

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015915.D
 Acq On : 06 May 2020 17:17
 Operator : SY/MD
 Sample : L2527-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 02:05:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150547	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145320	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	69144	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42577	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	39460	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	66255	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.93	46	114457	47.68	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.38	84	91240	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	51324	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	176365	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	55396	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.34	98	160097	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.65	79	18873	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.11	63	85231	44.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36469	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	58338	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

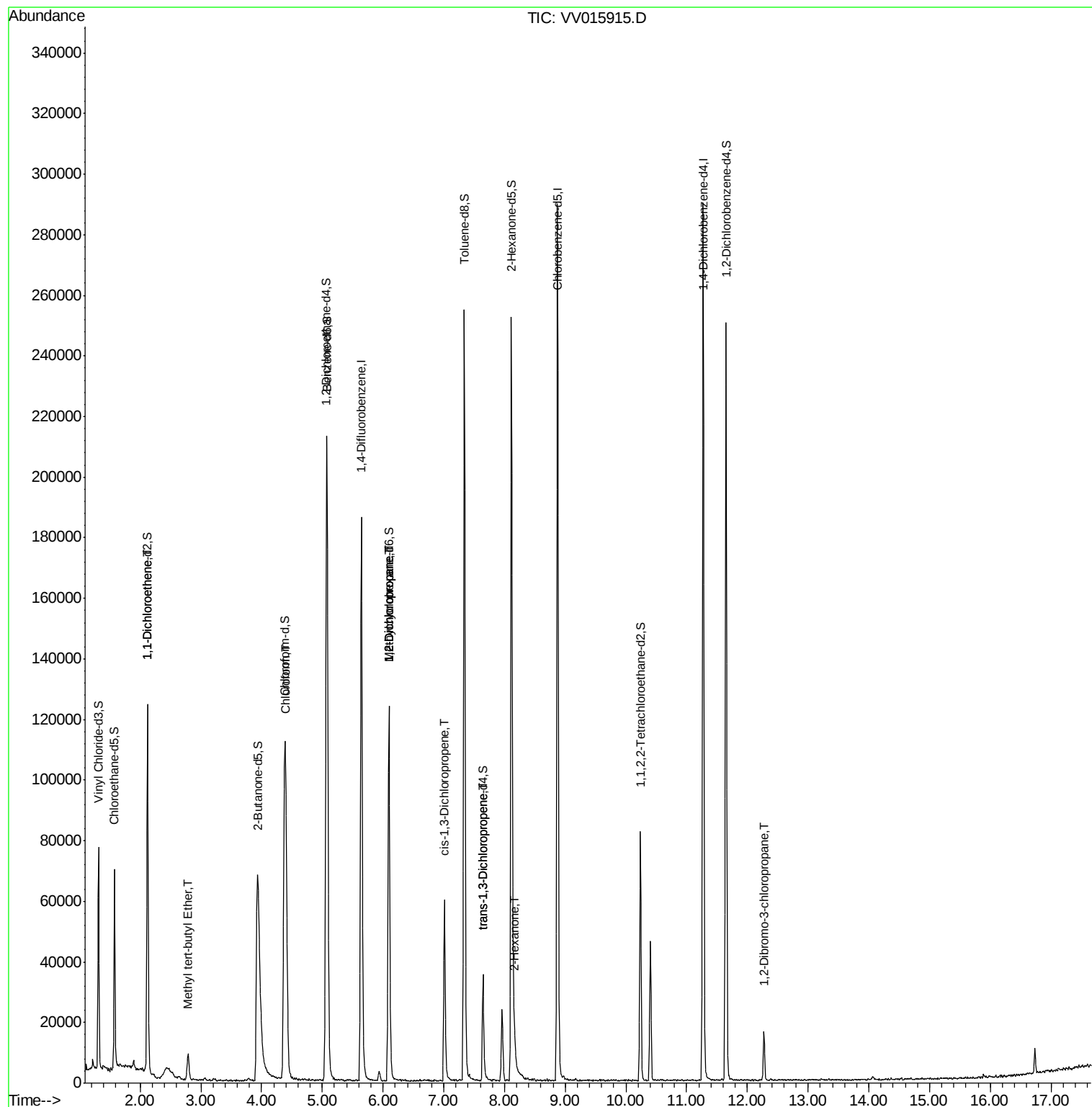
					Ovalue
12) 1,1-Dichloroethene	2.13	96	638	0.076 ug/L #	1
17) Methyl tert-butyl Ether	2.79	73	7780	0.348 ug/L #	91
25) Chloroform	4.41	83	65396	3.319 ug/L	98
35) Methylcyclohexane	6.10	83	13482	0.795 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	7113	0.747 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1597	0.119 ug/L #	76
44) trans-1,3-Dichloropropene	7.65	75	883	0.078 ug/L	96
48) 2-Hexanone	8.17	43	3036	0.716 ug/L #	94
66) 1,2-Dibromo-3-chloropropan	12.27	75	720	0.585 ug/L #	6

