

Data File : VV014448.D
Acq On : 31 Jan 2020 12:04
Operator : SY/MD
Sample : L1322-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Quant Time: Jan 31 23:12:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 23:09:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	210010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	193763	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	89385	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47986	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	35242	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.13	63	54803	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	3.95	46	97592	39.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.72%
24) Chloroform-d	4.40	84	109639	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
26) 1,2-Dichloroethane-d4	5.08	65	56462	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	257029	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	78393	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	230629	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.66	79	30876	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.13	63	121509	48.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	54366	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	78172	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

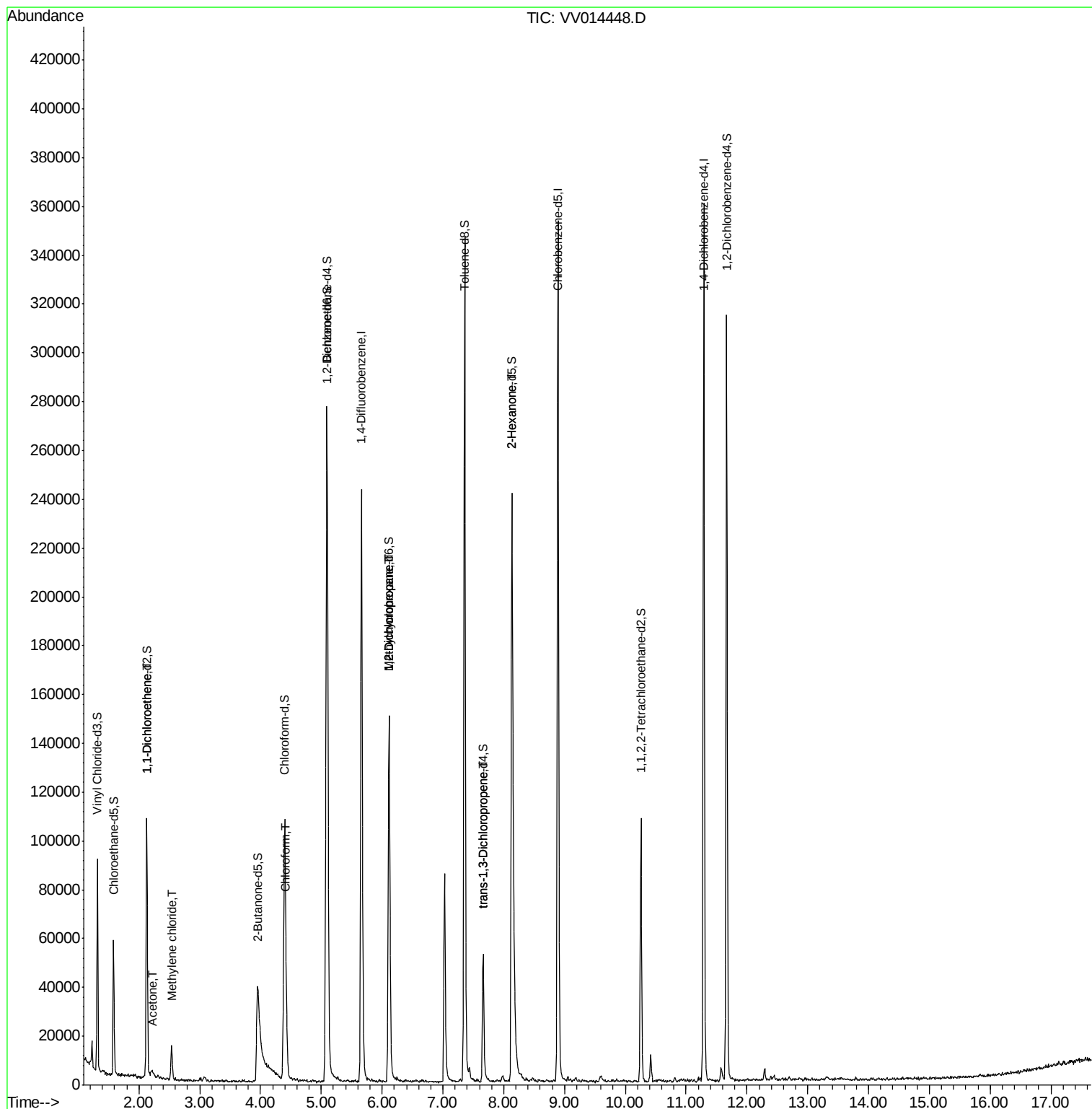
					Qvalue
12) 1,1-Dichloroethene	2.13	96	673	0.080 ug/L #	1
13) Acetone	2.22	43	1770	1.183 ug/L	69
16) Methylene chloride	2.54	84	5949	0.362 ug/L	96
25) Chloroform	4.43	83	11200	0.418 ug/L	100
35) Methylcyclohexane	6.12	83	18605	0.679 ug/L #	19
37) 1,2-Dichloropropane	6.11	63	8003	0.535 ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1417	0.083 ug/L	98
48) 2-Hexanone	8.13	43	14699	2.573 ug/L #	69

