

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080919\
 Data File : VV012153.D
 Acq On : 09 Aug 2019 15:07
 Operator : SY/MD
 Sample : K4214-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 10 02:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 10 02:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	144775	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	76045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29990	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	22927	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.13	63	46153	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	3.95	46	76240	45.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	4.40	84	83163	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	42577	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	5.09	84	162577	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.11	67	44039	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	156405	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	7.66	79	19528	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.13	63	66351	42.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33102	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	66746	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

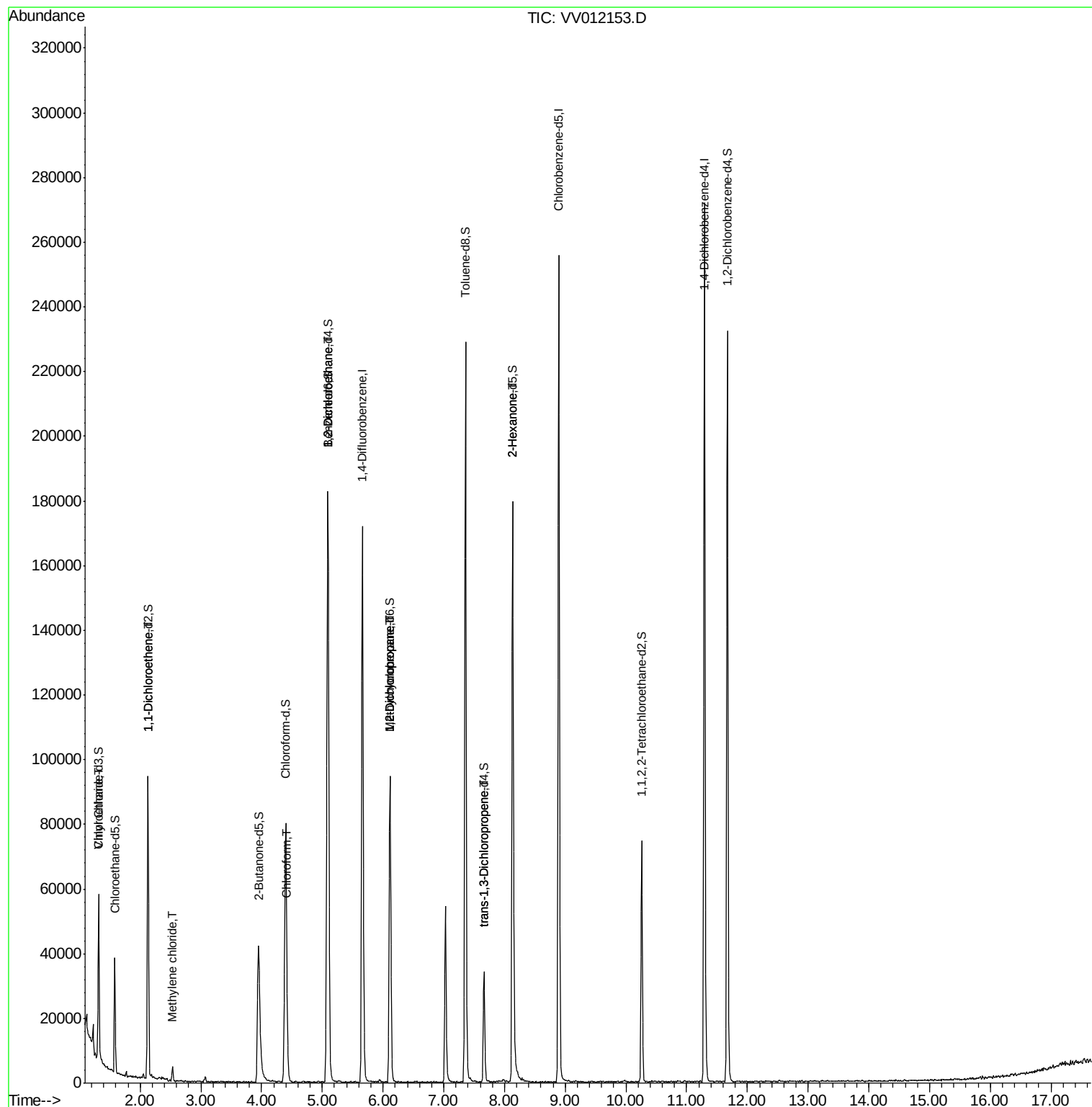
					Qvalue
8) Chloroethane	1.32	64	478	0.118 ug/L #	1
12) 1,1-Dichloroethene	2.13	96	642	0.104 ug/L #	1
16) Methylene chloride	2.53	84	1593	0.244 ug/L #	88
25) Chloroform	4.42	83	3116	0.164 ug/L	84
27) 1,2-Dichloroethane	5.10	62	909	0.079 ug/L #	77
35) Methylcyclohexane	6.12	83	12069	0.740 ug/L #	21
37) 1,2-Dichloropropane	6.11	63	5321	0.694 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	617	0.055 ug/L	86
48) 2-Hexanone	8.13	43	7910	2.585 ug/L #	72

