

Data File : VV013658.D
Acq On : 18 Nov 2019 14:52
Operator : SY/MD
Sample : K5856-19
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 19 04:28:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 04:25:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	373515	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357368	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	115143	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	105037	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	155289	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.92	46	283817	53.19	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.38%
24) Chloroform-d	4.39	84	255914	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.07	65	124843	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	497300	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.11	67	150667	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.35	98	403222	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	49032	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	194954	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	103757	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	175918	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

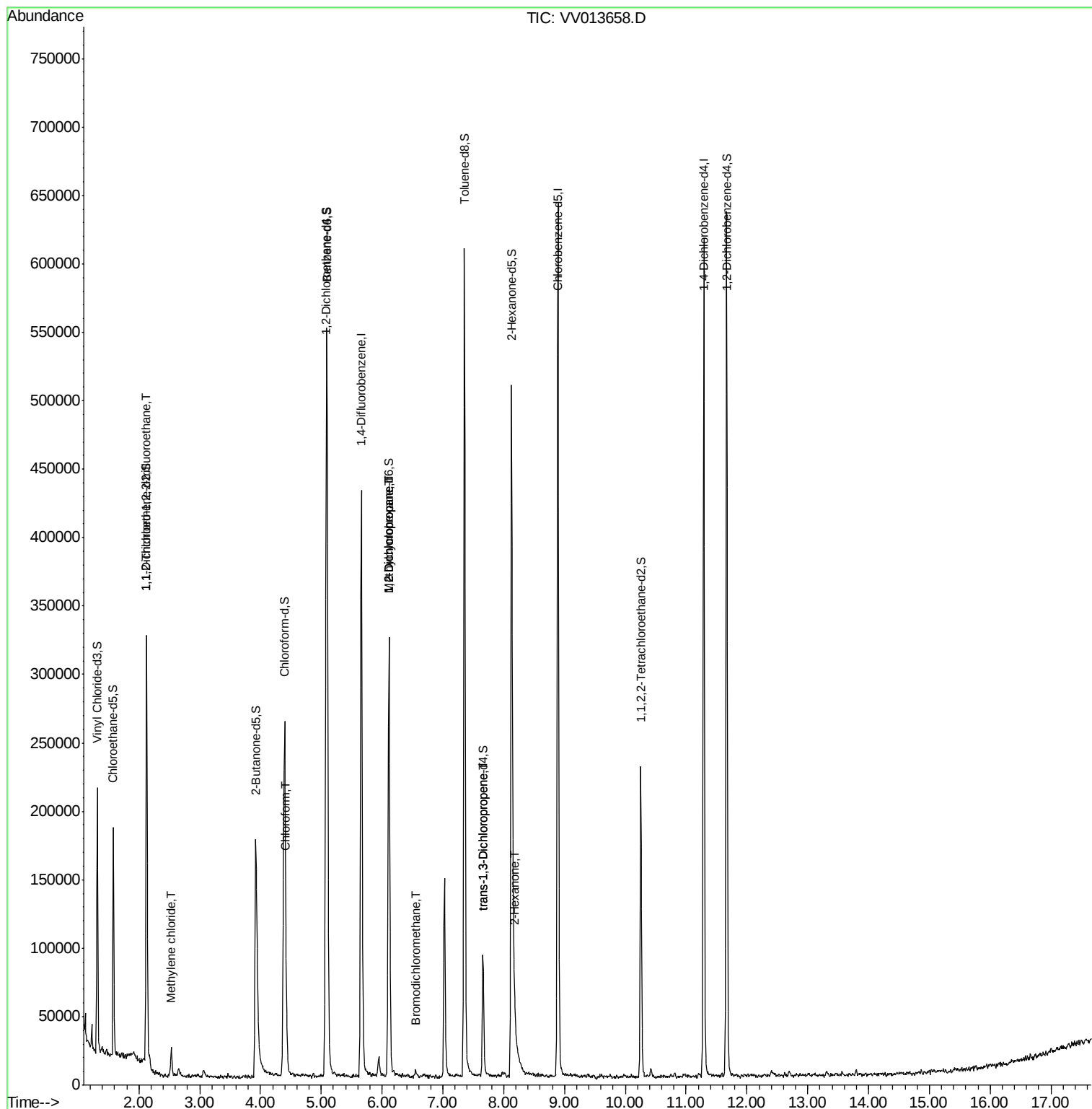
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1842	0.080	ug/L #	25
16) Methylene chloride	2.53	84	7647	0.247	ug/L	92
25) Chloroform	4.42	83	31046	0.466	ug/L	94
35) Methylcyclohexane	6.11	83	37410	0.847	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	17420	0.673	ug/L #	88
38) Bromodichloromethane	6.56	83	2946	0.082	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	2408	0.082	ug/L	97
48) 2-Hexanone	8.18	43	13421	1.256	ug/L #	76