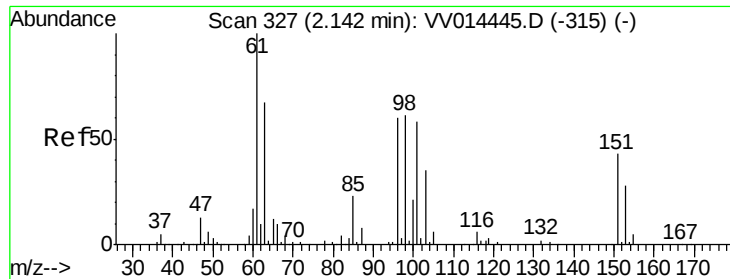
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.02 min

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Acq: 31 Jan 2020 12:04

Instrument :

MSVOA_V

ClientSampleId :

VHBLK02

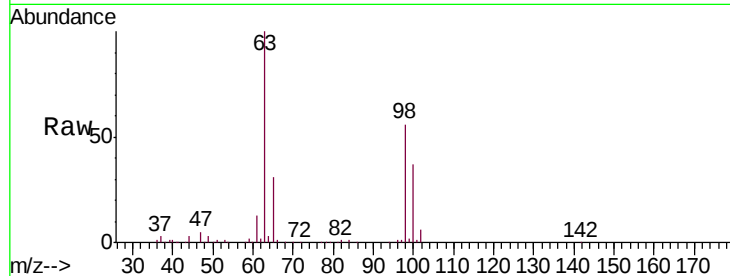
Tgt Ion: 96 Resp: 673

Ion Ratio Lower Upper

96 100

61 1195.1 120.0 223.0#

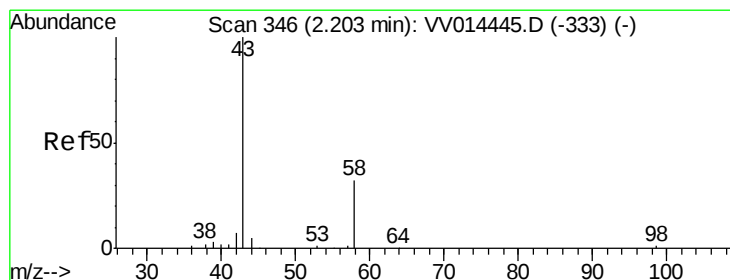
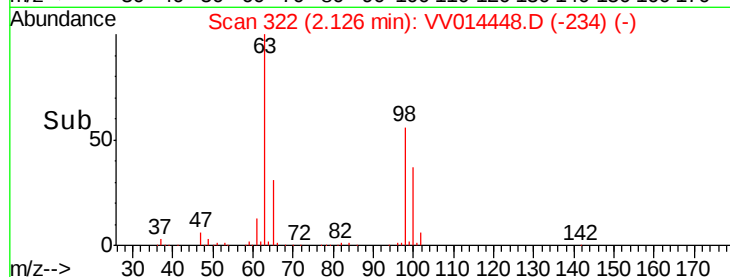
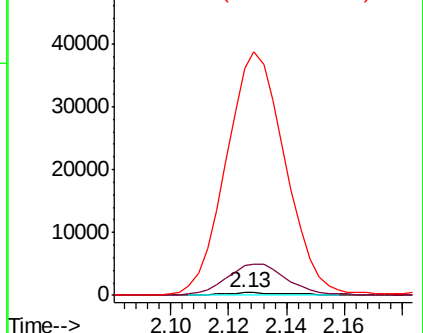
63 9268.9 82.4 153.0#



