	235552	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.08	65	116126	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.09	84	451529	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.11	67	141827	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.36	98	372135	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	48739	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.13	63	154563	39.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101628	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	133434	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

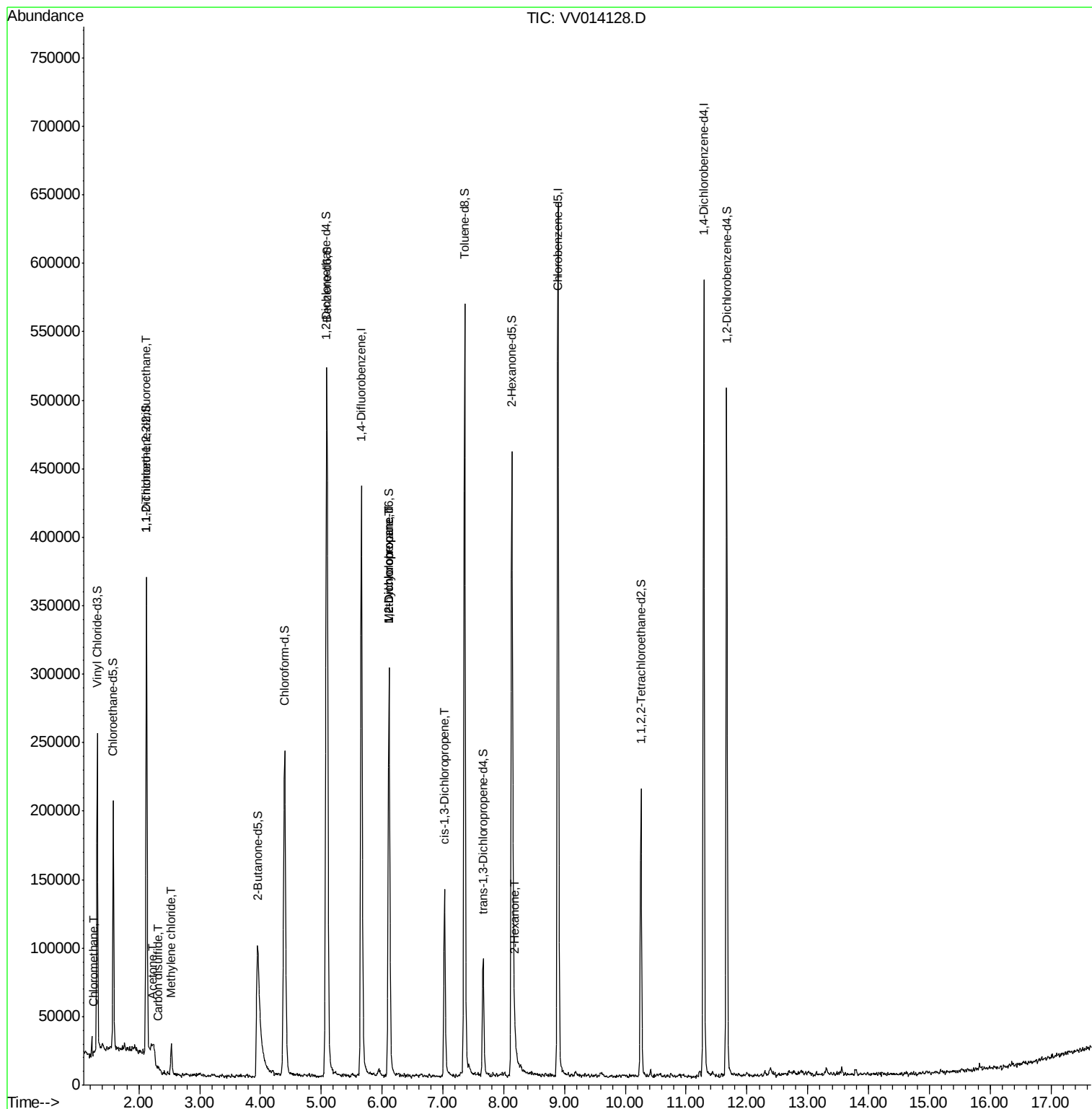
					Qvalue	
3) Chloromethane	1.25	50	1732	0.081	ug/L #	83
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2029	0.101	ug/L #	34
13) Acetone	2.22	43	5114	1.560	ug/L	83
14) Carbon disulfide	2.31	76	1665	0.041	ug/L #	63
16) Methylene chloride	2.53	84	9678	0.403	ug/L	92
35) Methylcyclohexane	6.11	83	33998	1.068	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	15547	0.699	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	3461	0.110	ug/L #	27
48) 2-Hexanone	8.18	43	7532	0.813	ug/L #	66

