

Data File : VV014442.D
Acq On : 30 Jan 2020 18:03
Operator : SY/MD
Sample : L1324-24
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Jan 31 07:48:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221344	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	200970	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	94613	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53029	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	37126	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.13	63	60076	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	3.95	46	120624	46.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.48%
24) Chloroform-d	4.40	84	115384	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.08	65	58646	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	269991	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.11	67	81274	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	242952	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.66	79	33708	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.13	63	132015	50.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57332	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	83519	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

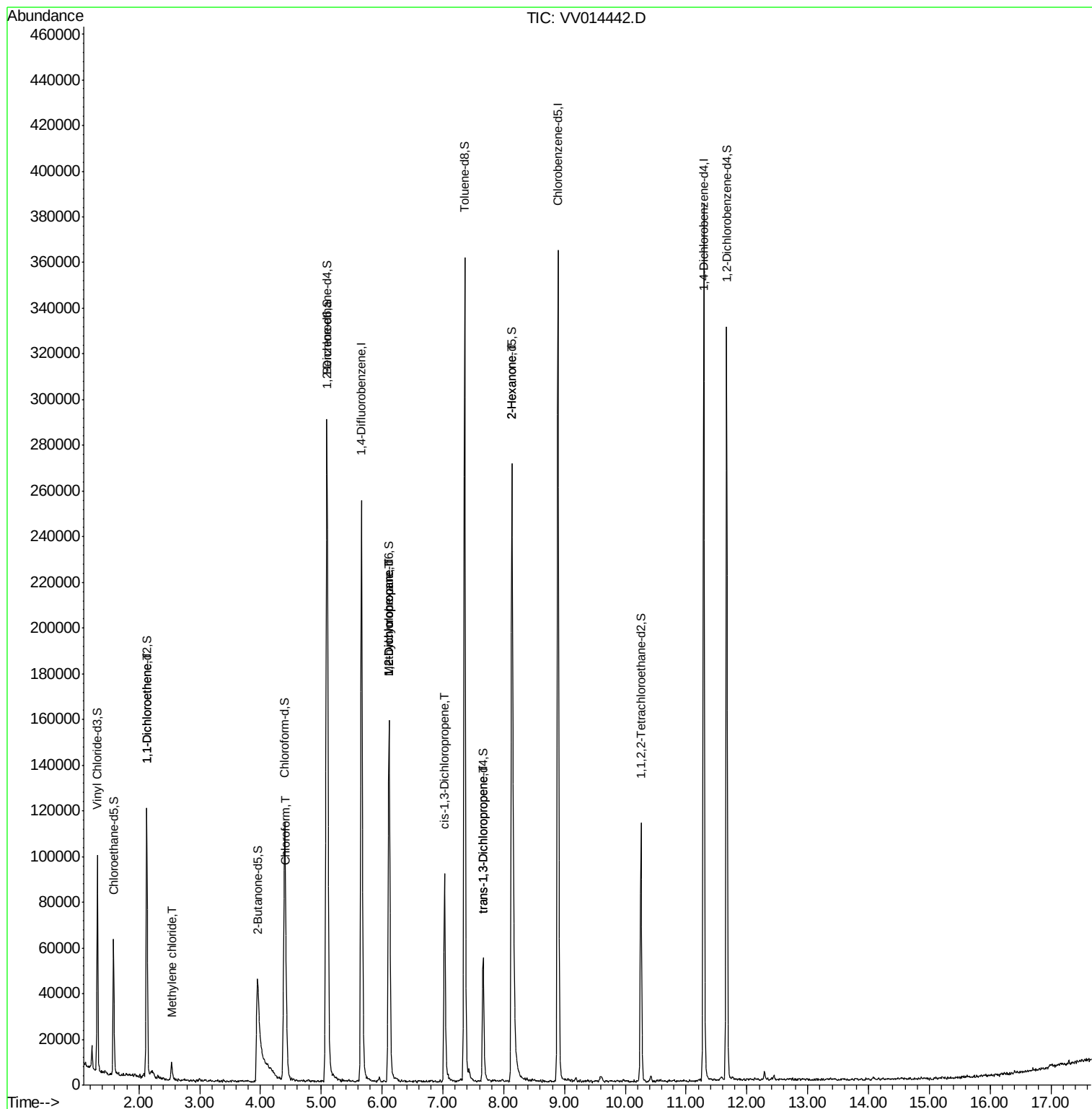
					Qvalue
12) 1,1-Dichloroethene	2.13	96	636	0.072 ug/L #	1
16) Methylene chloride	2.54	84	3081	0.178 ug/L	96
25) Chloroform	4.42	83	12744	0.451 ug/L	98
35) Methylcyclohexane	6.11	83	20122	0.708 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8782	0.566 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2189	0.093 ug/L #	76
44) trans-1,3-Dichloropropene	7.67	75	1295	0.073 ug/L	84
48) 2-Hexanone	8.13	43	15574	2.629 ug/L #	69