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



#13

Acetone

Concen: 1.183 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.02 min

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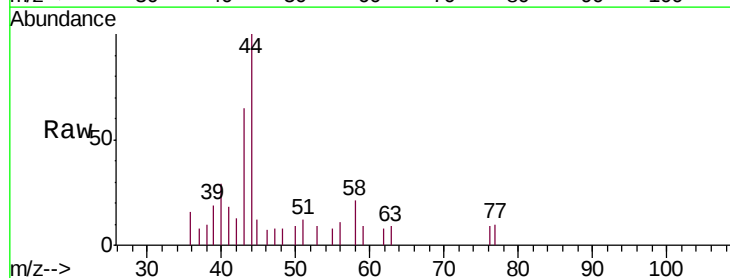
Acq: 31 Jan 2020 12:04

Tgt Ion: 43 Resp: 1770

Ion Ratio Lower Upper

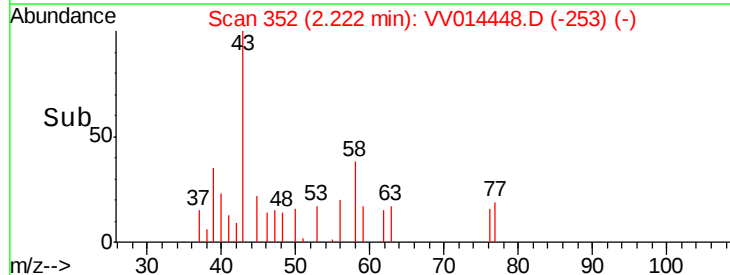
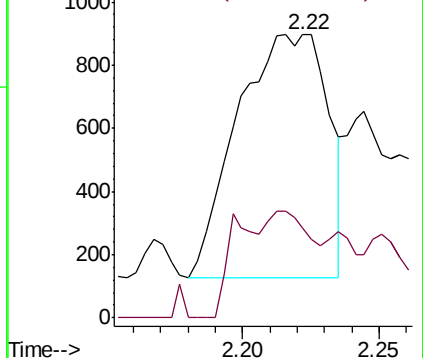
43 100

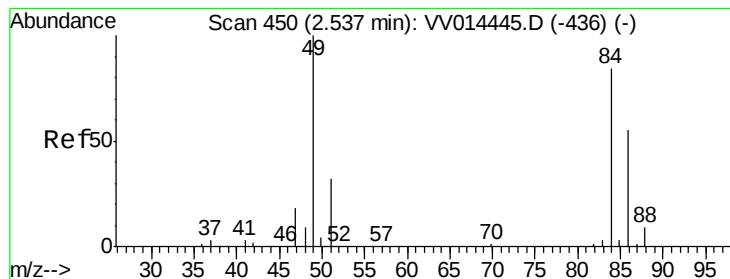
58 8.5 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#16

Methylene chloride

Concen: 0.362 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

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Acq: 31 Jan 2020 12:04

Instrument :

MSVOA_V

ClientSampled :