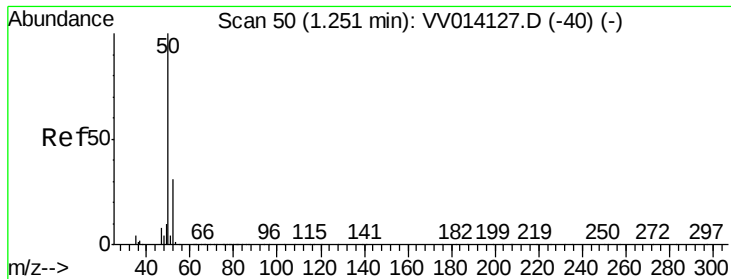
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.081 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV014128.D

Acq: 19 Dec 2019 10:23

Instrument :

MSVOA_V

ClientSampleId :

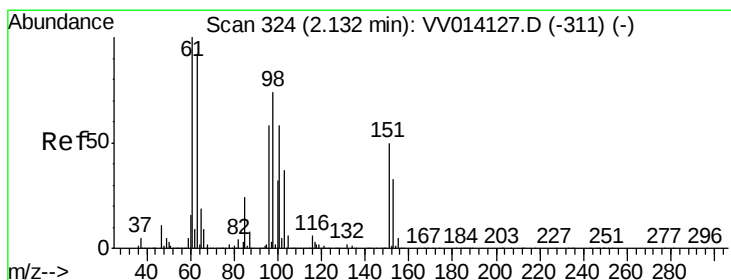
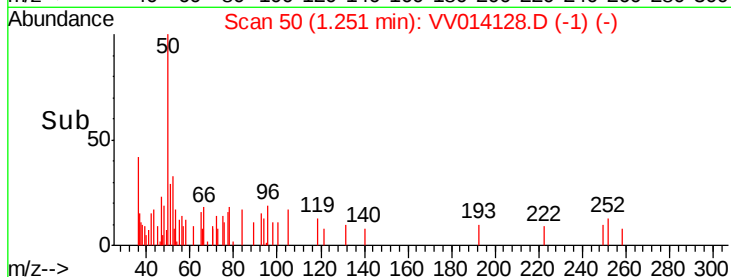
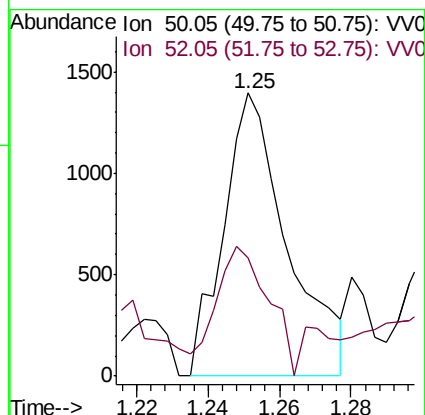
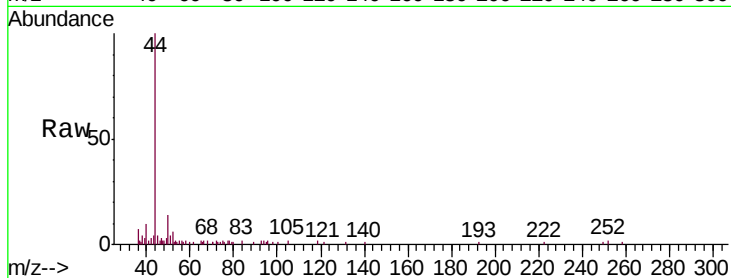
VBLK64

