

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120718\
 Data File : VV008883.D
 Acq On : 07 Dec 2018 18:24
 Operator : SY/MD
 Sample : J6096-12
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Dec 07 22:22:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 07 22:19:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41981	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23786	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	18903	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	43482	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.98	46	69349	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.41	84	61130	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	31173	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	123753	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	36060	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	107501	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.67	79	12588	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	51390	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	23093	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41091	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

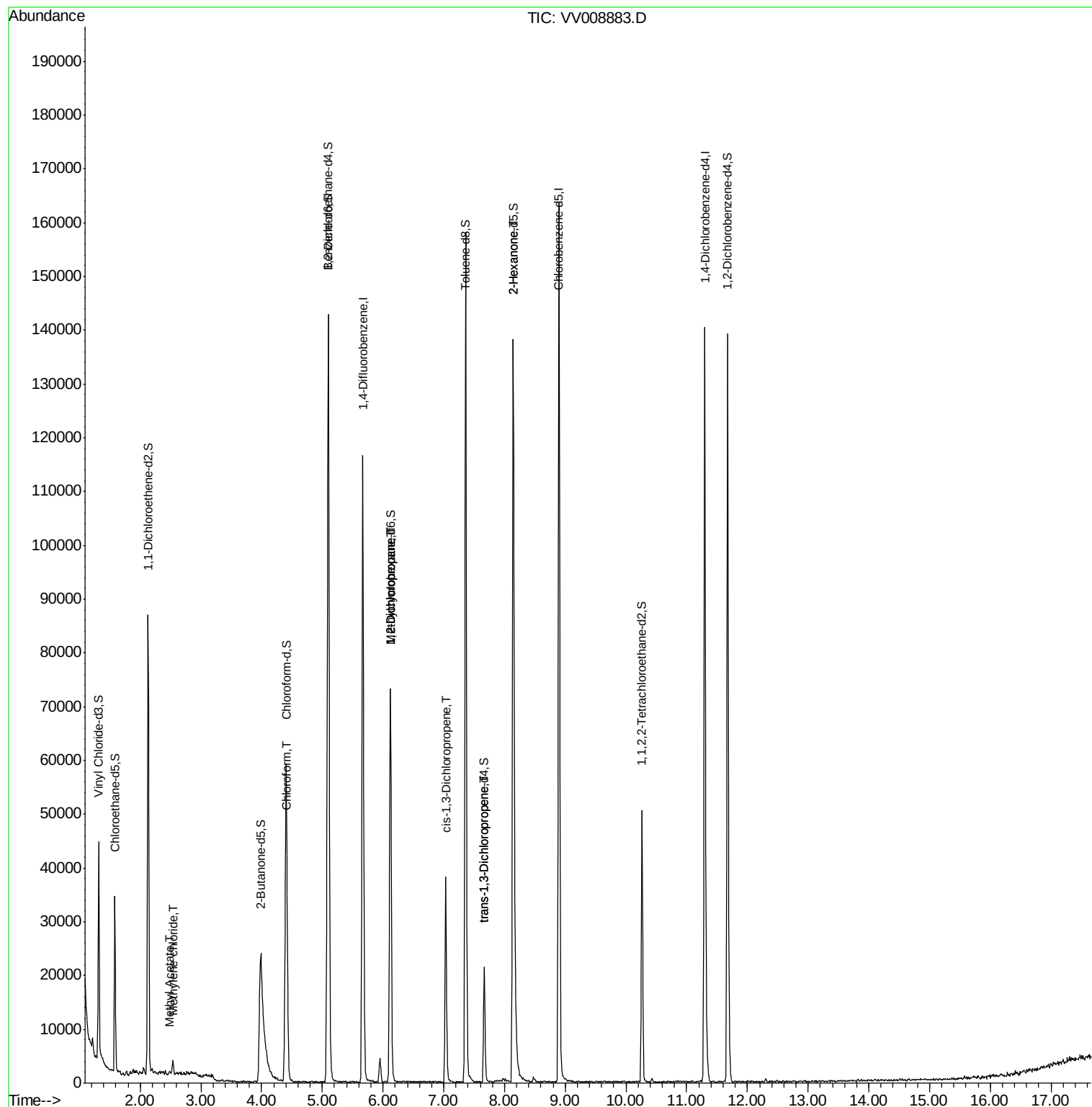
					Qvalue
15) Methyl Acetate	2.48	43	240	0.147 ug/L #	48
16) Methylene chloride	2.54	84	915	0.171 ug/L	90
25) Chloroform	4.43	83	1486	0.116 ug/L	94
35) Methylcyclohexane	6.12	83	9311	0.752 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	3947	0.599 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	820	0.089 ug/L #	78
44) trans-1,3-Dichloropropene	7.67	75	589	0.082 ug/L	100
48) 2-Hexanone	8.14	43	6824	2.895 ug/L #	72