VHBLK02

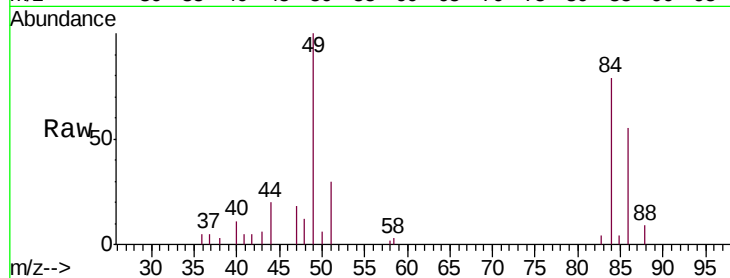
Tgt Ion: 84 Resp: 5949

Ion Ratio Lower Upper

84 100

86 69.8 45.6 84.6

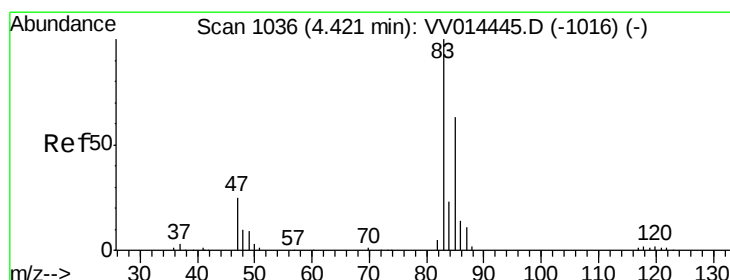
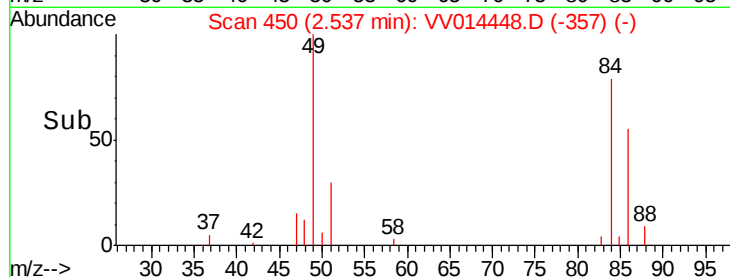
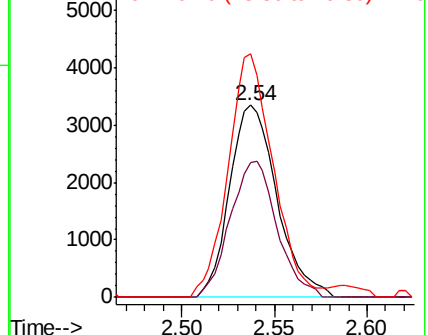
49 126.7 86.1 159.9



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: 0.418 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV014448.D

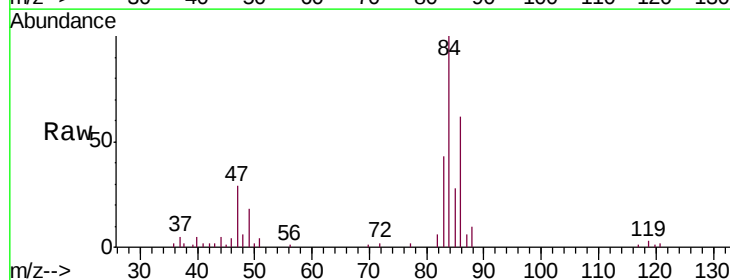
Acq: 31 Jan 2020 12:04

Tgt Ion: 83 Resp: 11200

Ion Ratio Lower Upper

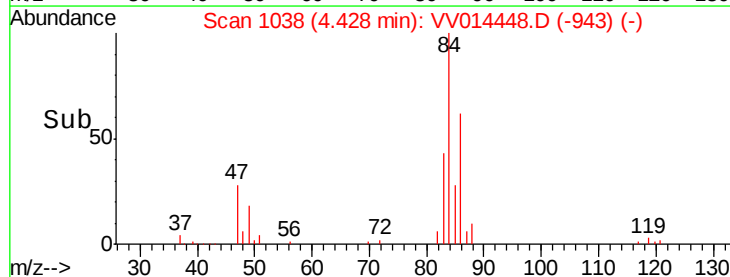
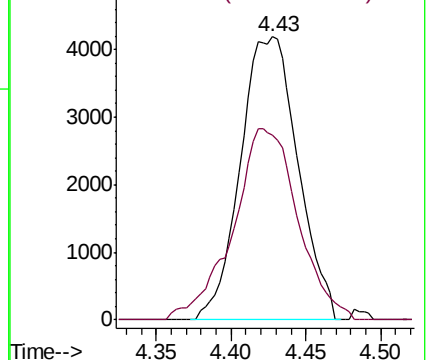
83 100

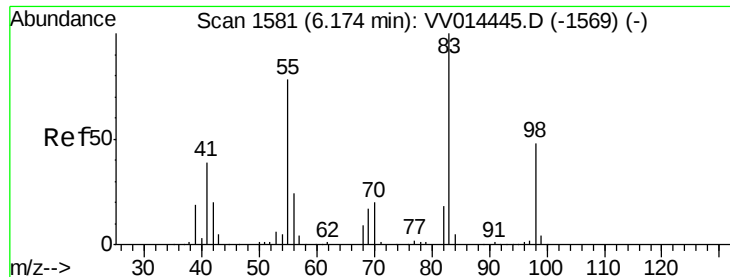
85 65.2 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