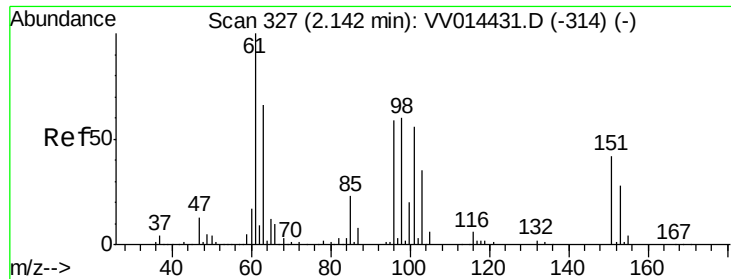
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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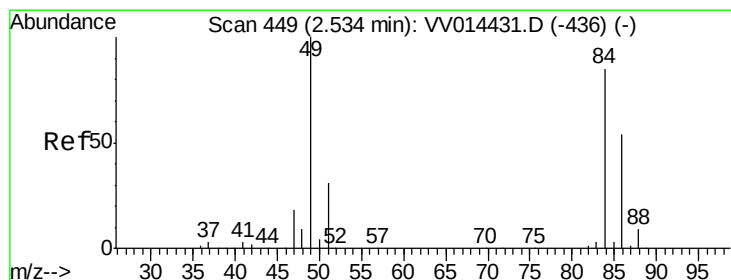
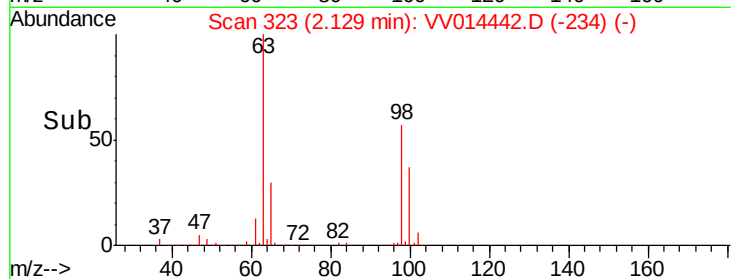
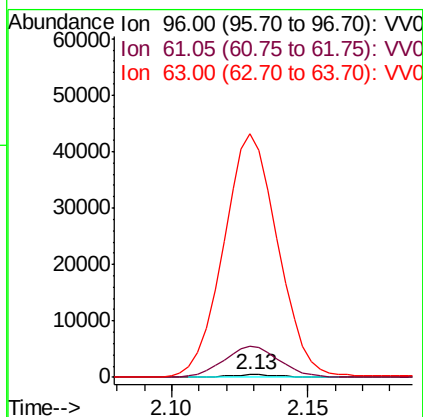
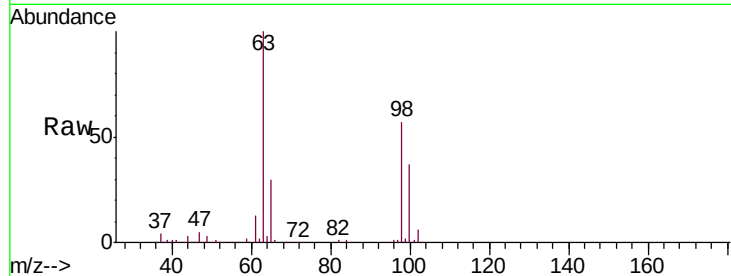




#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV014442.D
 Acq: 30 Jan 2020 18:03