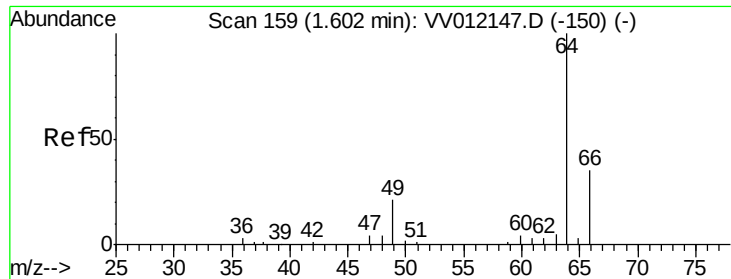
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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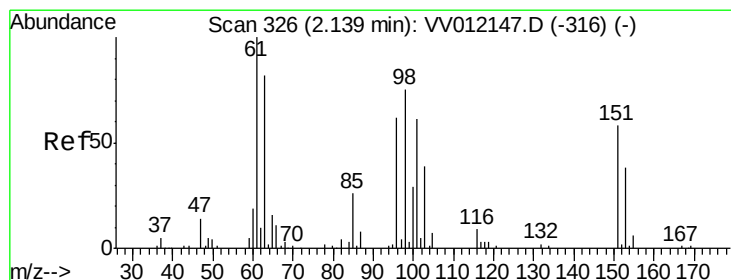
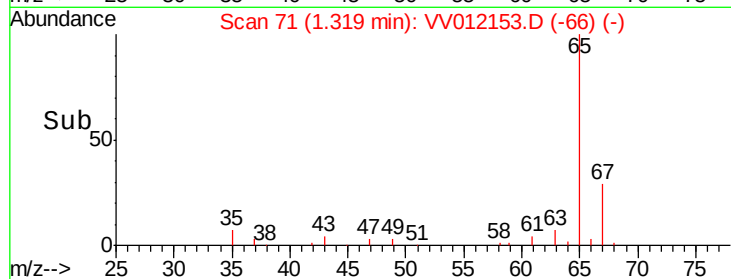
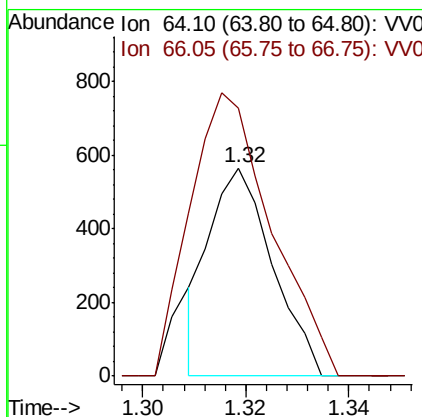
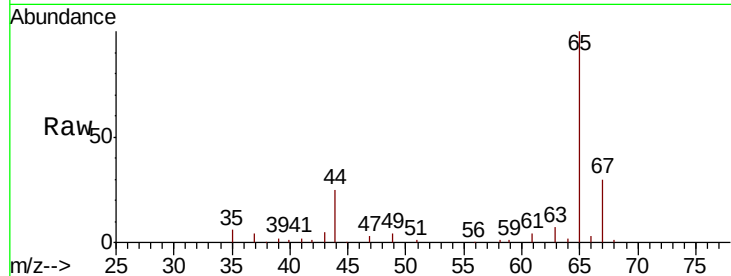