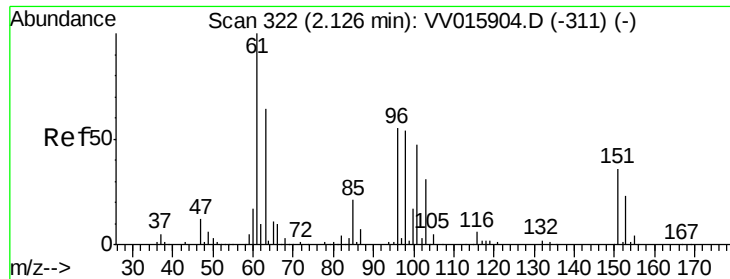
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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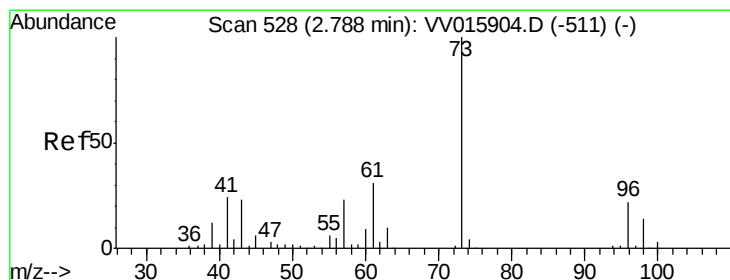
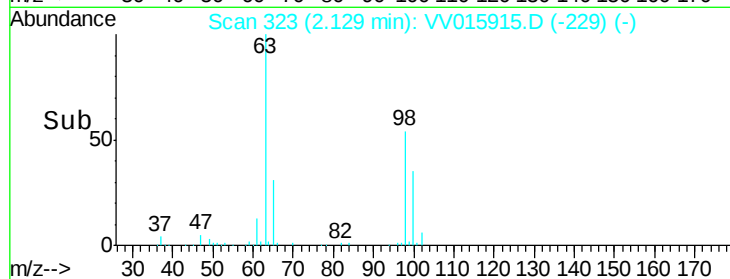
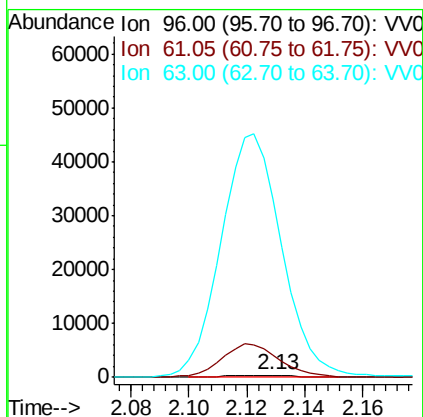
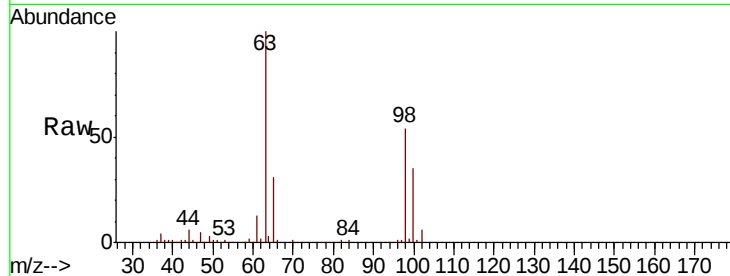




#12
 1,1-Dichloroethene
 Concen: 0.076 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VV015915.D
 Acq: 06 May 2020 17:17