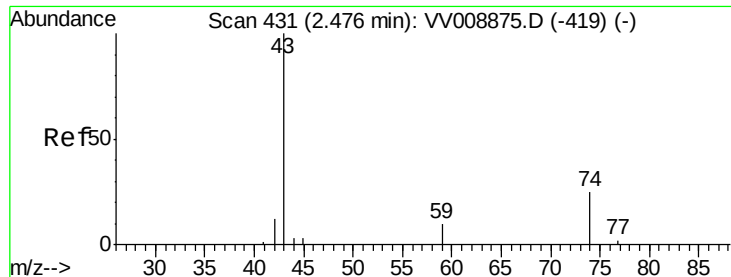
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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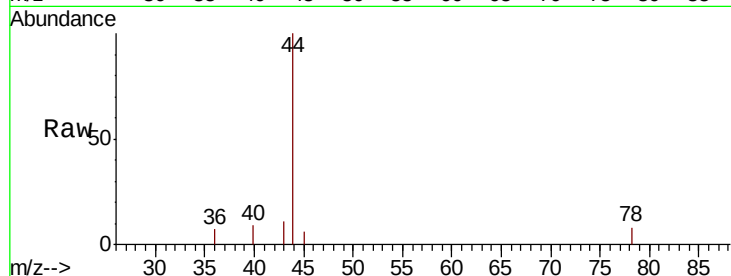




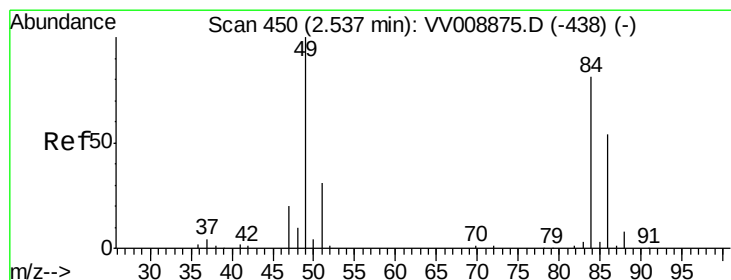
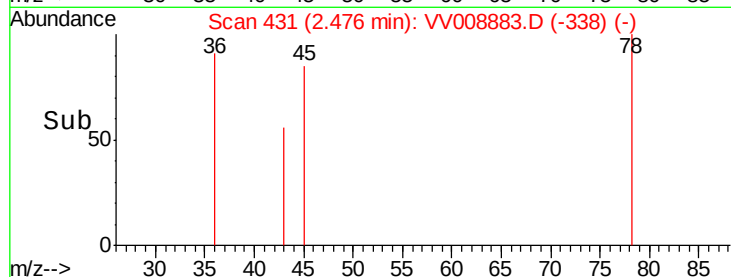
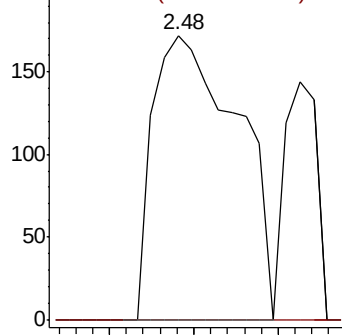
#15
Methyl Acetate
Concen: 0.147 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV008883.D
Acq: 07 Dec 2018 18:24

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 240
Ion Ratio Lower Upper
43 100
74 0.0 21.8 32.6#