#8
 Chloroethane
 Concen: 0.118 ug/L
 RT: 1.32 min Scan# 71
 Delta R.T. -0.28 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

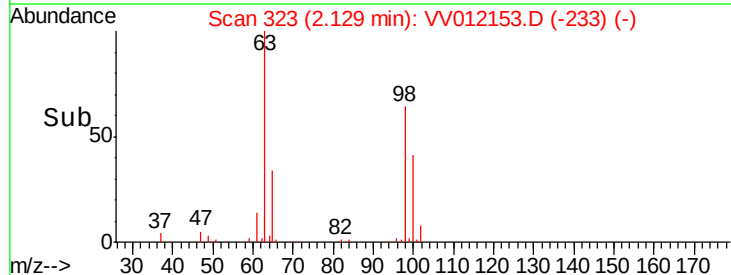
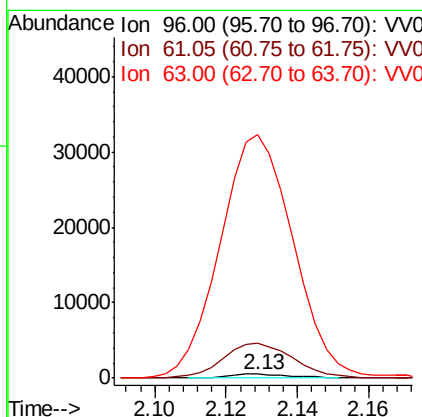
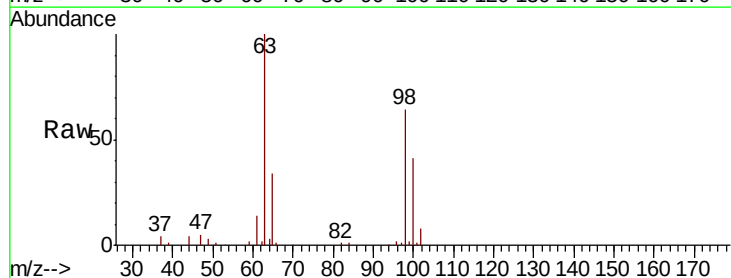
Instrument :
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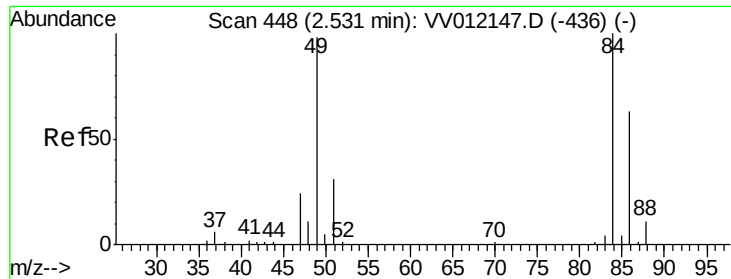
Tgt Ion: 64 Resp: 478
 Ion Ratio Lower Upper
 64 100
 66 129.0 22.3 41.5#



#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

Tgt Ion: 96 Resp: 642
 Ion Ratio Lower Upper
 96 100
 61 876.7 114.7 213.1#
 63 6212.3 94.9 176.3#