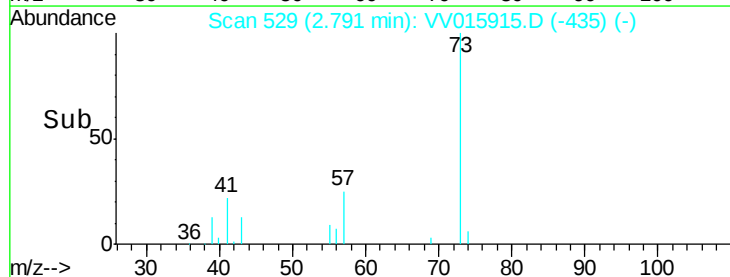
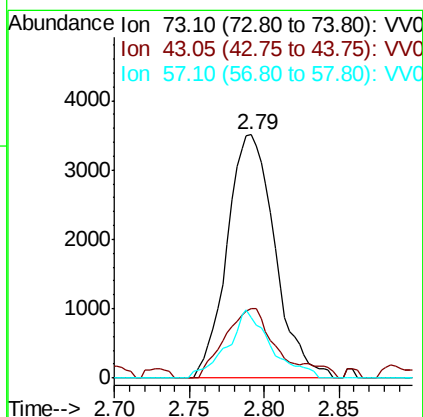
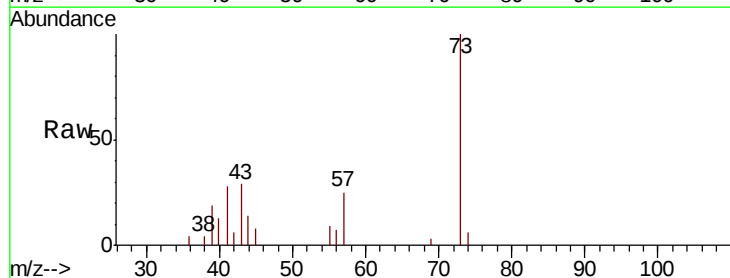
Instrument :
 MSVOA_V
 ClientSampled :

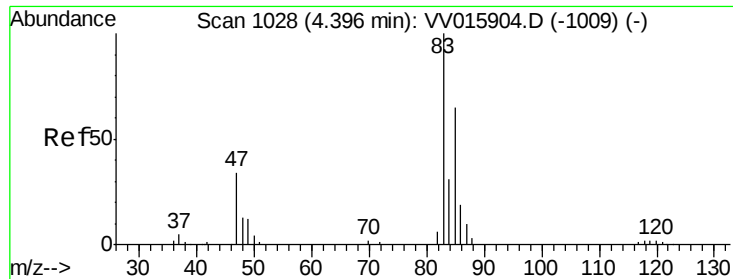
Tot Ion: 96 Resp: 638
 Ion Ratio Lower Upper
 96 100
 61 1115.1 139.9 259.7#
 63 8785.1 106.4 197.6#



#17
 Methyl tert-butyl Ether
 Concen: 0.348 ug/L
 RT: 2.79 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VV015915.D
 Acq: 06 May 2020 17:17

Tgt Ion: 73 Resp: 7780
 Ion Ratio Lower Upper
 73 100
 43 28.7 18.8 28.2#
 57 25.5 17.8 26.6

