

Data File : VV012925.D
Acq On : 20 Sep 2019 15:42
Operator : SY/MD
Sample : K4954-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Sep 21 00:45:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 21 00:42:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	359325	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	354259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	141838	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	133688	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	177817	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.97	46	453356	60.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.76%
24) Chloroform-d	4.40	84	296852	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.08	65	161315	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.10	84	576338	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.12	67	189129	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.36	98	446142	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.66	79	62597	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.14	63	290067	53.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	138656	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	169601	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

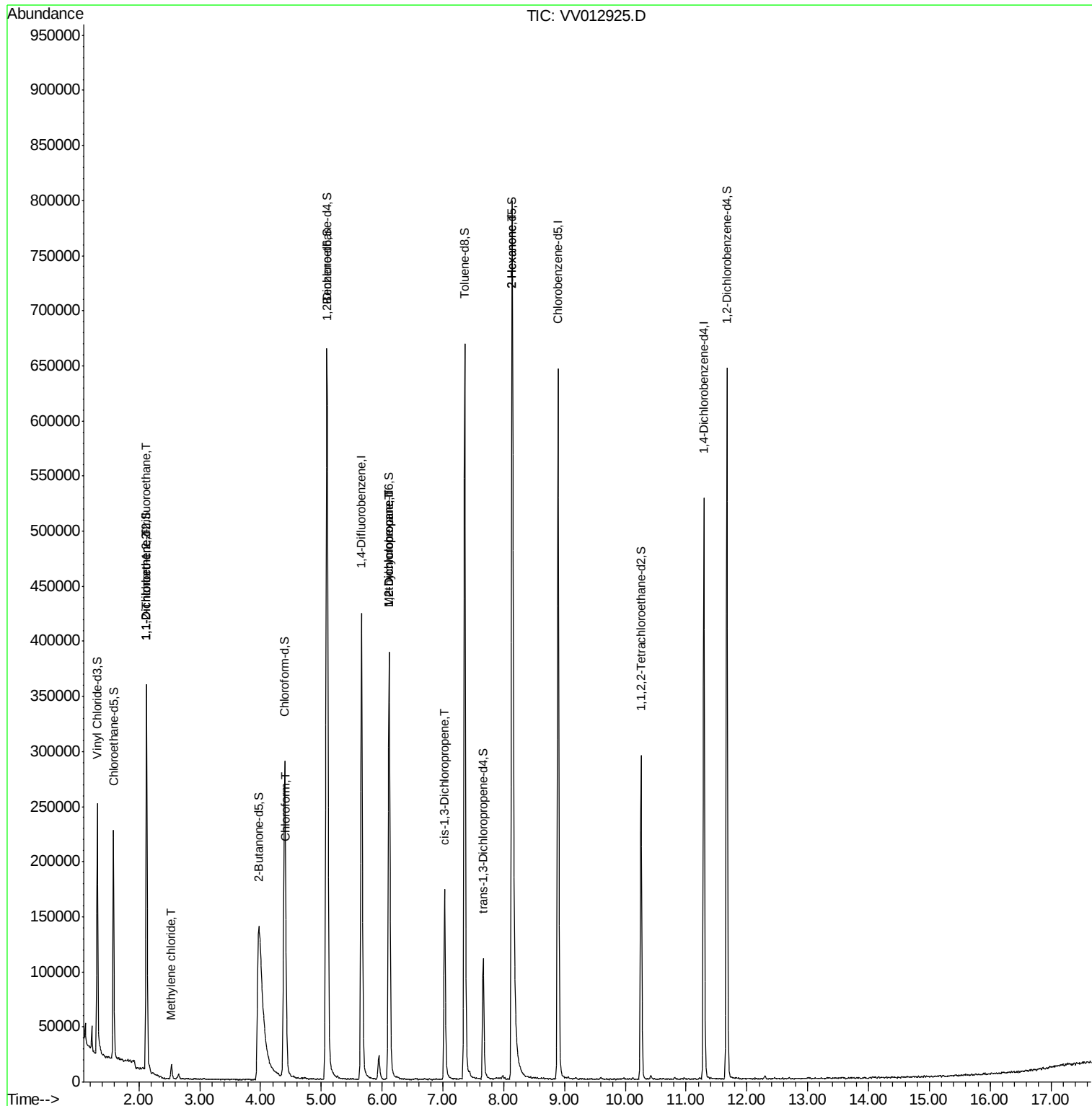
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1792	0.085	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	1643	0.085	ug/L #	1
16) Methylene chloride	2.53	84	5099	0.215	ug/L	83
25) Chloroform	4.42	83	10621	0.214	ug/L	98
35) Methylcyclohexane	6.11	83	45169	1.422	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	20543	0.820	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4251	0.128	ug/L #	51
48) 2-Hexanone	8.14	43	57064	4.896	ug/L #	43