Tgt Ion: 50 Resp: 1732

Ion Ratio Lower Upper

50 100

52 41.8 22.5 41.7#



#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014128.D

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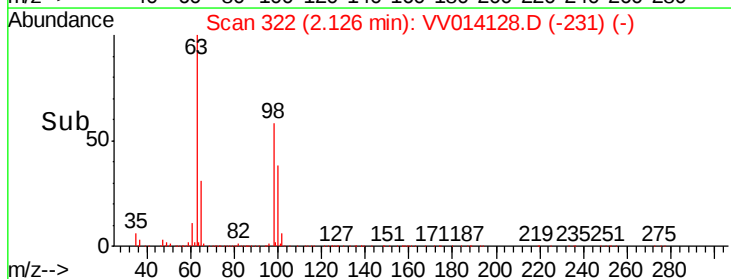
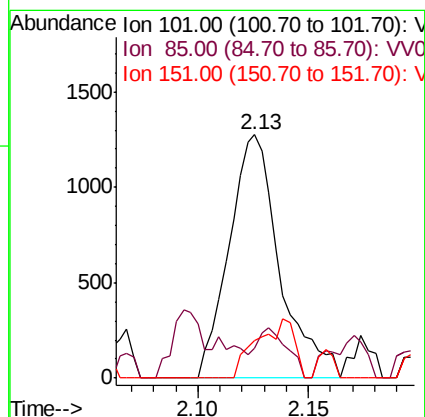
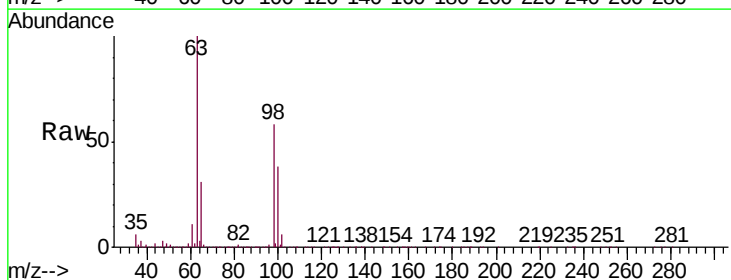
Tgt Ion: 101 Resp: 2029

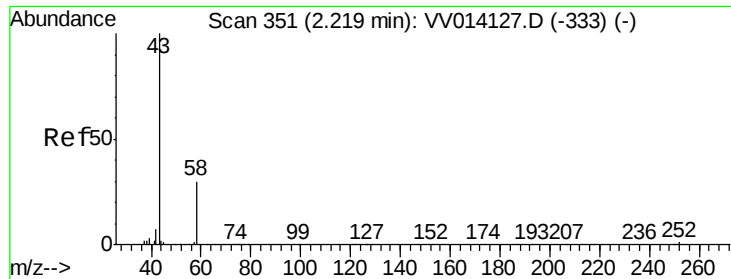
Ion Ratio Lower Upper

101 100

85 12.5 33.4 50.0#

151 17.7 69.4 104.0#





#13

Acetone

Concen: 1.560 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV014128.D

Acq: 19 Dec 2019 10:23

Instrument :

MSVOA_V

ClientSampleId :