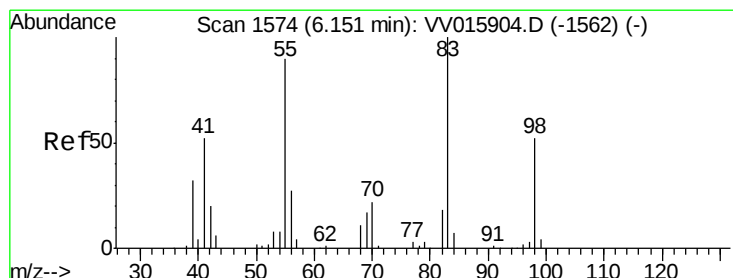
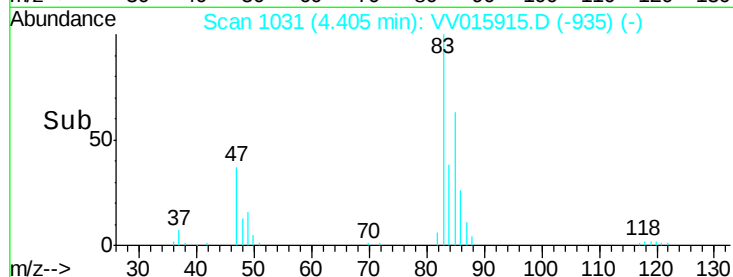
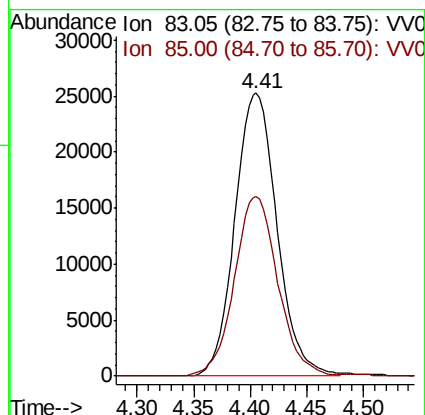
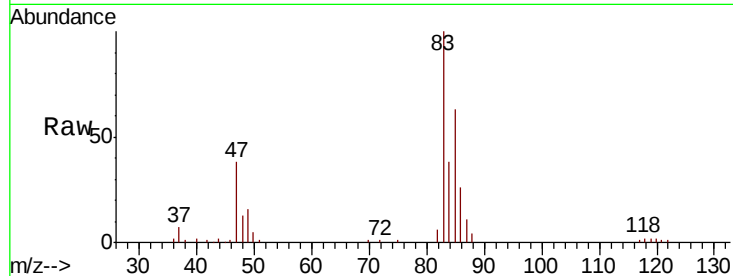




#25
Chloroform
Concen: 3.319 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015915.D
Acq: 06 May 2020 17:17

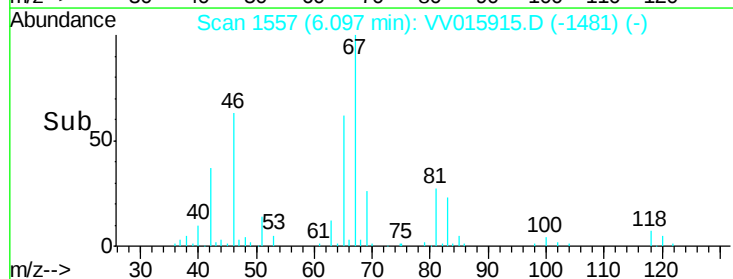
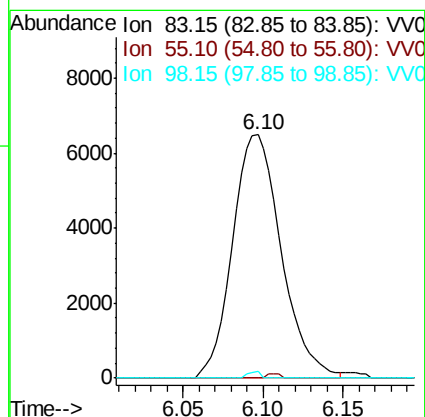
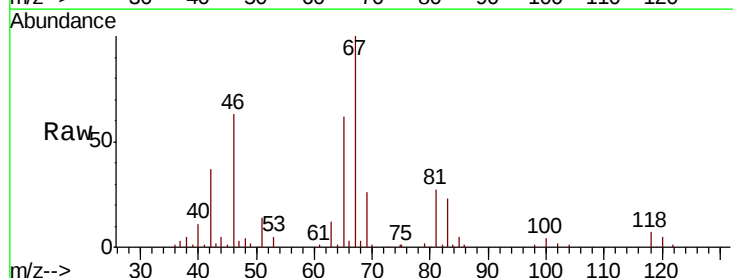
Instrument :
MSVOA_V
ClientSampled :

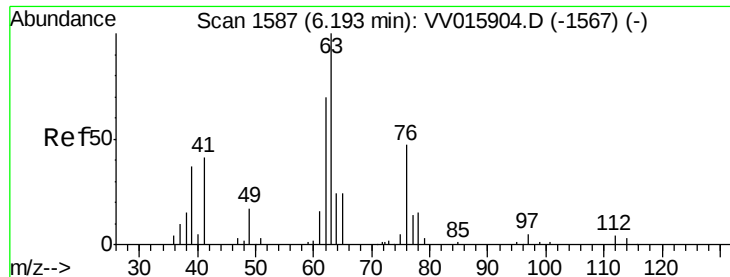
Tot Ion: 83 Resp: 65396
Ion Ratio Lower Upper
83 100
85 63.5 45.7 84.9