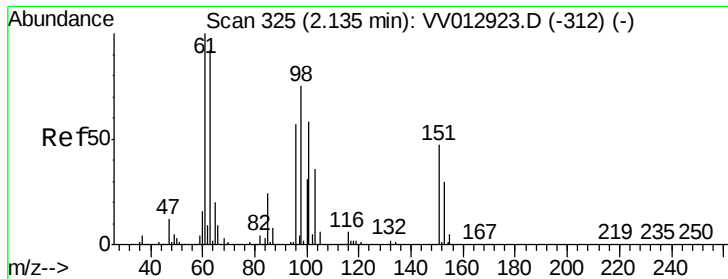
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012925.D

Acq: 20 Sep 2019 15:42

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

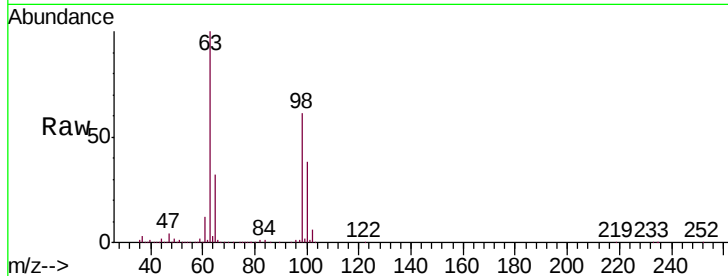
Tgt Ion: 101 Resp: 1792

Ion Ratio Lower Upper

101 100

85 3.9 33.5 50.3#

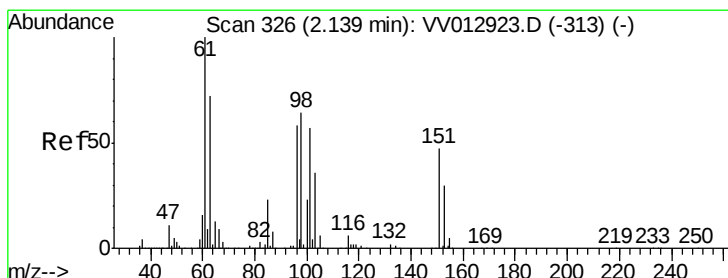
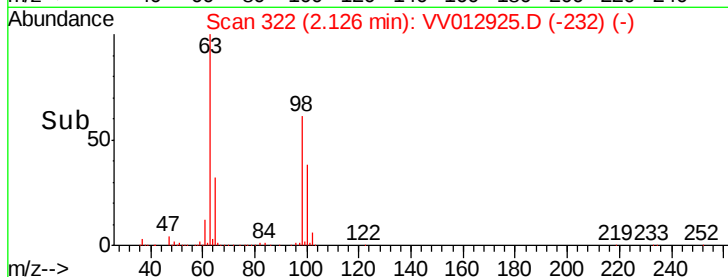
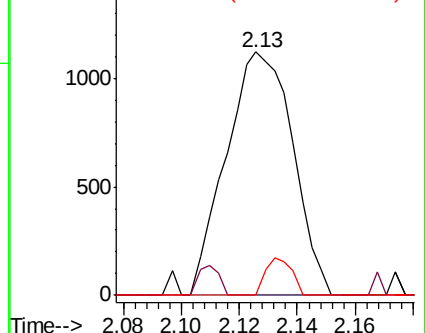
151 6.1 64.0 96.0#