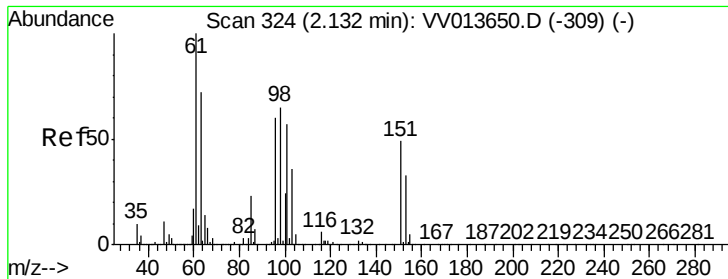
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013658.D

Acq: 18 Nov 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

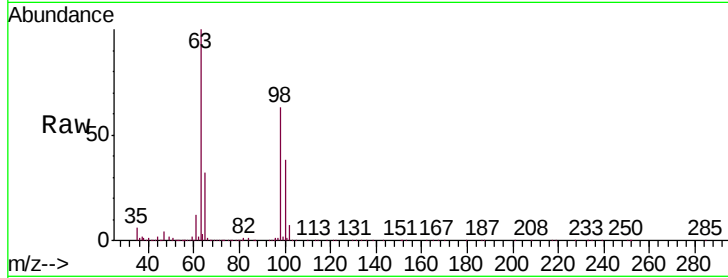
Tgt Ion: 101 Resp: 1842

Ion Ratio Lower Upper

101 100

85 5.8 32.0 48.0#

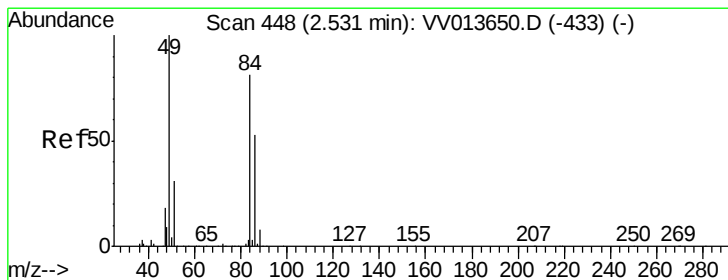
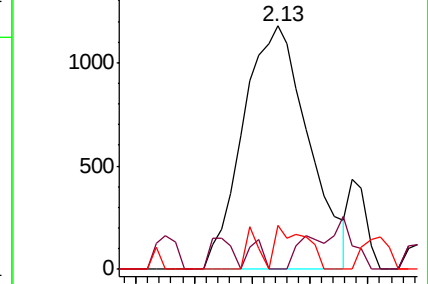
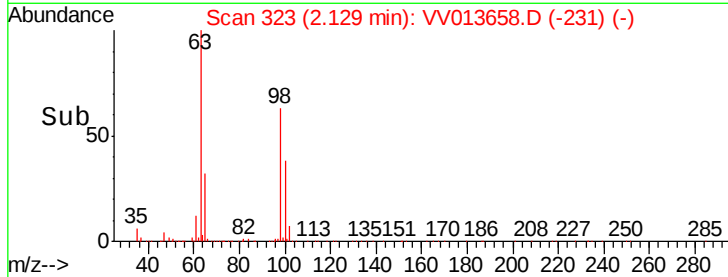
151 8.5 69.0 103.6#



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



#16

Methylene chloride

Concen: 0.247 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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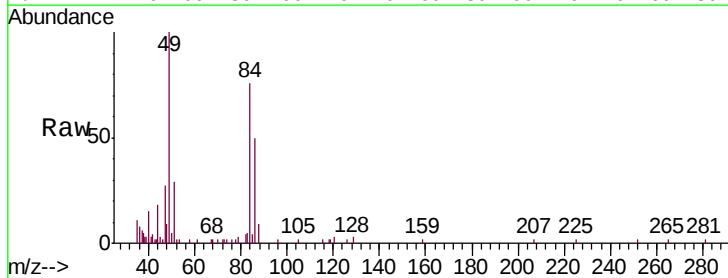
Tgt Ion: 84 Resp: 7647