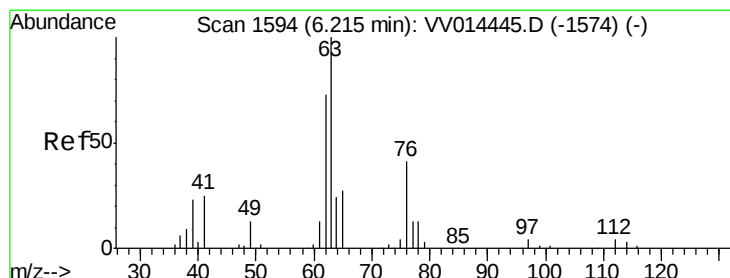
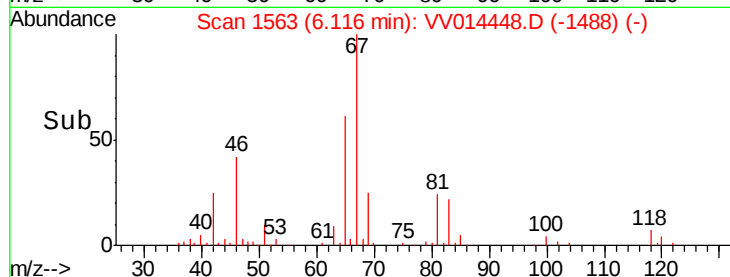
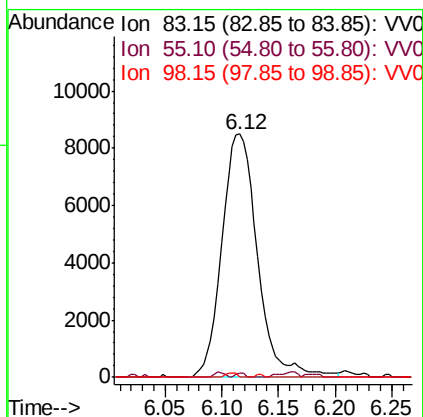
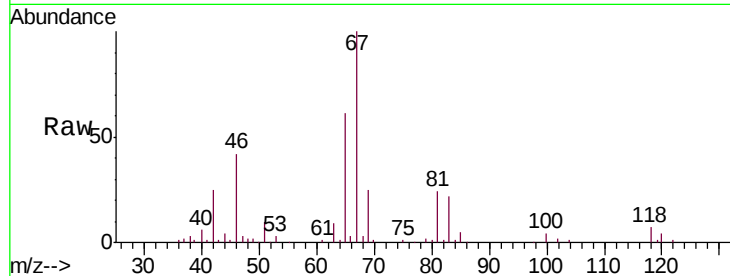




#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV014448.D
Acq: 31 Jan 2020 12:04

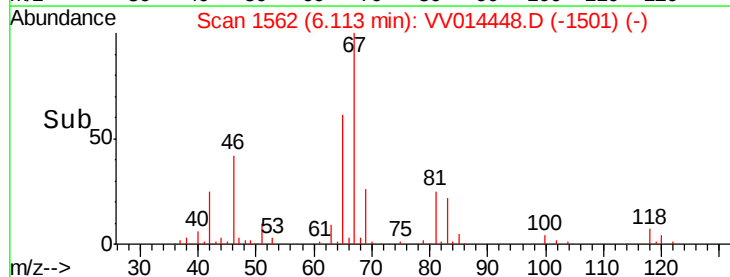
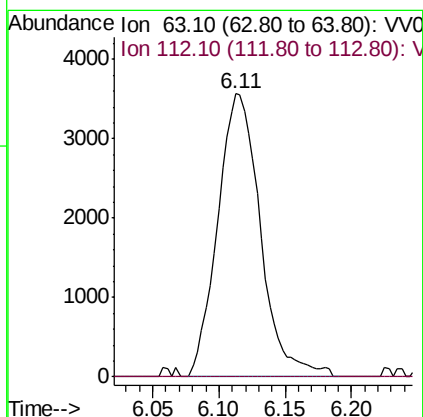
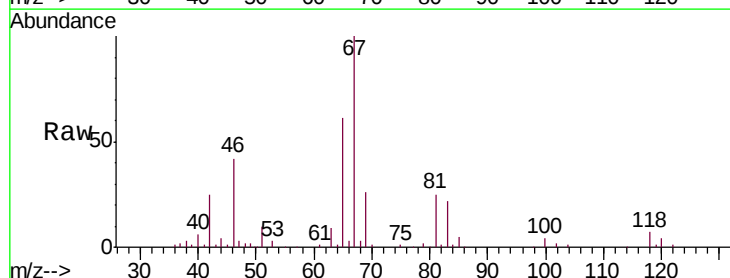
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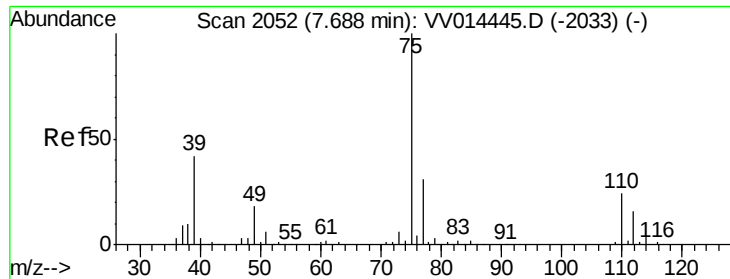
Tgt Ion: 83 Resp: 18605
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.6 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.535 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV014448.D
Acq: 31 Jan 2020 12:04