VBLK64

Tgt Ion: 43 Resp: 5114

Ion Ratio Lower Upper

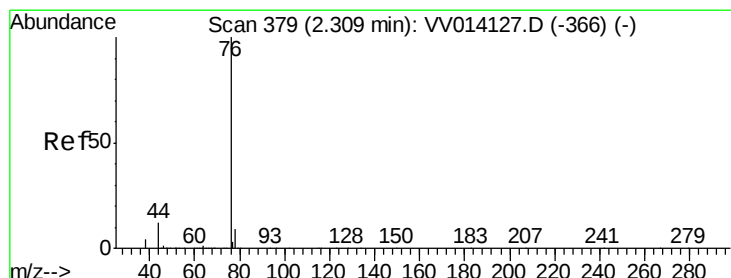
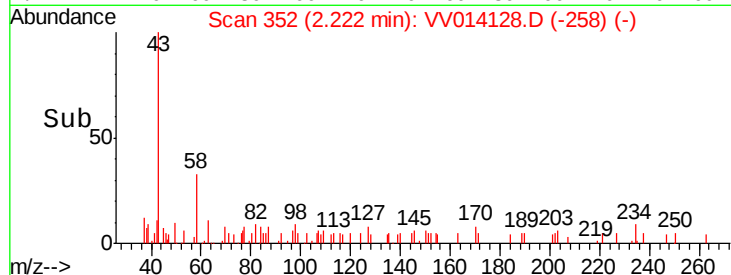
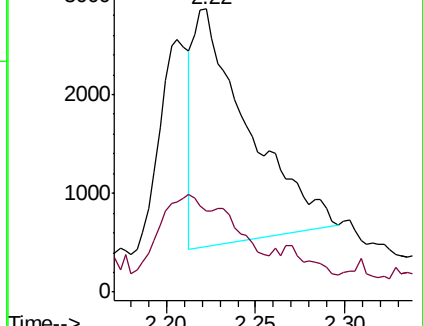
43 100

58 6.9 0.0 27.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.041 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.00 min

Lab File: VV014128.D

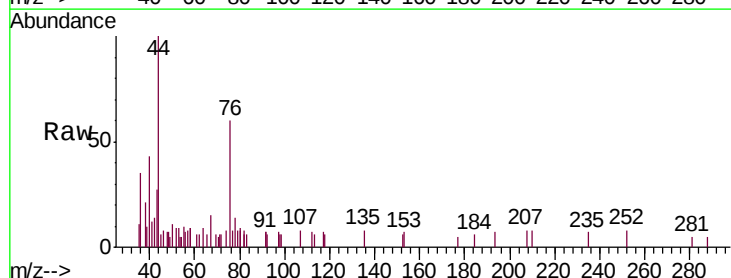
Acq: 19 Dec 2019 10:23

Tgt Ion: 76 Resp: 1665

Ion Ratio Lower Upper

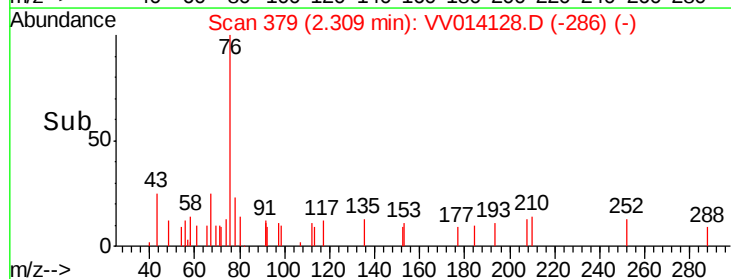
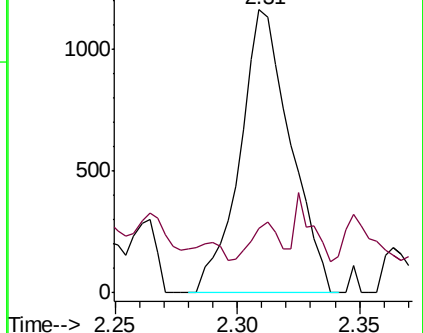
76 100

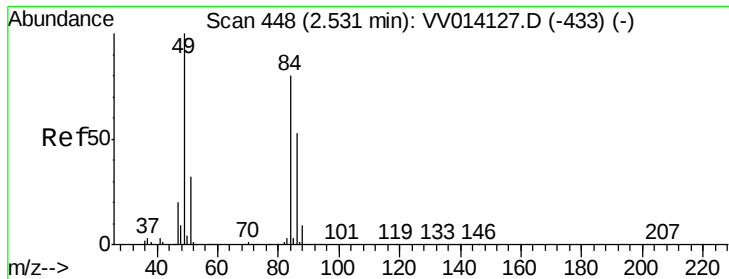
78 22.8 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