Ion Ratio Lower Upper

84 100

86 65.7 44.1 81.9

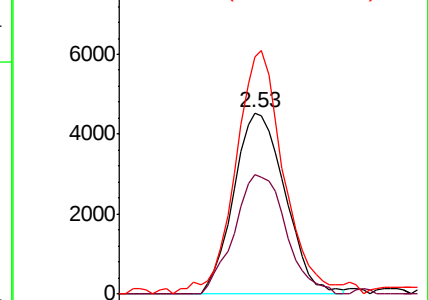
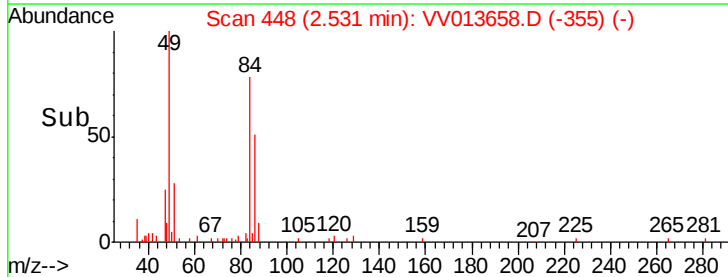
49 131.2 83.4 155.0

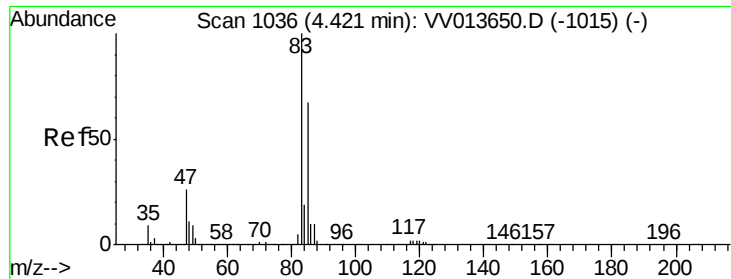


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

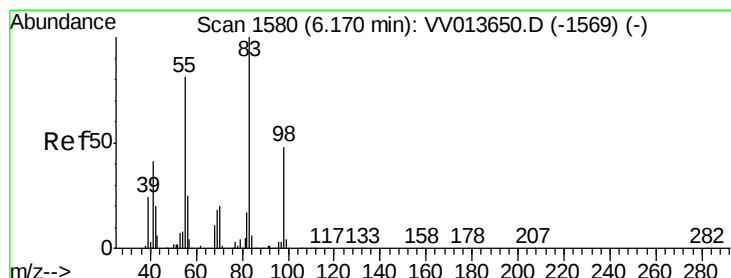
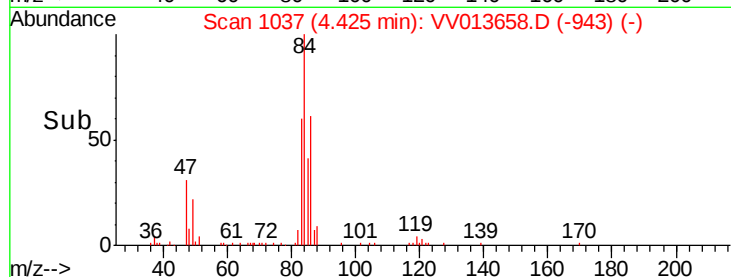
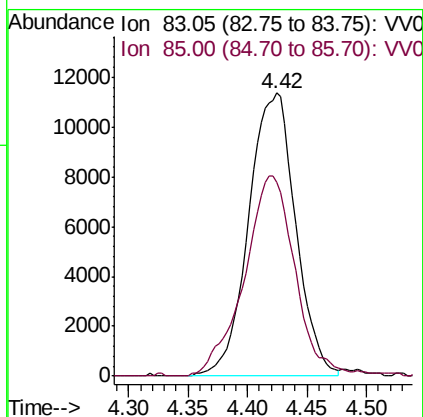
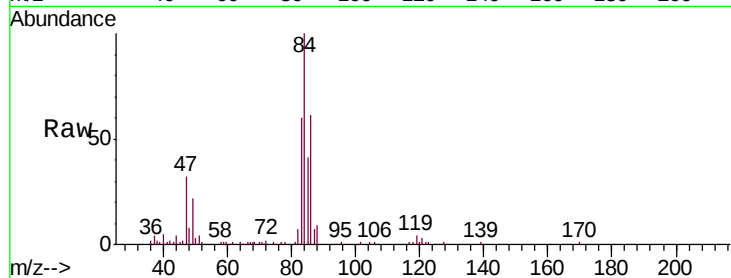