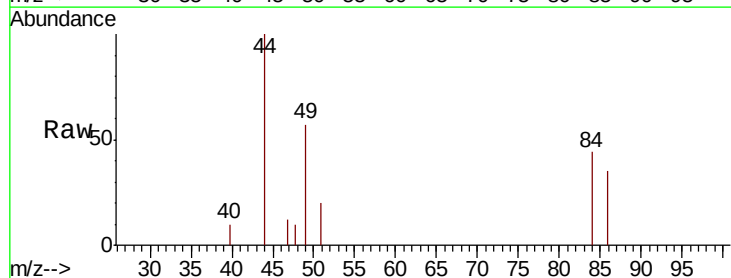


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0

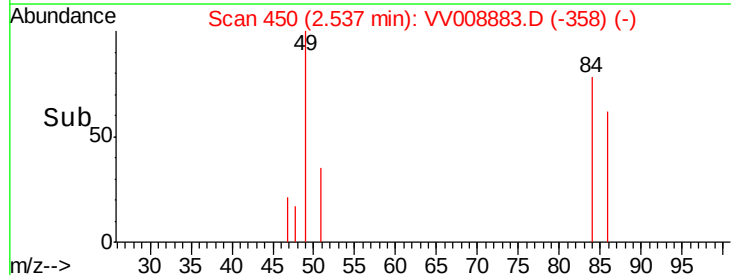
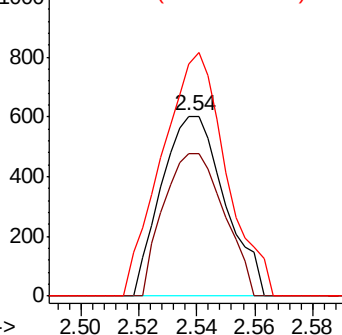


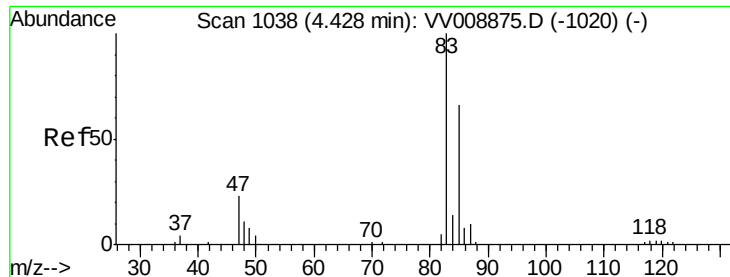
#16
Methylene chloride
Concen: 0.171 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV008883.D
Acq: 07 Dec 2018 18:24

Tgt Ion: 84 Resp: 915
Ion Ratio Lower Upper
84 100
86 79.3 46.7 86.7
49 128.9 84.8 157.4



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

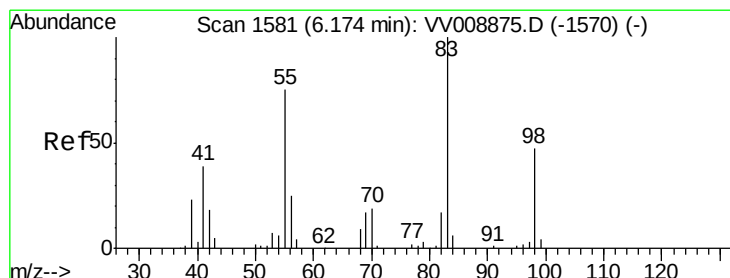
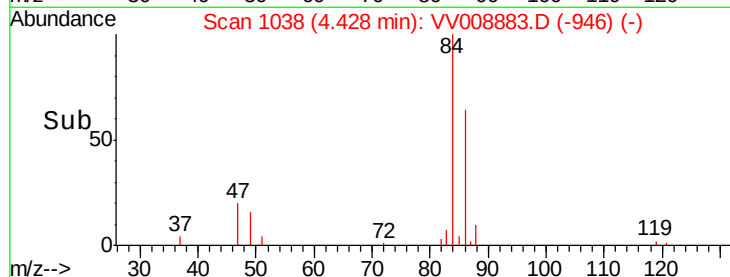
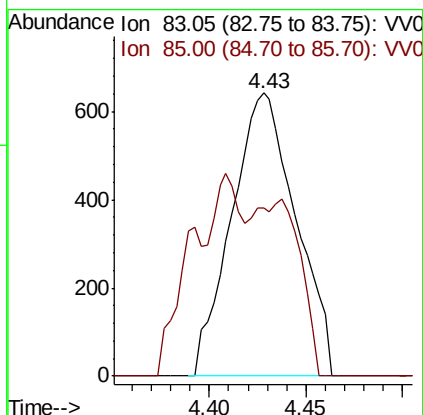
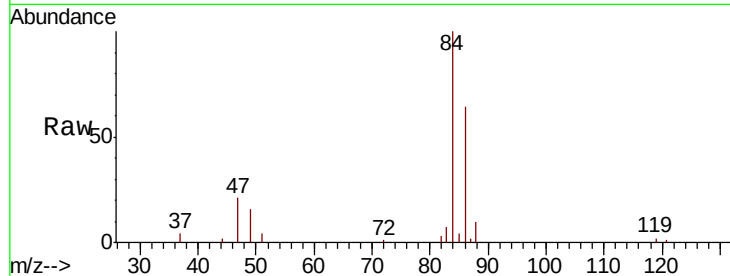