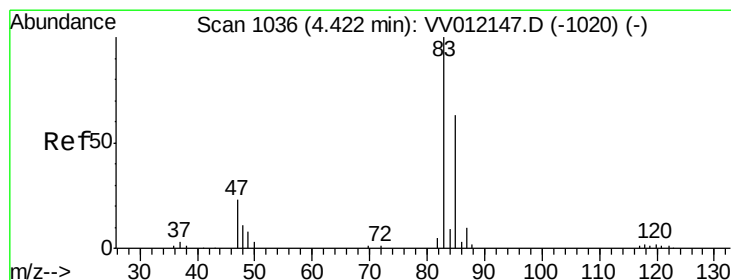
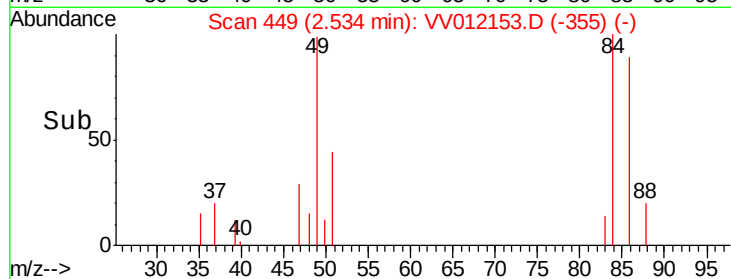
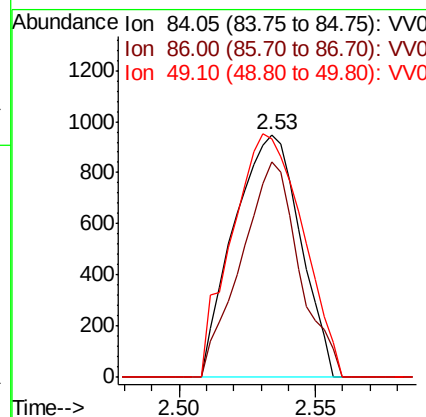
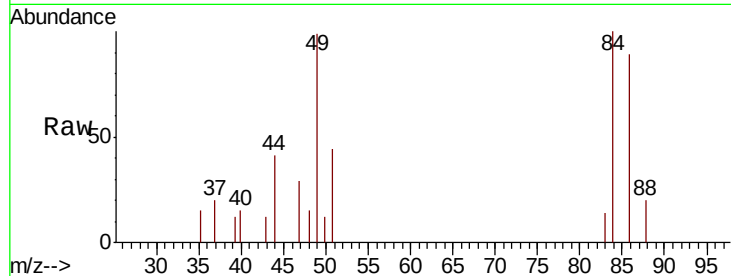




#16
Methylene chloride
Concen: 0.244 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012153.D
Acq: 09 Aug 2019 15:07

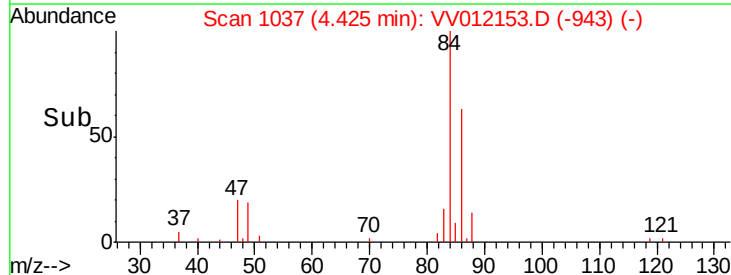
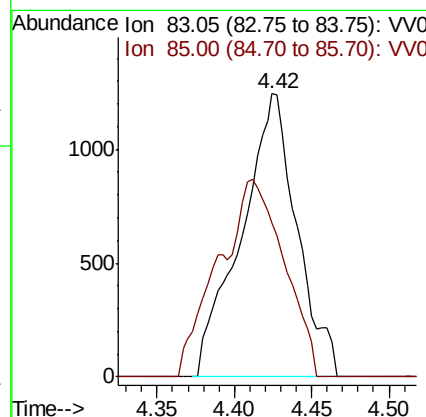
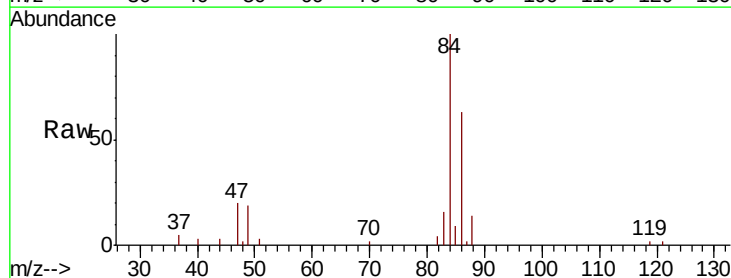
Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