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



#12

1,1-Dichloroethene

Concen: 0.085 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012925.D

Acq: 20 Sep 2019 15:42

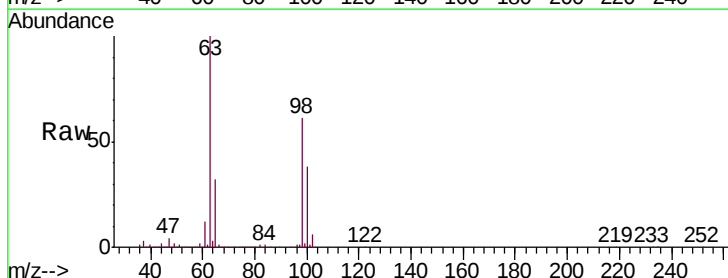
Tgt Ion: 96 Resp: 1643

Ion Ratio Lower Upper

96 100

61 1465.9 116.1 215.5#

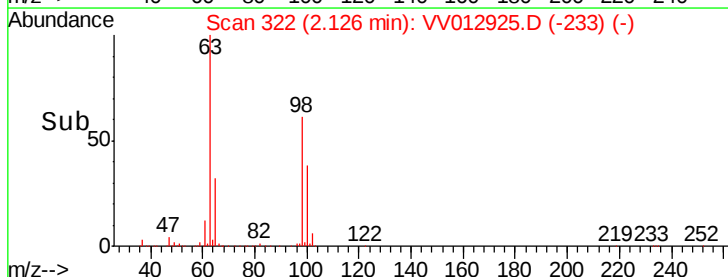
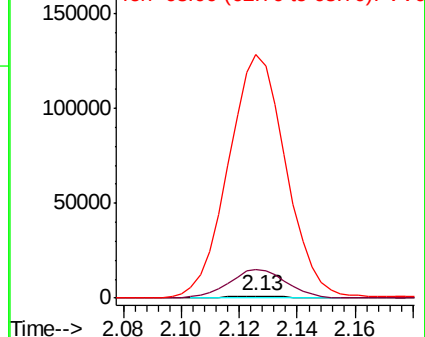
63 12289.7 113.3 210.3#

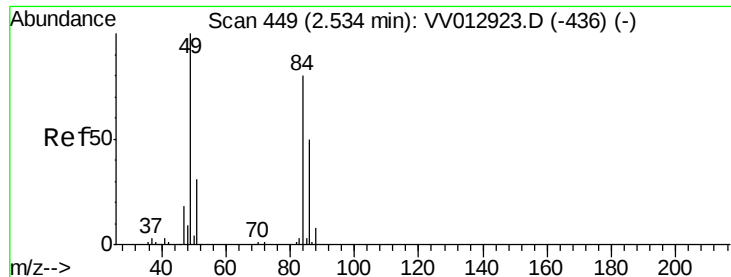


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

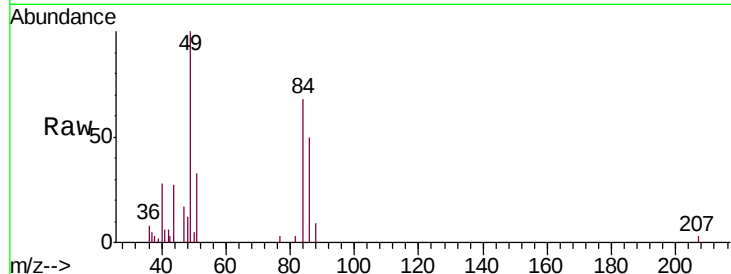




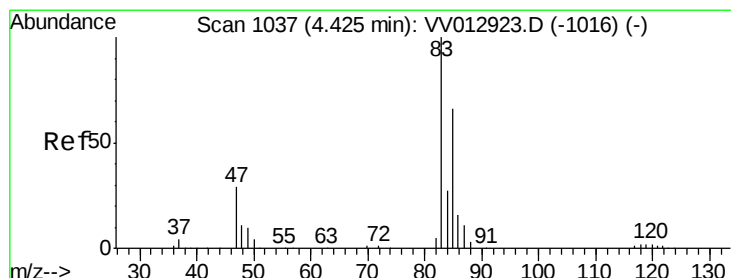
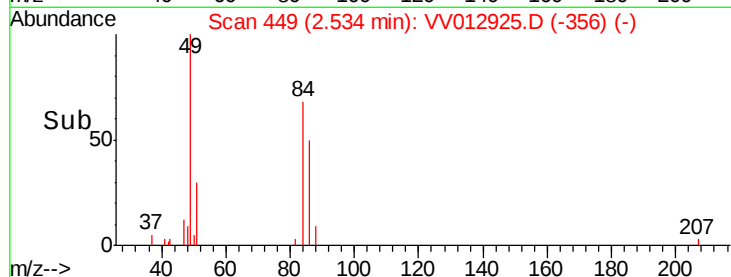
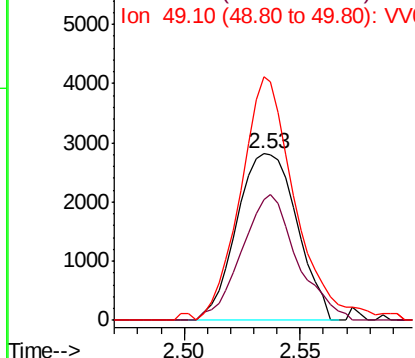
#16
Methylene chloride
Concen: 0.215 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
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VHBLK01