#25
Chloroform
Concen: 0.116 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. -0.00 min
Lab File: VV008883.D
Acq: 07 Dec 2018 18:24

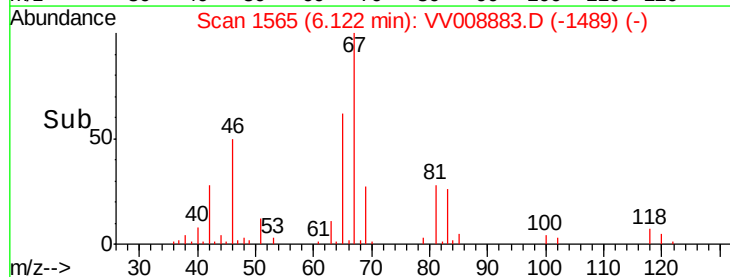
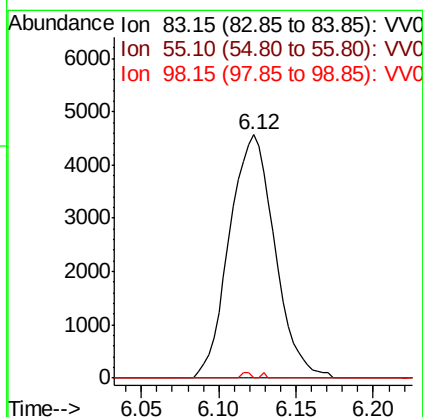
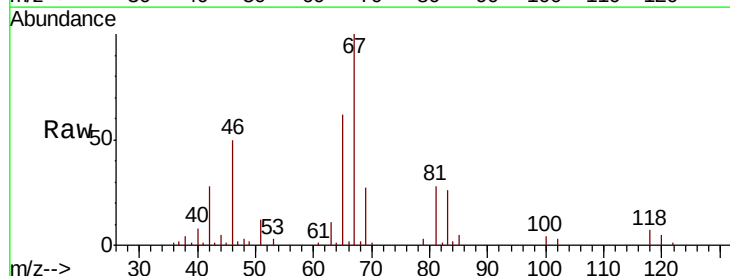
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

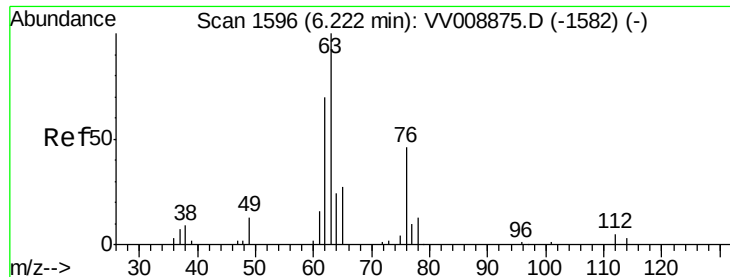
Tgt Ion: 83 Resp: 1486
Ion Ratio Lower Upper
83 100
85 59.5 44.9 83.5



#35
Methylcyclohexane
Concen: 0.752 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008883.D
Acq: 07 Dec 2018 18:24

Tgt Ion: 83 Resp: 9311
Ion Ratio Lower Upper
83 100
55 0.0 60.0 90.0#
98 0.4 39.0 58.6#