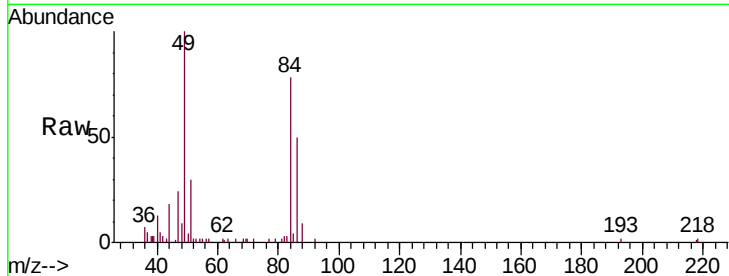




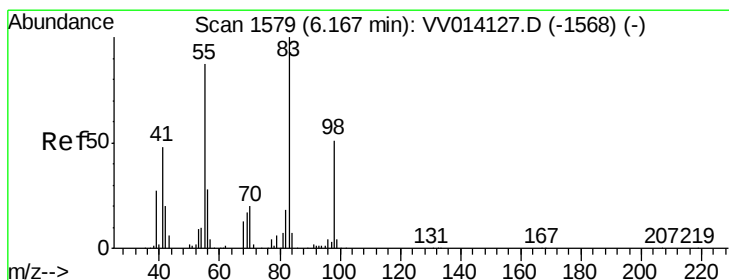
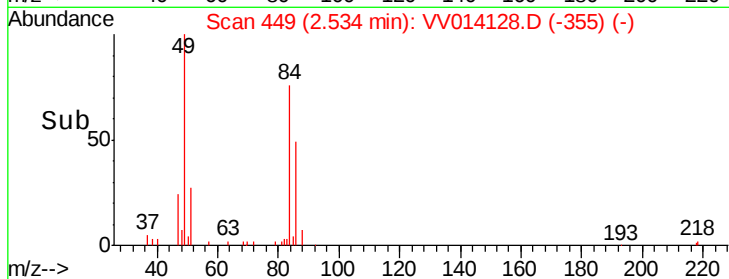
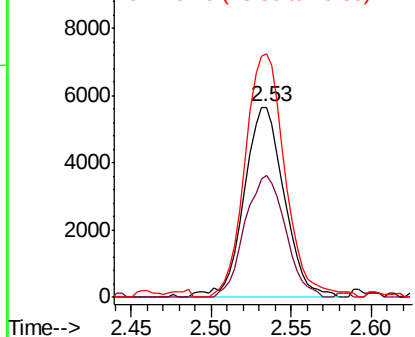
#16
Methylene chloride
Concen: 0.403 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014128.D
Acq: 19 Dec 2019 10:23

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 84 Resp: 9678
Ion Ratio Lower Upper
84 100
86 64.4 44.0 81.6
49 127.9 81.5 151.5