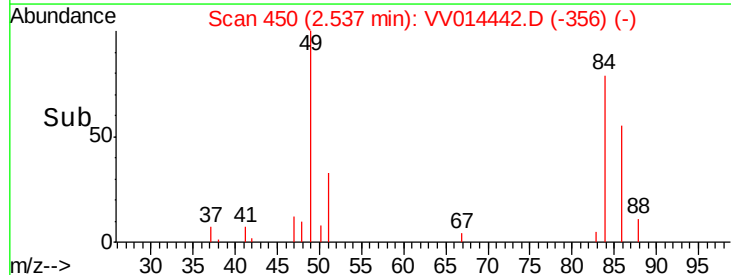
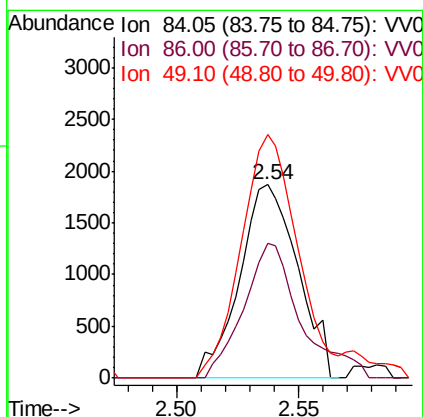
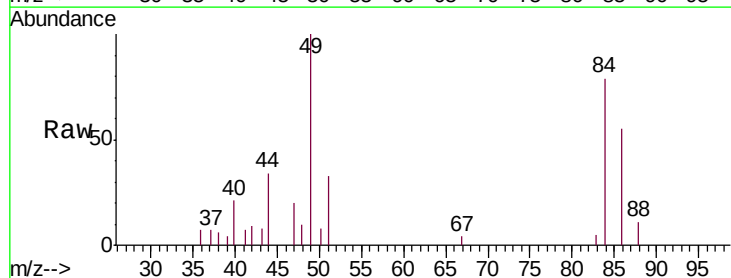
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

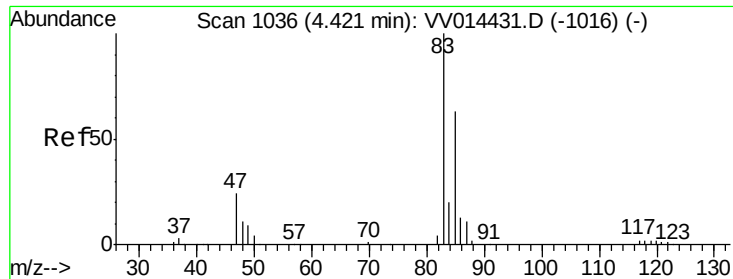
Tgt Ion: 96 Resp: 636
 Ion Ratio Lower Upper
 96 100
 61 1253.3 120.0 223.0#
 63 9872.8 82.4 153.0#



#16
 Methylene chloride
 Concen: 0.178 ug/L
 RT: 2.54 min Scan# 450
 Delta R.T. 0.00 min
 Lab File: VV014442.D
 Acq: 30 Jan 2020 18:03

Tgt Ion: 84 Resp: 3081
 Ion Ratio Lower Upper
 84 100
 86 69.5 45.6 84.6
 49 125.8 86.1 159.9

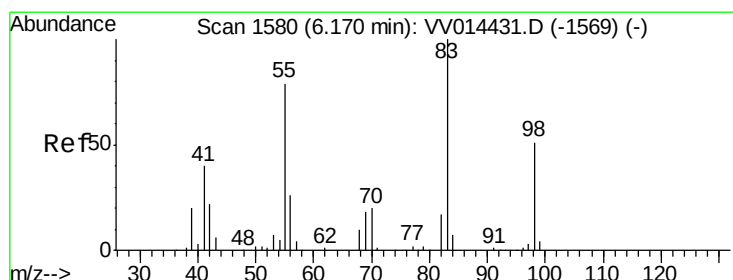
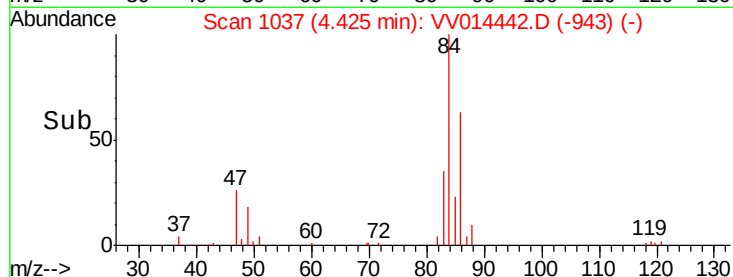
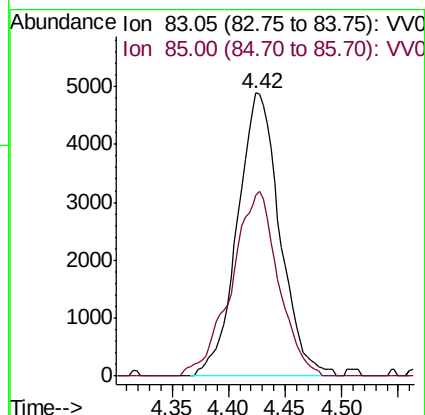
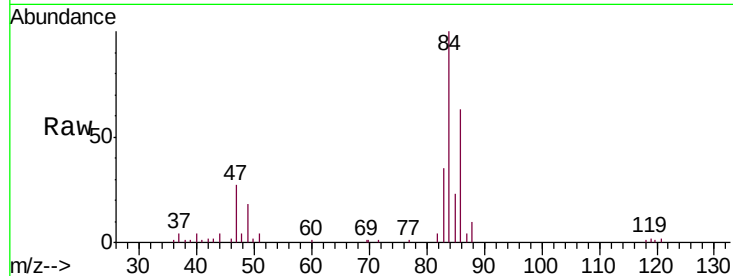