Tgt Ion: 63 Resp: 8003
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

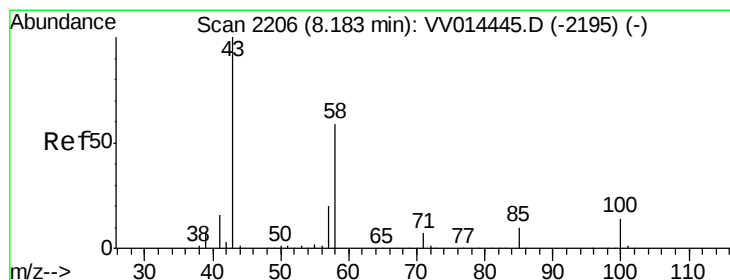
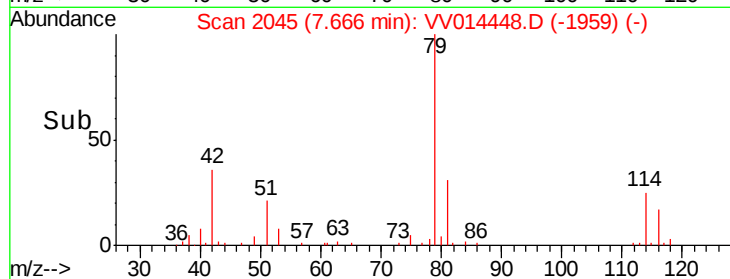
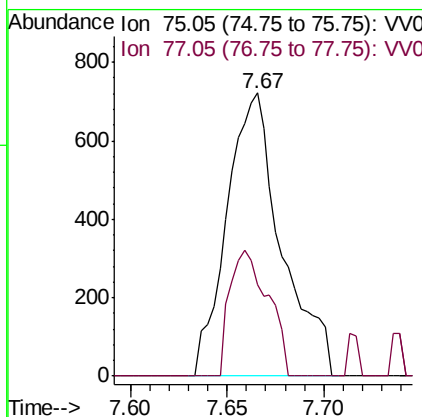
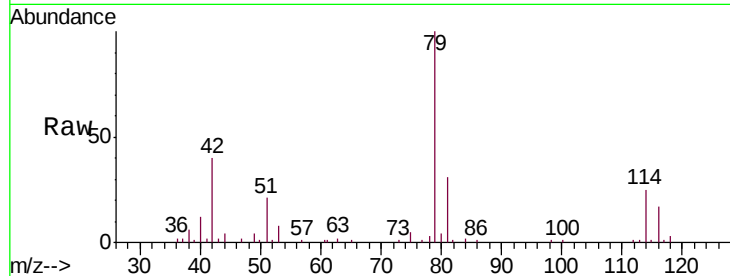




#44
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV014448.D
Acq: 31 Jan 2020 12:04

Instrument :
MSVOA_V
ClientSampleId :
VHBLK02

Tgt Ion: 75 Resp: 1417
Ion Ratio Lower Upper
75 100
77 32.4 22.0 41.0



#48
2-Hexanone
Concen: 2.573 ug/L
RT: 8.13 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014448.D
Acq: 31 Jan 2020 12:04

Tgt Ion: 43 Resp: 14699
Ion Ratio Lower Upper
43 100
58 28.0 45.8 68.6#
57 22.1 15.4 23.0
100 0.0 9.8 14.8#