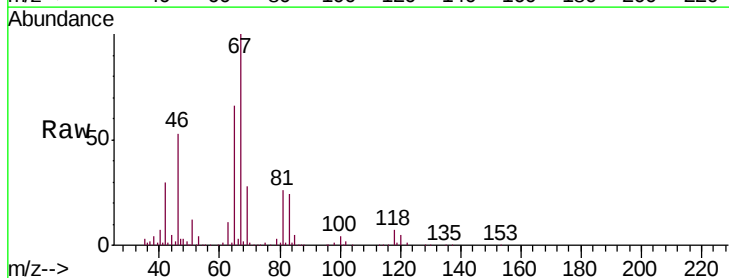


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

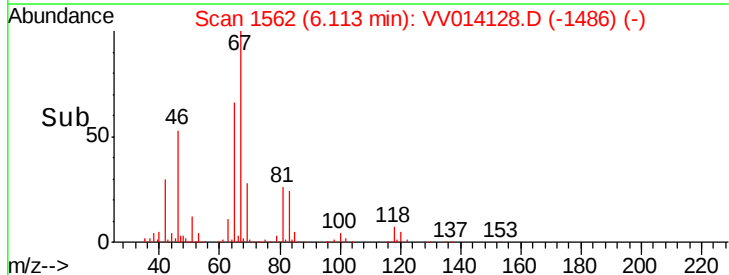
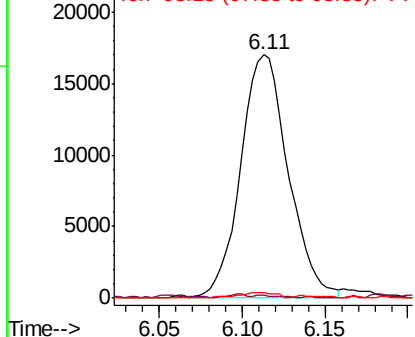


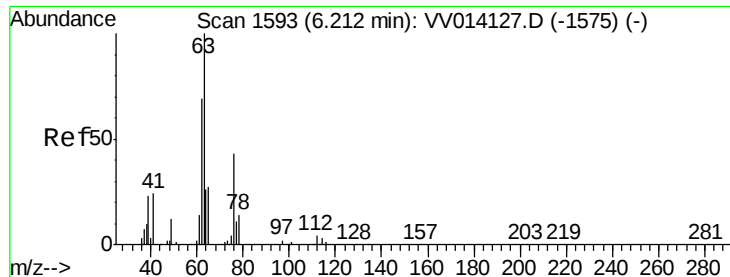
#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV014128.D
Acq: 19 Dec 2019 10:23

Tgt Ion: 83 Resp: 33998
Ion Ratio Lower Upper
83 100
55 0.1 60.3 90.5#
98 1.8 38.1 57.1#



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: 0.699 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014128.D

Acq: 19 Dec 2019 10:23

Instrument :

MSVOA_V

ClientSampleId :

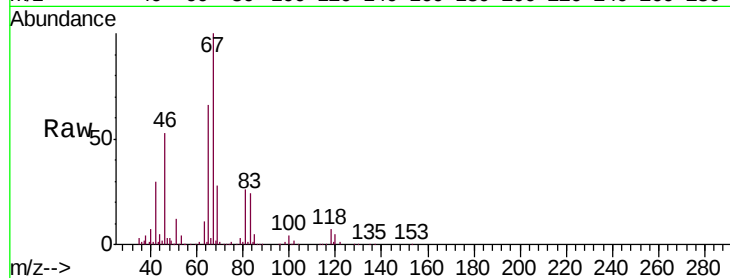
VBLK64

Tgt Ion: 63 Resp: 15547

Ion Ratio Lower Upper

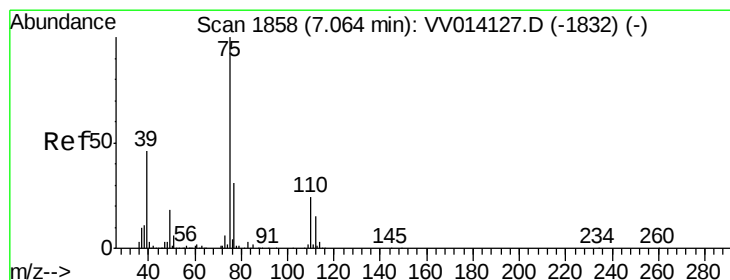
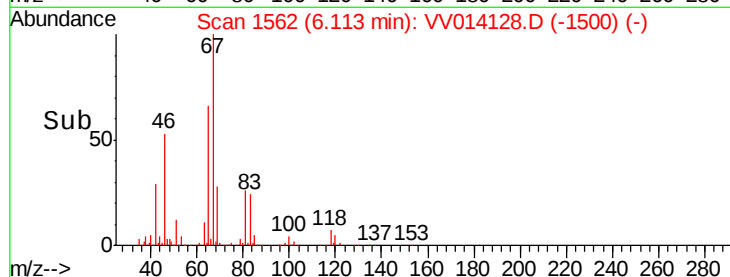
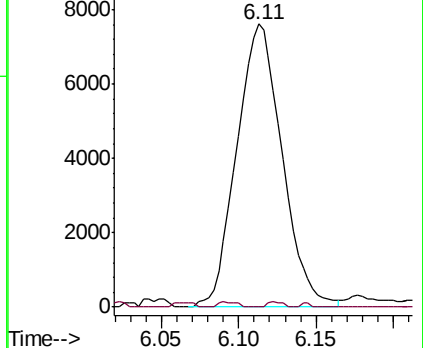
63 100