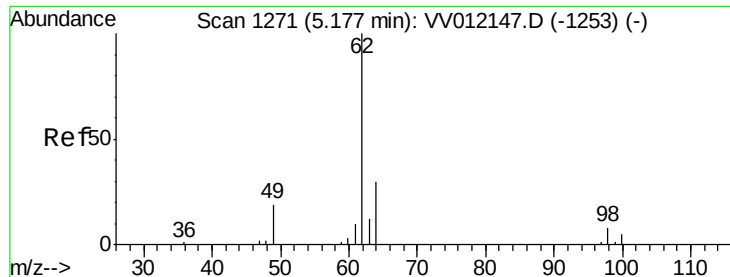
Tgt Ion: 84 Resp: 1593
Ion Ratio Lower Upper
84 100
86 88.5 45.4 84.2#
49 98.5 69.2 128.4



#25
Chloroform
Concen: 0.164 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV012153.D
Acq: 09 Aug 2019 15:07

Tgt Ion: 83 Resp: 3116
Ion Ratio Lower Upper
83 100
85 54.7 47.1 87.5

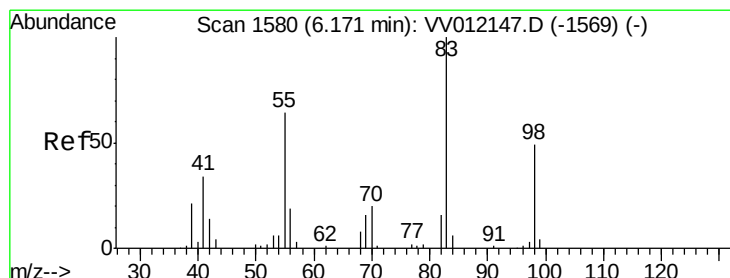
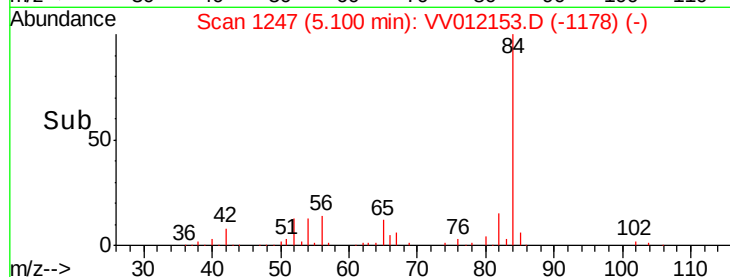
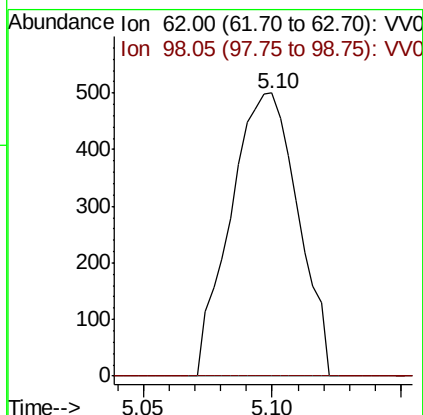
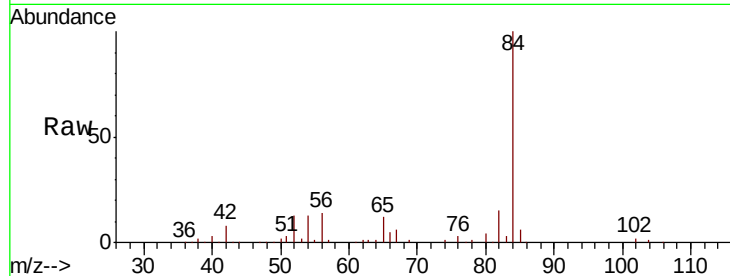