#25
Chloroform
Concen: 0.466 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013658.D
Acq: 18 Nov 2019 14:52

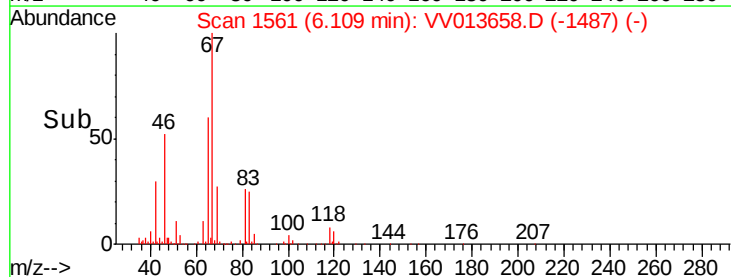
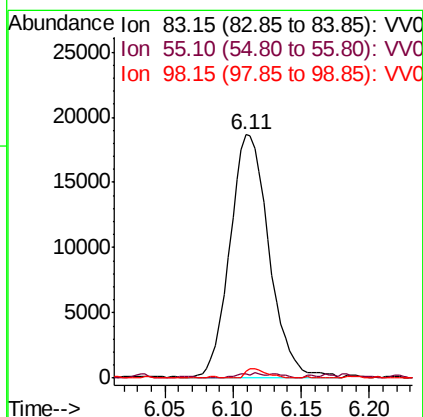
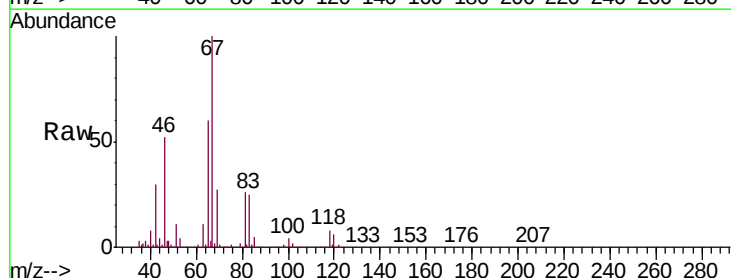
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MSVOA_V
ClientSampleId :
VHBLK01

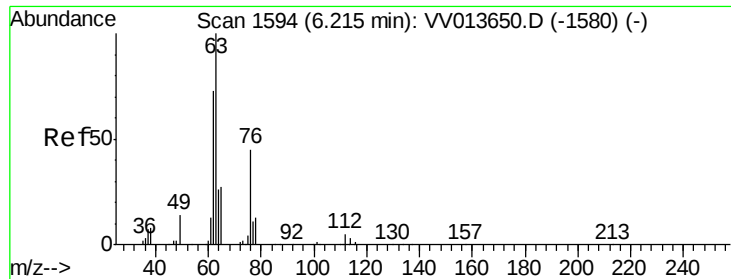
Tgt Ion: 83 Resp: 31046
Ion Ratio Lower Upper
83 100
85 68.5 44.4 82.5



#35
Methylcyclohexane
Concen: 0.847 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013658.D
Acq: 18 Nov 2019 14:52

Tgt Ion: 83 Resp: 37410
Ion Ratio Lower Upper
83 100
55 1.3 64.1 96.1#
98 2.0 38.2 57.2#