#35
Methylcyclohexane
Concen: 0.795 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015915.D
Acq: 06 May 2020 17:17

Tgt Ion: 83 Resp: 13482
Ion Ratio Lower Upper
83 100
55 0.5 66.2 99.2#
98 0.7 37.9 56.9#

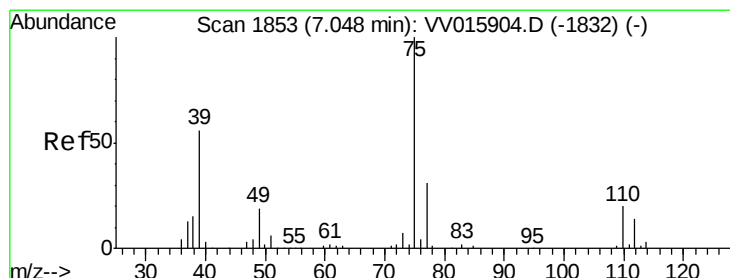
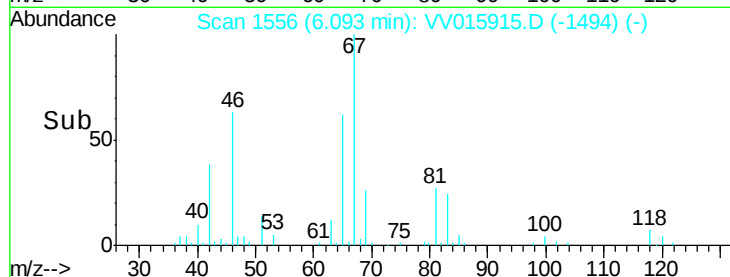
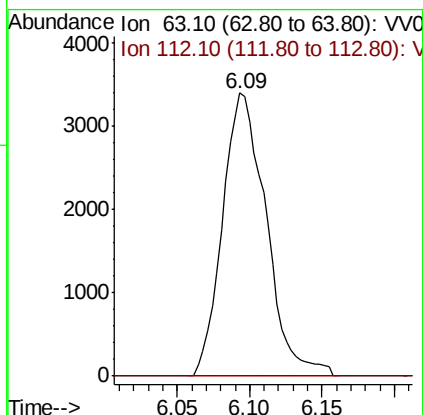
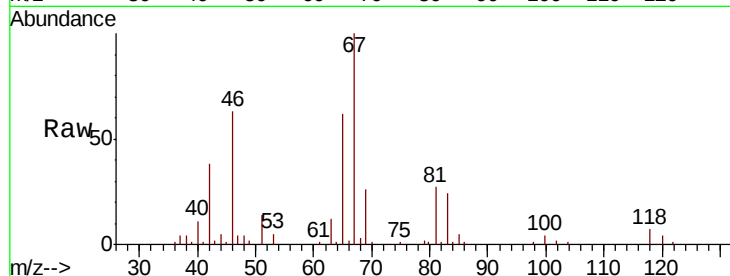




#37
 1,2-Dichloropropane
 Concen: 0.747 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015915.D
 Acq: 06 May 2020 17:17