#25
Chloroform
Concen: 0.451 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014442.D
Acq: 30 Jan 2020 18:03

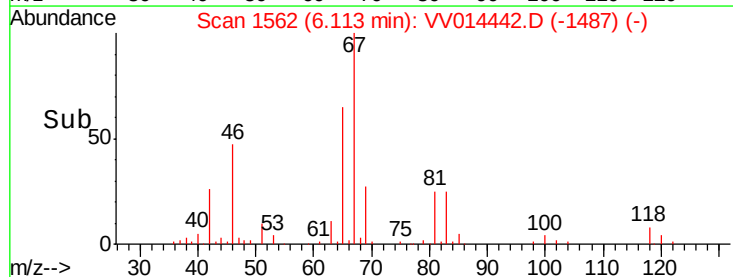
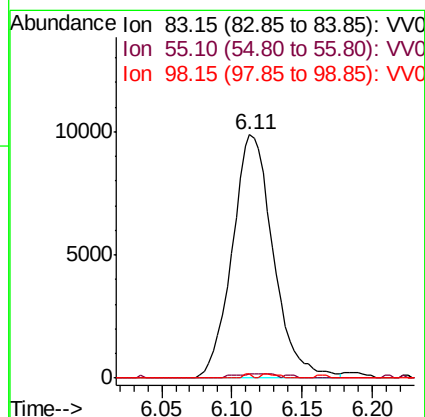
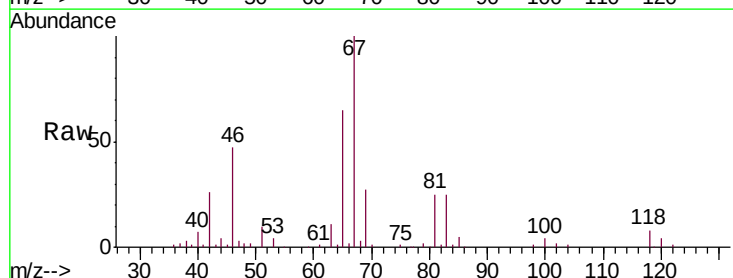
Instrument :
MSVOA_V
ClientSampled :
VHBLK02

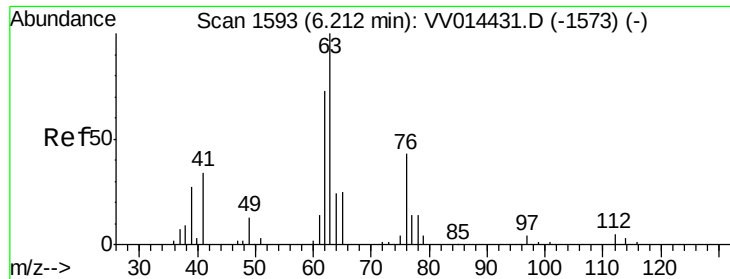
Tgt Ion: 83 Resp: 12744
Ion Ratio Lower Upper
83 100
85 64.1 45.9 85.3



#35
Methylcyclohexane
Concen: 0.708 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014442.D
Acq: 30 Jan 2020 18:03

Tgt Ion: 83 Resp: 20122
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.4 37.5 56.3#