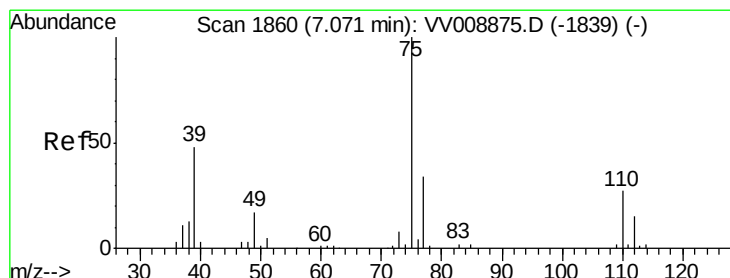
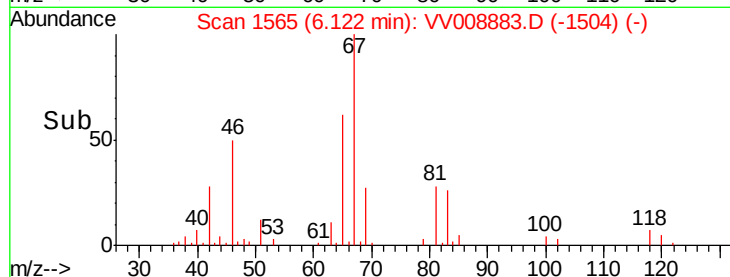
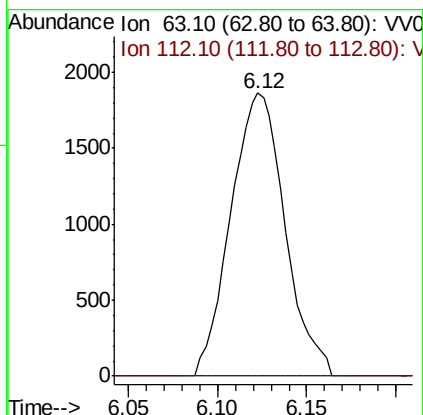
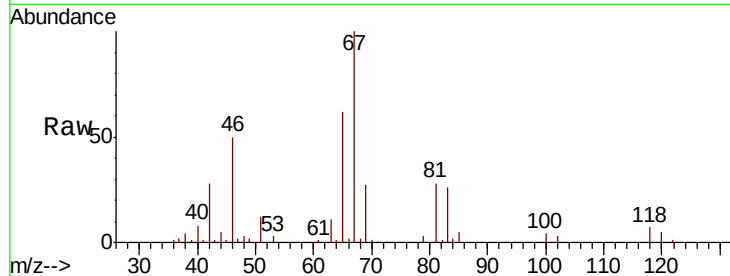




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008883.D
 Acq: 07 Dec 2018 18:24

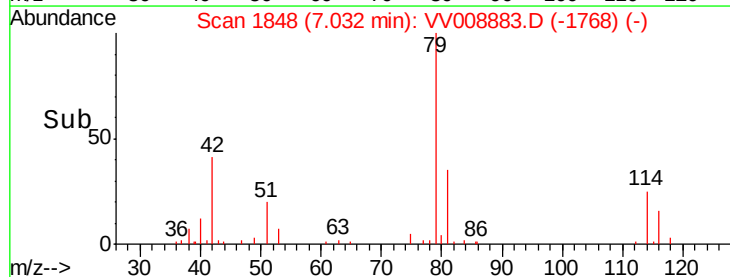
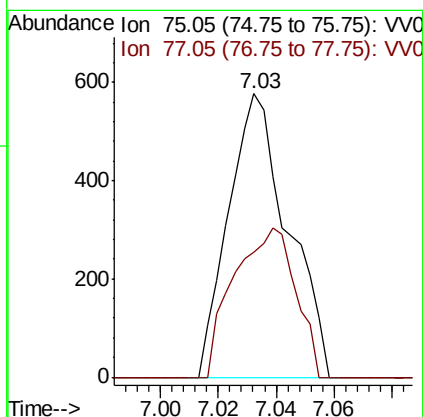
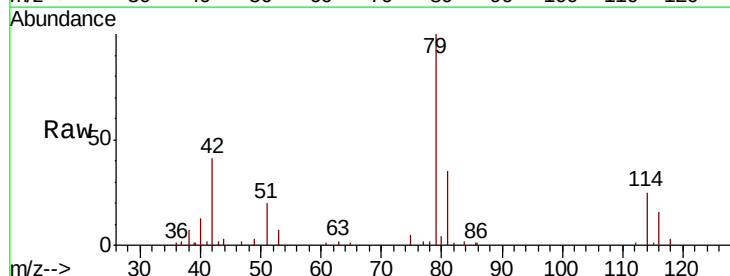
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