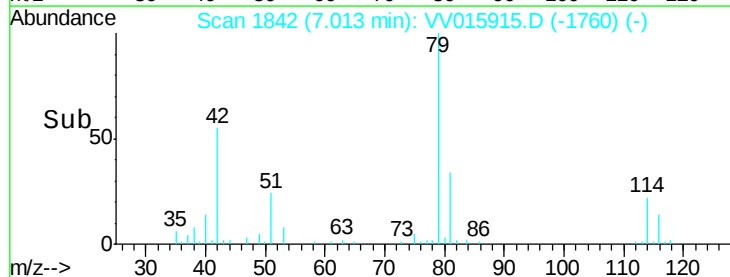
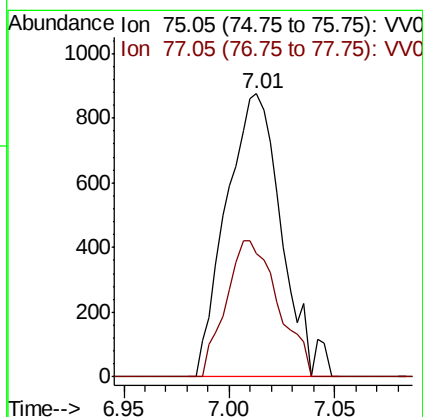
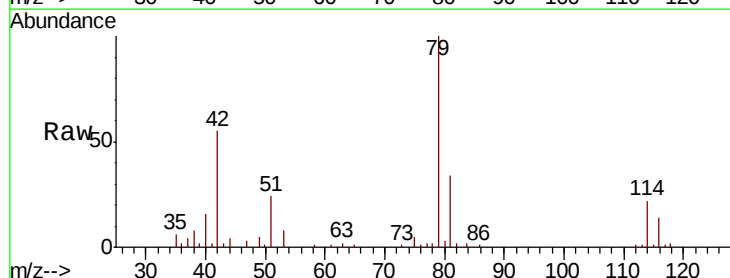
Instrument :
 MSVOA_V
 ClientSampleId :

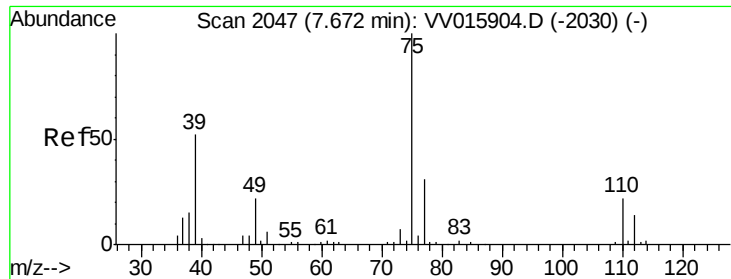
Tot Ion: 63 Resp: 7113
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.119 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015915.D
 Acq: 06 May 2020 17:17

Tgt Ion: 75 Resp: 1597
 Ion Ratio Lower Upper
 75 100
 77 43.5 21.3 39.5#





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015915.D

Acq: 06 May 2020 17:17

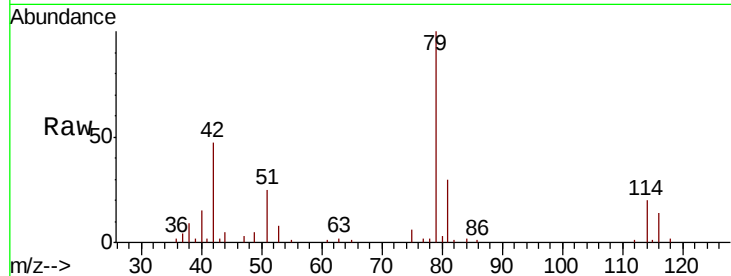
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 883

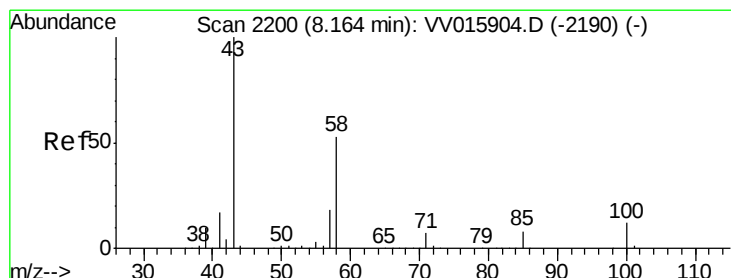
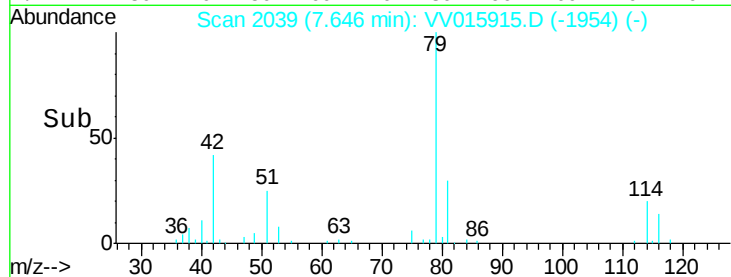
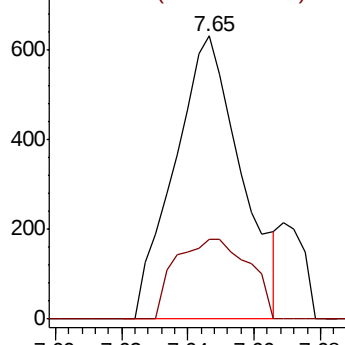
Ion Ratio Lower Upper