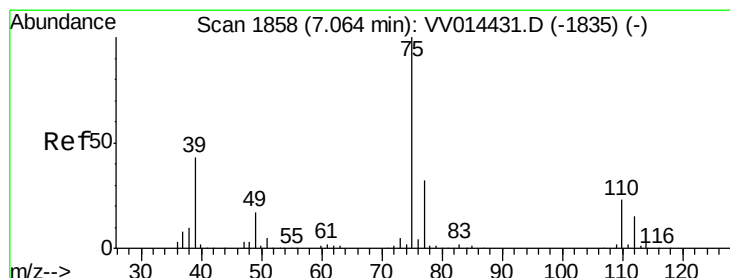
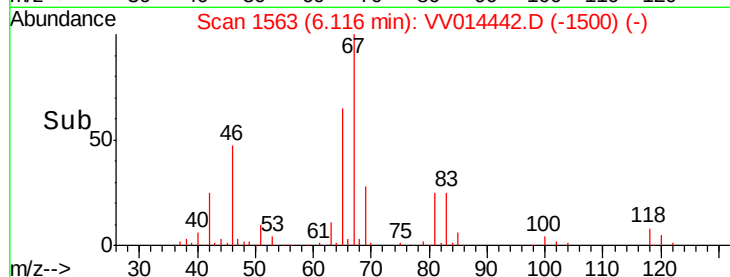
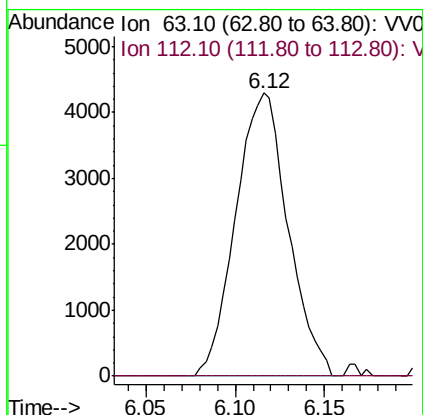
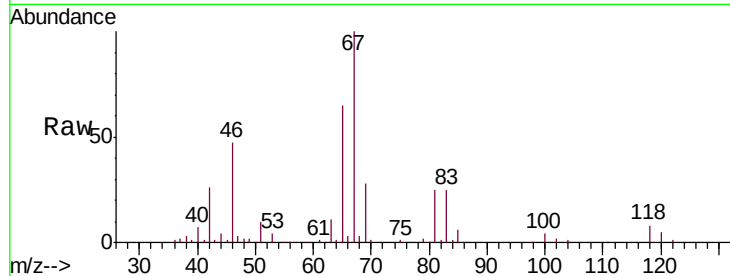




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014442.D
 Acq: 30 Jan 2020 18:03

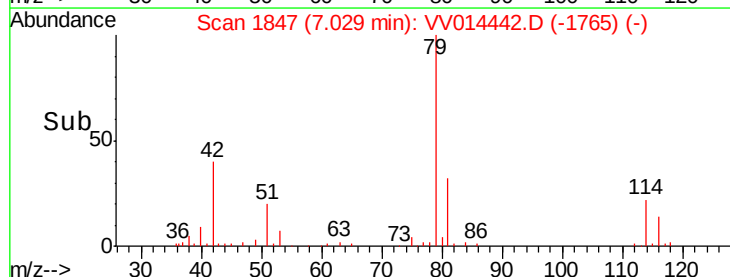
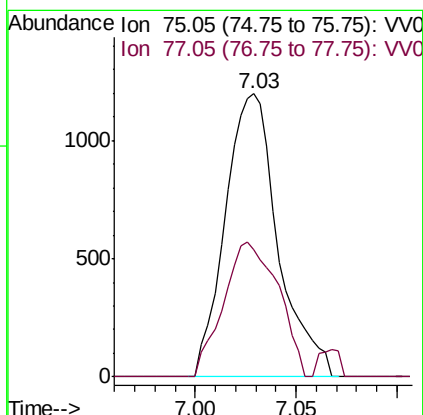
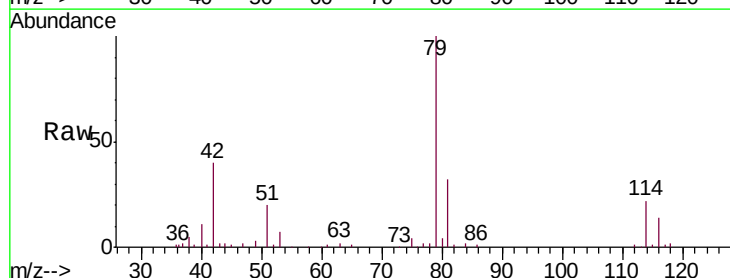
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