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

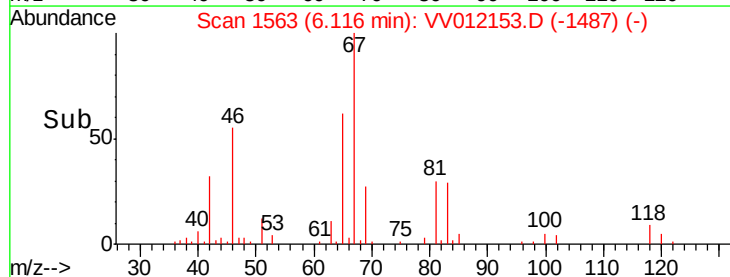
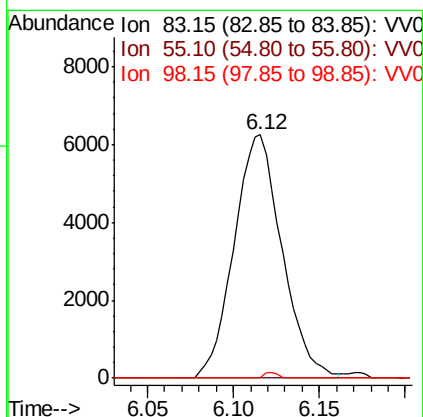
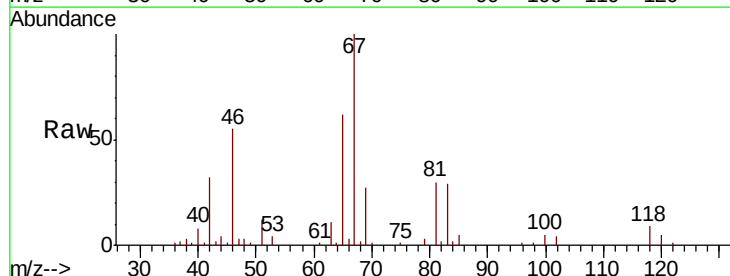
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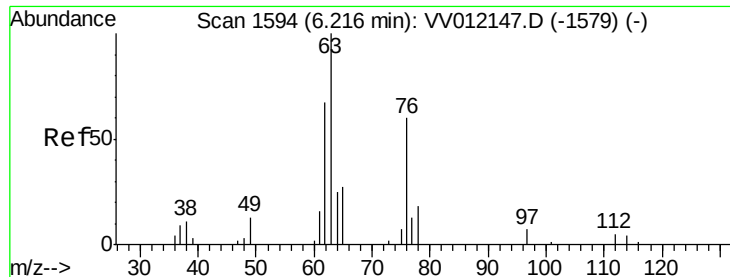
Tgt Ion: 62 Resp: 909
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.4 9.6#



#35
 Methylcyclohexane
 Concen: 0.740 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

Tgt Ion: 83 Resp: 12069
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.0 82.6#
 98 0.7 40.4 60.6#

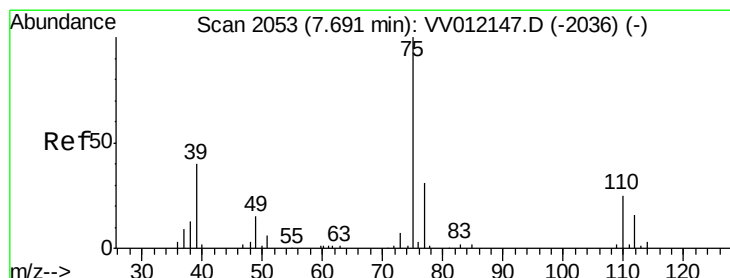
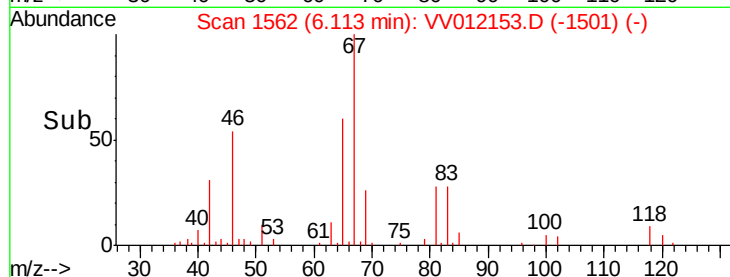
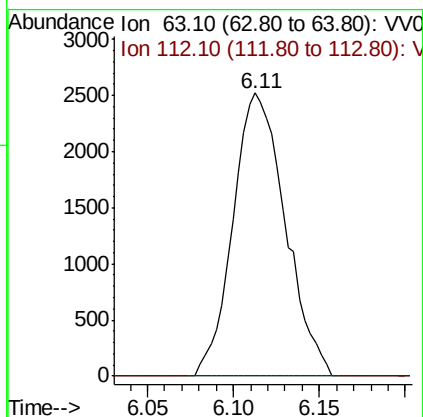
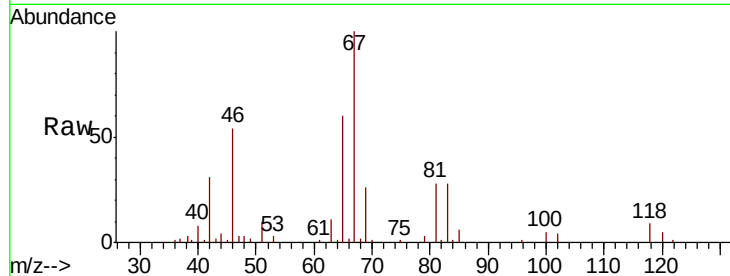