75 100

77 28.3 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 0.716 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV015915.D

Acq: 06 May 2020 17:17

Tgt Ion: 43 Resp: 3036

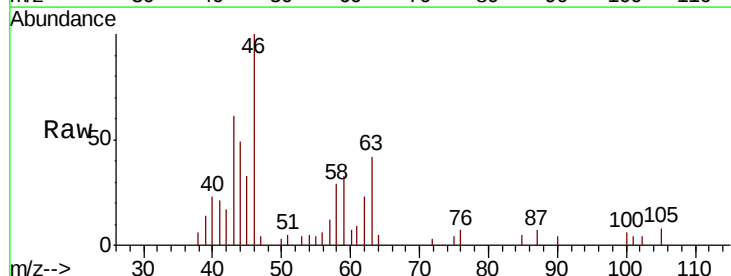
Ion Ratio Lower Upper

43 100

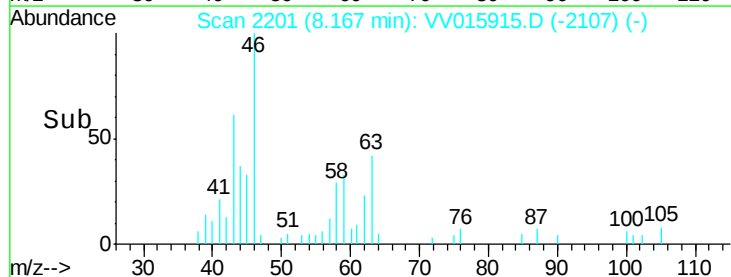
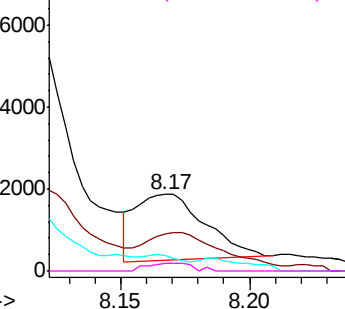
58 53.3 40.8 61.2

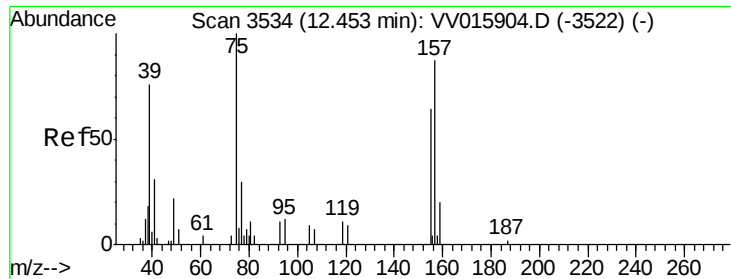
57 12.2 14.7 22.1#

100 8.0 9.0 13.6#



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





#66

1,2-Dibromo-3-chloropropane

Concen: 0.585 ug/L

RT: 12.27 min Scan# 3477

Delta R.T. -0.18 min

Lab File: VV015915.D

Acq: 06 May 2020 17:17

Instrument :

MSVOA_V

ClientSampleId :

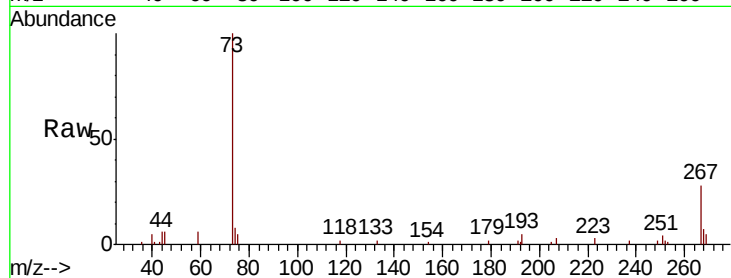
Tot Ion: 75 Resp: 720

Ion Ratio Lower Upper

75 100

155 0.0 58.2 87.4#

157 0.0 79.4 119.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