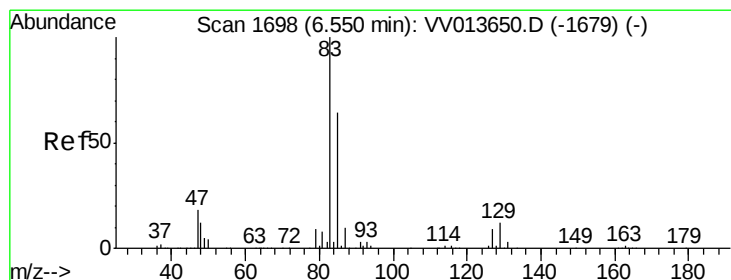
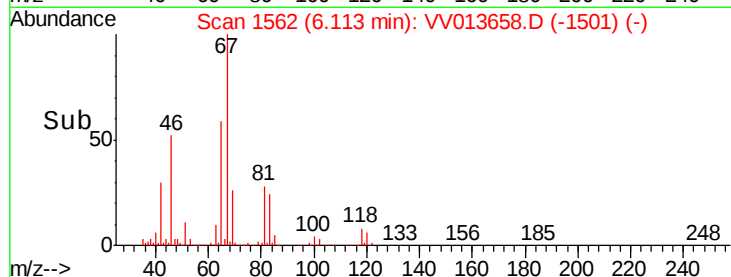
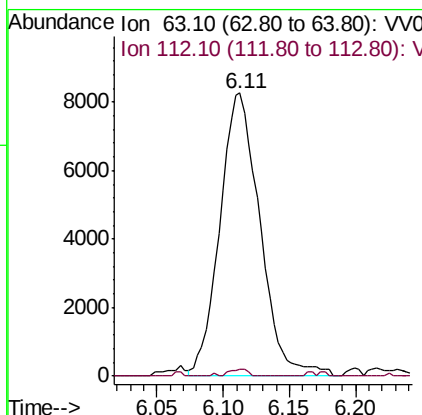
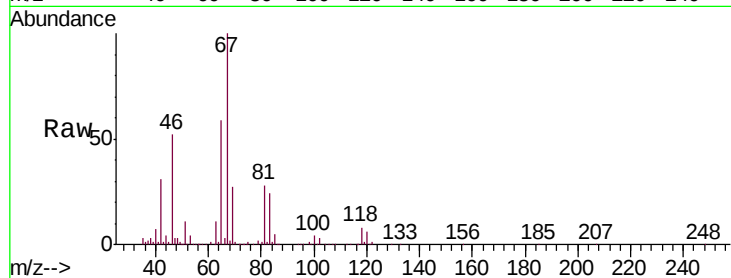




#37
 1,2-Dichloropropane
 Concen: 0.673 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV013658.D
 Acq: 18 Nov 2019 14:52

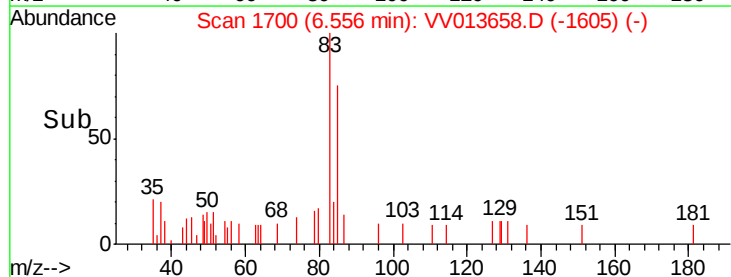
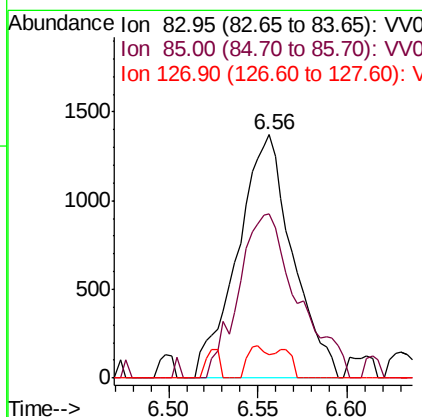
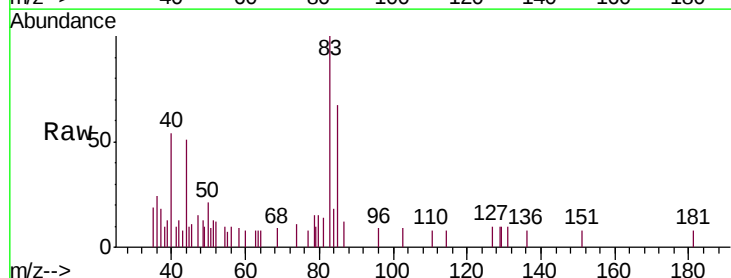
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