#37
 1,2-Dichloropropane
 Concen: 0.694 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

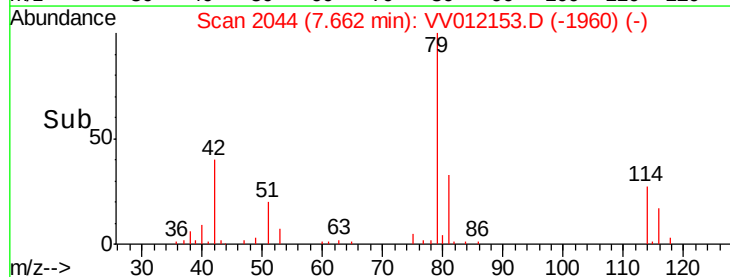
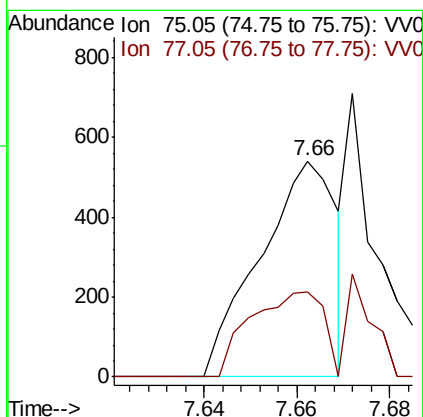
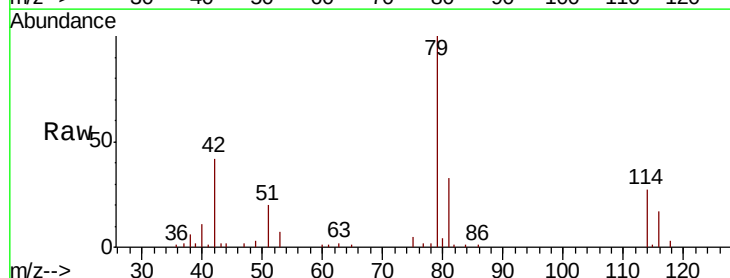
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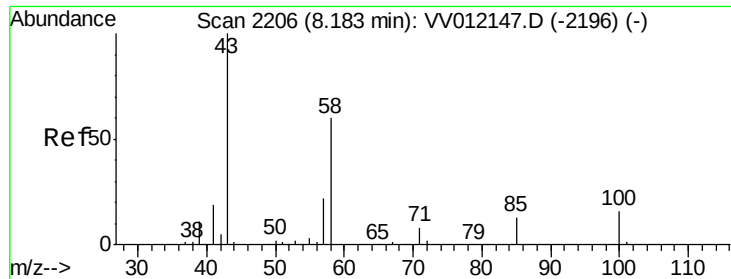
Tgt Ion: 63 Resp: 5321
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#44
 trans-1,3-Dichloropropene
 Concen: 0.055 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012153.D
 Acq: 09 Aug 2019 15:07

Tgt Ion: 75 Resp: 617
 Ion Ratio Lower Upper
 75 100
 77 39.2 22.0 41.0





#48

2-Hexanone

Concen: 2.585 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV012153.D

Acq: 09 Aug 2019 15:07

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 43 Resp: 7910

Ion Ratio Lower Upper

43 100

58 33.3 46.4 69.6#

57 24.9 17.7 26.5

100 0.3 12.9 19.3#