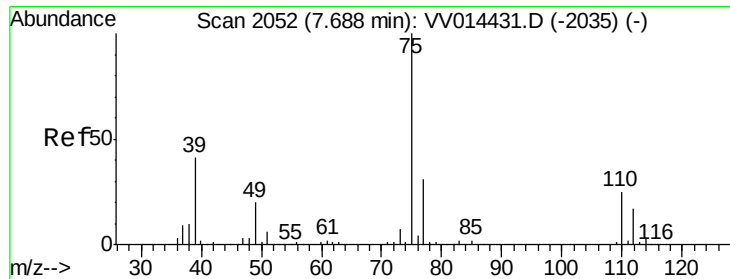
Tgt Ion: 63 Resp: 8782
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV014442.D
 Acq: 30 Jan 2020 18:03

Tgt Ion: 75 Resp: 2189
 Ion Ratio Lower Upper
 75 100
 77 44.7 22.1 41.1#





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV014442.D

Acq: 30 Jan 2020 18:03

Instrument :

MSVOA_V

ClientSampleId :

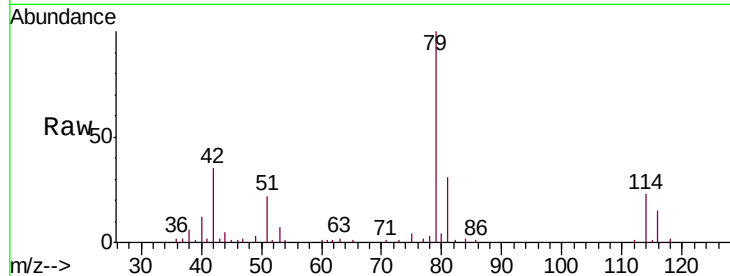
VHBLK02

Tgt Ion: 75 Resp: 1295

Ion Ratio Lower Upper

75 100

77 40.6 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

600

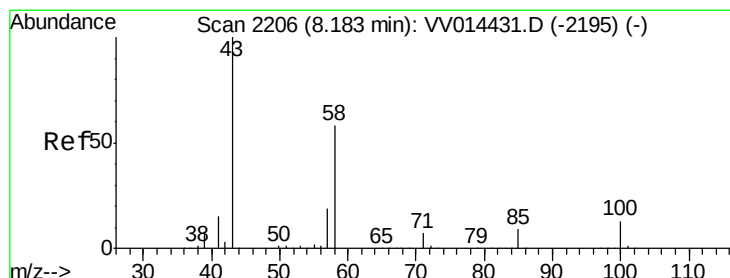
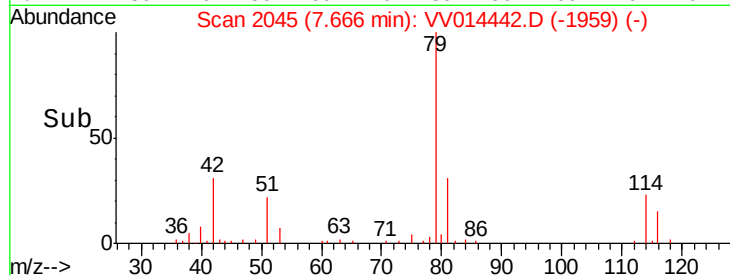
400

200

0

7.65 7.70

Time-->



#48

2-Hexanone

Concen: 2.629 ug/L

RT: 8.13 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV014442.D

Acq: 30 Jan 2020 18:03

Tgt Ion: 43 Resp: 15574

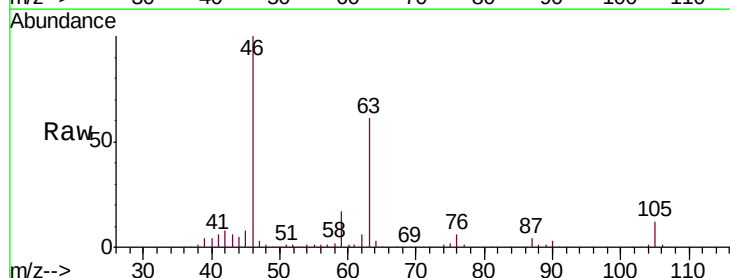
Ion Ratio Lower Upper

43 100

58 27.5 45.8 68.6#

57 20.8 15.4 23.0

100 0.1 9.8 14.8#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

6000

4000

2000

0

8.05 8.10 8.15 8.20 8.25

Time-->