Tgt Ion: 84 Resp: 5099
Ion Ratio Lower Upper
84 100
86 72.5 44.8 83.2
49 146.2 85.9 159.5

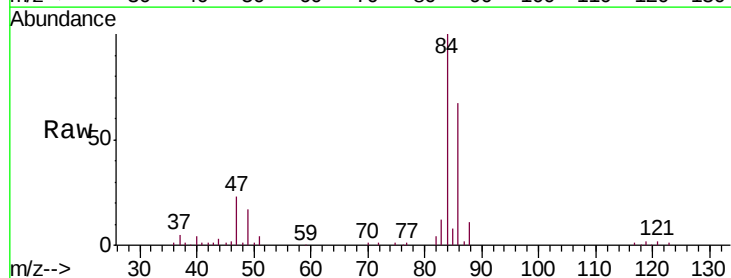


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

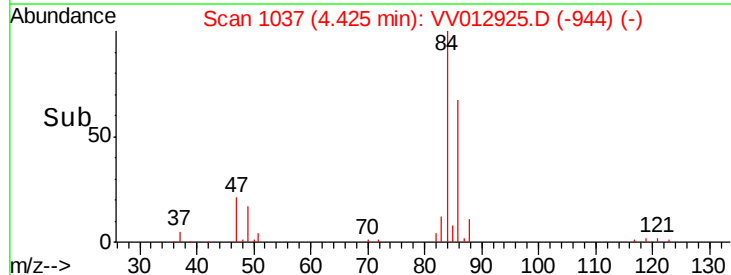
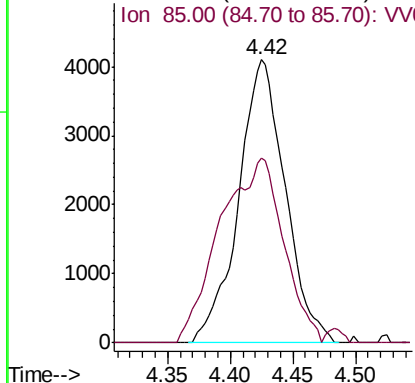


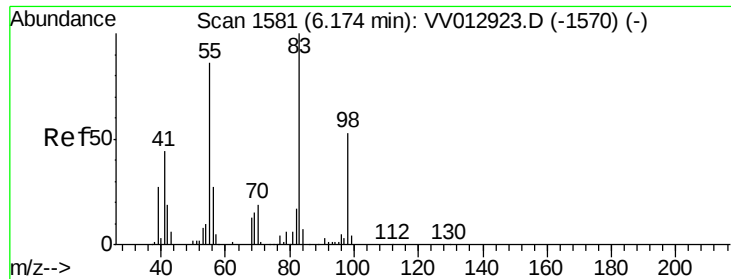
#25
Chloroform
Concen: 0.214 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012925.D
Acq: 20 Sep 2019 15:42