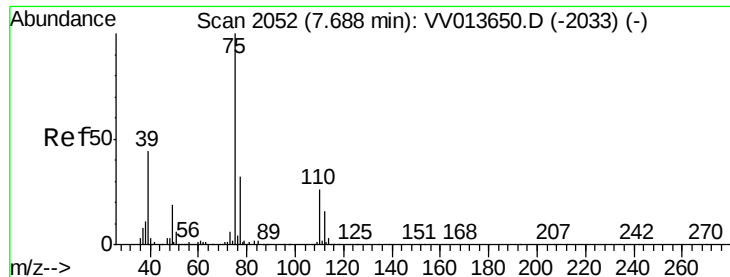
Tgt Ion: 63 Resp: 17420
 Ion Ratio Lower Upper
 63 100
 112 1.1 4.1 6.1#



#38
 Bromodichloromethane
 Concen: 0.082 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: VV013658.D
 Acq: 18 Nov 2019 14:52

Tgt Ion: 83 Resp: 2946
 Ion Ratio Lower Upper
 83 100
 85 67.4 44.9 83.5
 127 9.7 7.0 10.6





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013658.D

Acq: 18 Nov 2019 14:52

Instrument :

MSVOA_V

ClientSampleId :

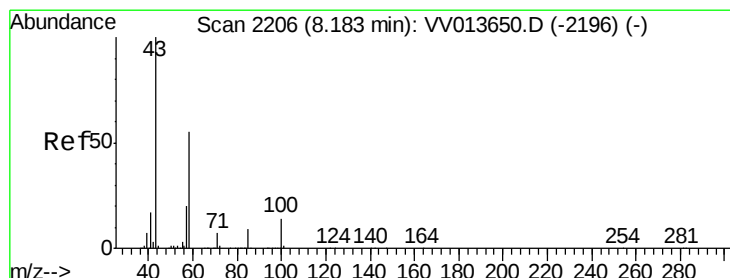
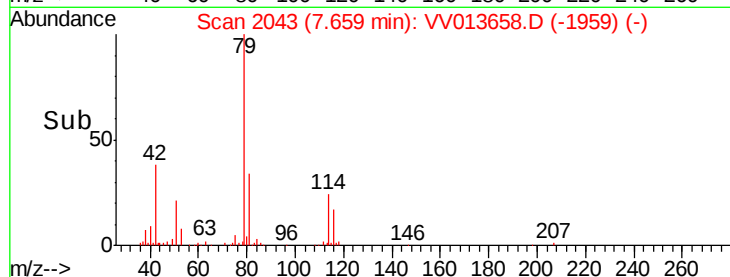
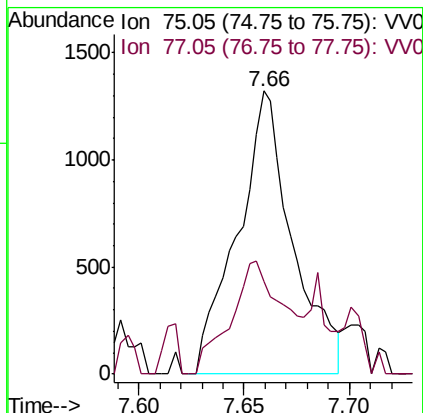
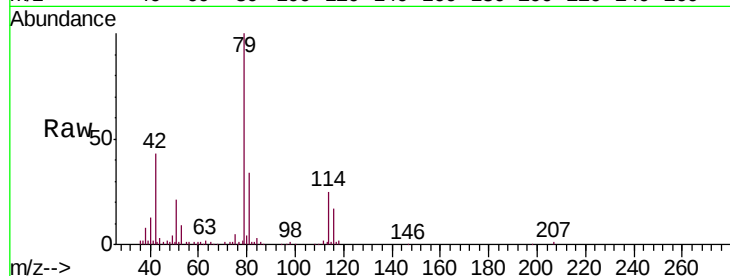
VHBLK01

Tgt Ion: 75 Resp: 2408

Ion Ratio Lower Upper

75 100

77 32.6 21.6 40.2



#48

2-Hexanone

Concen: 1.256 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013658.D

Acq: 18 Nov 2019 14:52

Tgt Ion: 43 Resp: 13421

Ion Ratio Lower Upper

43 100

58 41.5 43.0 64.6#

57 0.0 15.4 23.2#

100 3.7 10.1 15.1#