112 0.6 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): VV0



#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV014128.D

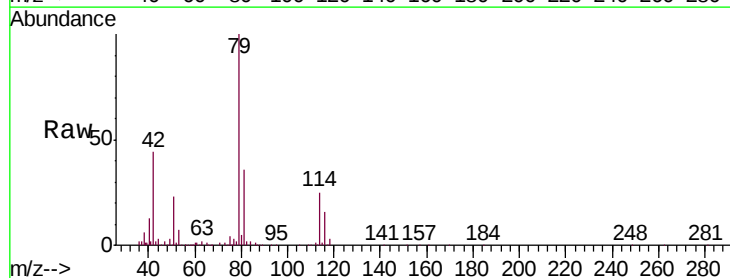
Acq: 19 Dec 2019 10:23

Tgt Ion: 75 Resp: 3461

Ion Ratio Lower Upper

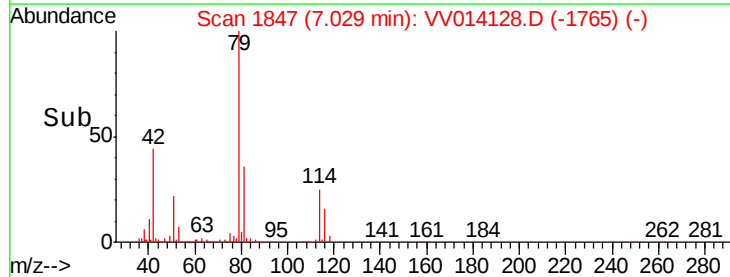
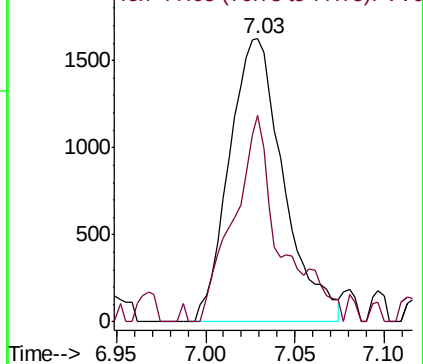
75 100

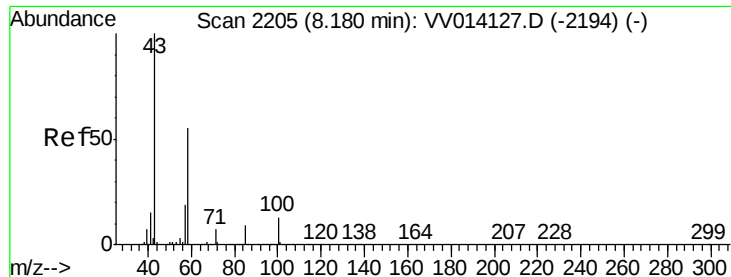
77 72.8 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 0.813 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV014128.D

Acq: 19 Dec 2019 10:23

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Tgt Ion: 43 Resp: 7532

Ion Ratio Lower Upper

43 100

58 27.3 43.2 64.8#

57 0.0 15.4 23.2#

100 10.5 10.4 15.6