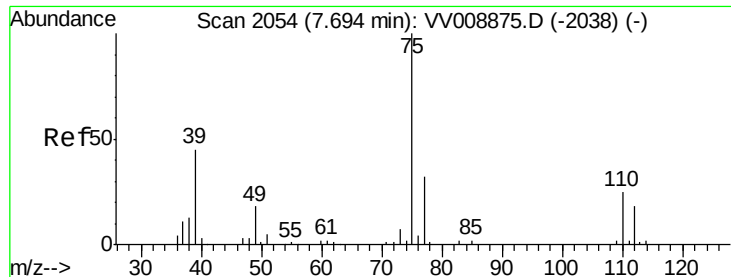
Tgt Ion: 63 Resp: 3947
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008883.D
 Acq: 07 Dec 2018 18:24

Tgt Ion: 75 Resp: 820
 Ion Ratio Lower Upper
 75 100
 77 44.0 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV008883.D

Acq: 07 Dec 2018 18:24

Instrument :

MSVOA_V

ClientSampleId :

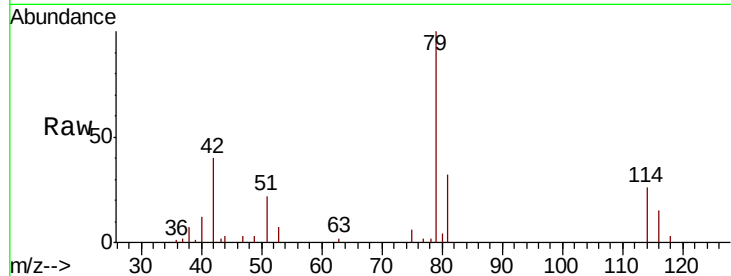
VHBLK01

Tgt Ion: 75 Resp: 589

Ion Ratio Lower Upper

75 100

77 33.5 23.6 43.8



Abundance Ion 75.05 (74.75 to 75.75): VV008875.D (-2038) (-)

Ion 77.05 (76.75 to 77.75): VV008875.D (-2038) (-)

7.67

400

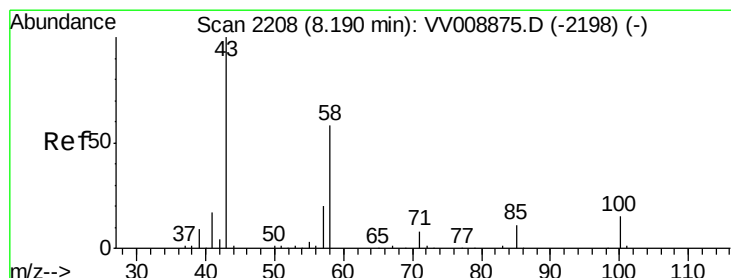
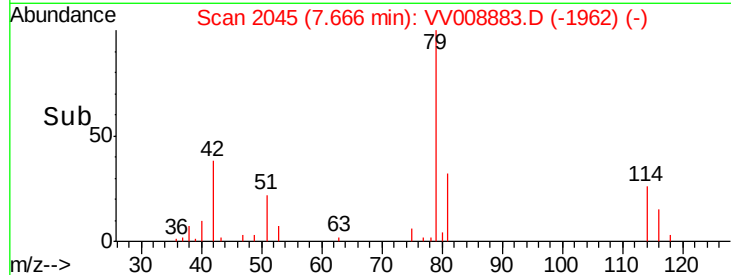
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 2.895 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV008883.D

Acq: 07 Dec 2018 18:24

Tgt Ion: 43 Resp: 6824

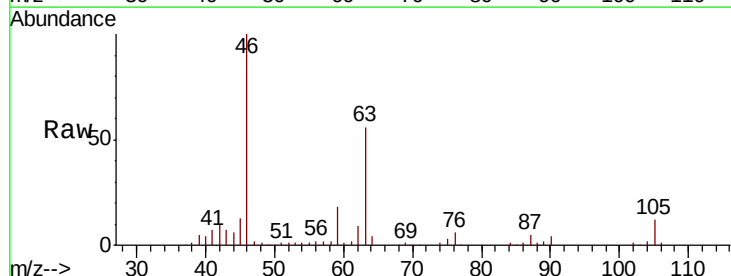
Ion Ratio Lower Upper

43 100

58 35.8 44.4 66.6#

57 32.1 15.8 23.8#

100 0.0 10.9 16.3#



Abundance Ion 43.05 (42.75 to 43.75): VV008875.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008875.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008875.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008875.D (-2198) (-)

8.14

5000

4000

3000

2000

1000

0

Time-->