Tgt Ion: 83 Resp: 10621
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

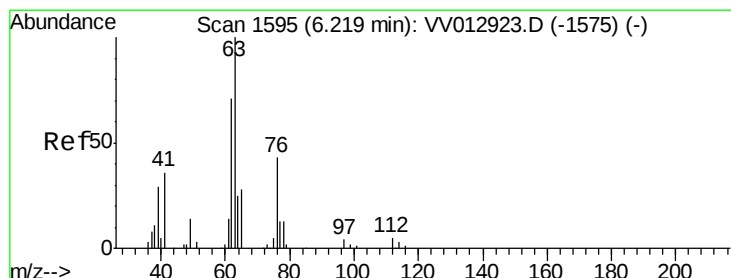
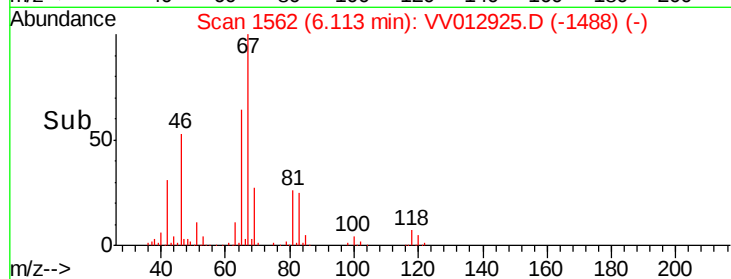
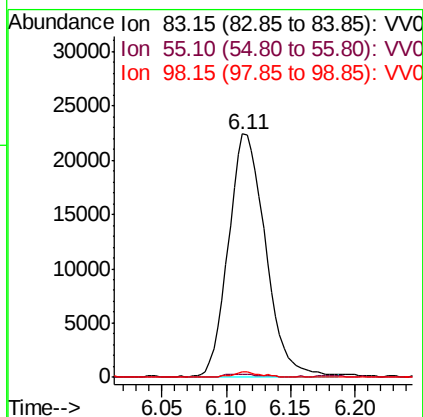
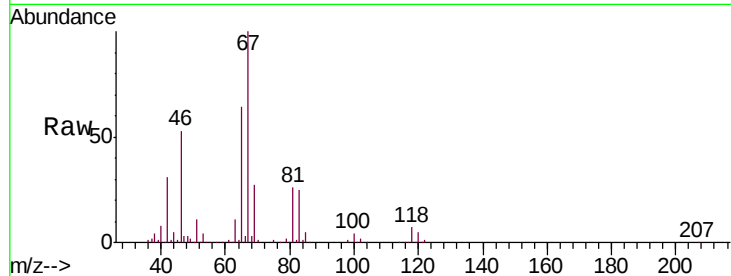




#35
Methylcyclohexane
Concen: 1.422 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV012925.D
Acq: 20 Sep 2019 15:42

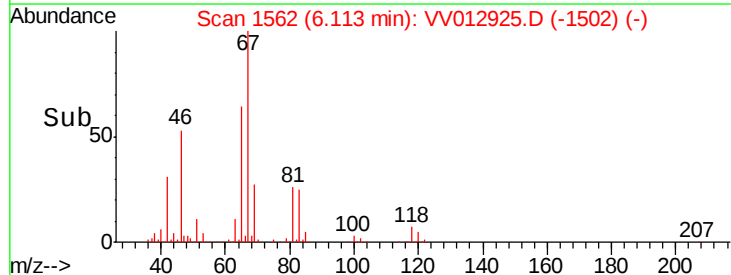
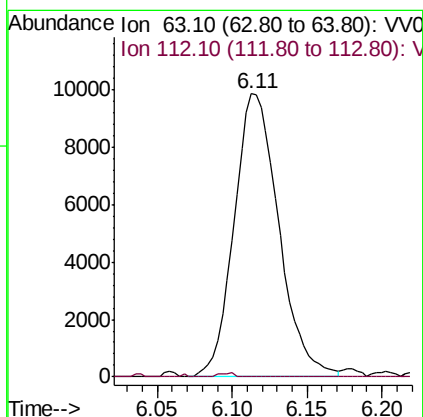
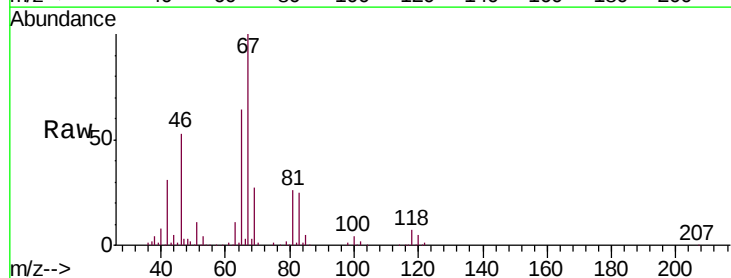
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

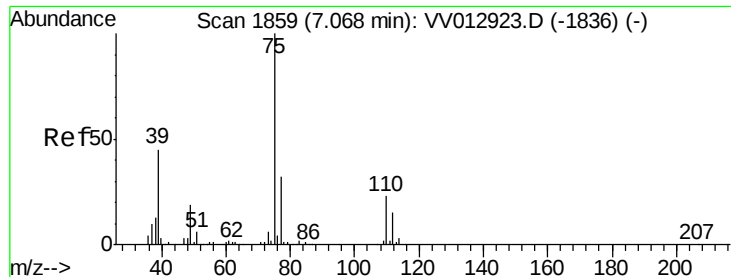
Tgt Ion: 83 Resp: 45169
Ion Ratio Lower Upper
83 100
55 1.2 63.8 95.6#
98 1.4 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.820 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV012925.D
Acq: 20 Sep 2019 15:42

Tgt Ion: 63 Resp: 20543
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.6#

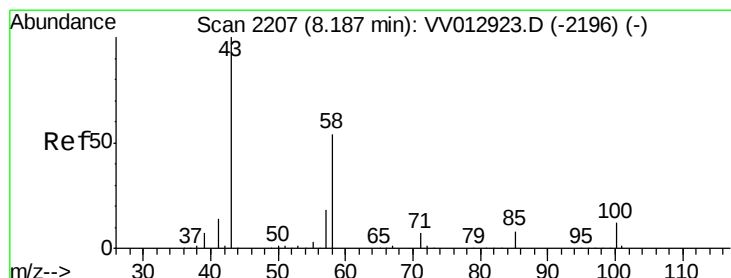
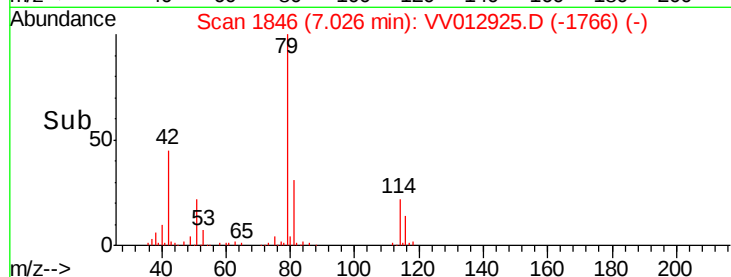
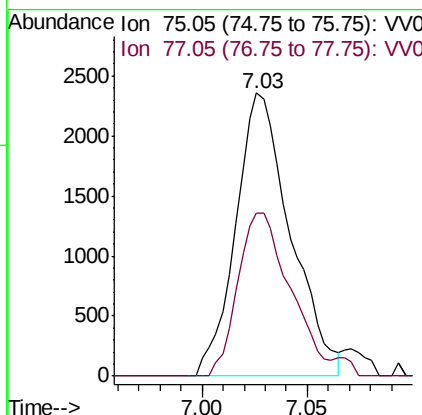
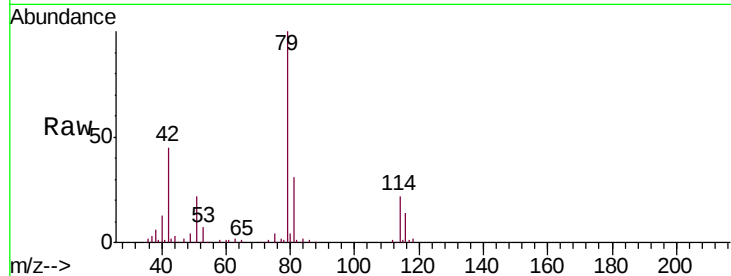




#39
 cis-1,3-Dichloropropene
 Concen: 0.128 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV012925.D
 Acq: 20 Sep 2019 15:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Tgt Ion: 75 Resp: 4251
 Ion Ratio Lower Upper
 75 100
 77 57.5 21.6 40.0#



#48
 2-Hexanone
 Concen: 4.896 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012925.D
 Acq: 20 Sep 2019 15:42

Tgt Ion: 43 Resp: 57064
 Ion Ratio Lower Upper
 43 100
 58 0.0 44.5 66.7#
 57 27.1 15.0 22.6#
 100 1.4 9.7 14.5#

