

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015652.D
 Acq On : 23 Apr 2020 11:01
 Operator : SY/MD
 Sample : VV0423WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:30:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118640	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112808	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30909	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.58	69	29830	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.80%
11) 1,1-Dichloroethene-d2	2.12	63	47988	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.94	46	110089	55.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	4.38	84	70637	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	44098	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.07	84	138893	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.10	67	46533	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.34	98	125621	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.64	79	13083	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.11	63	82546	50.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32360	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	48338	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

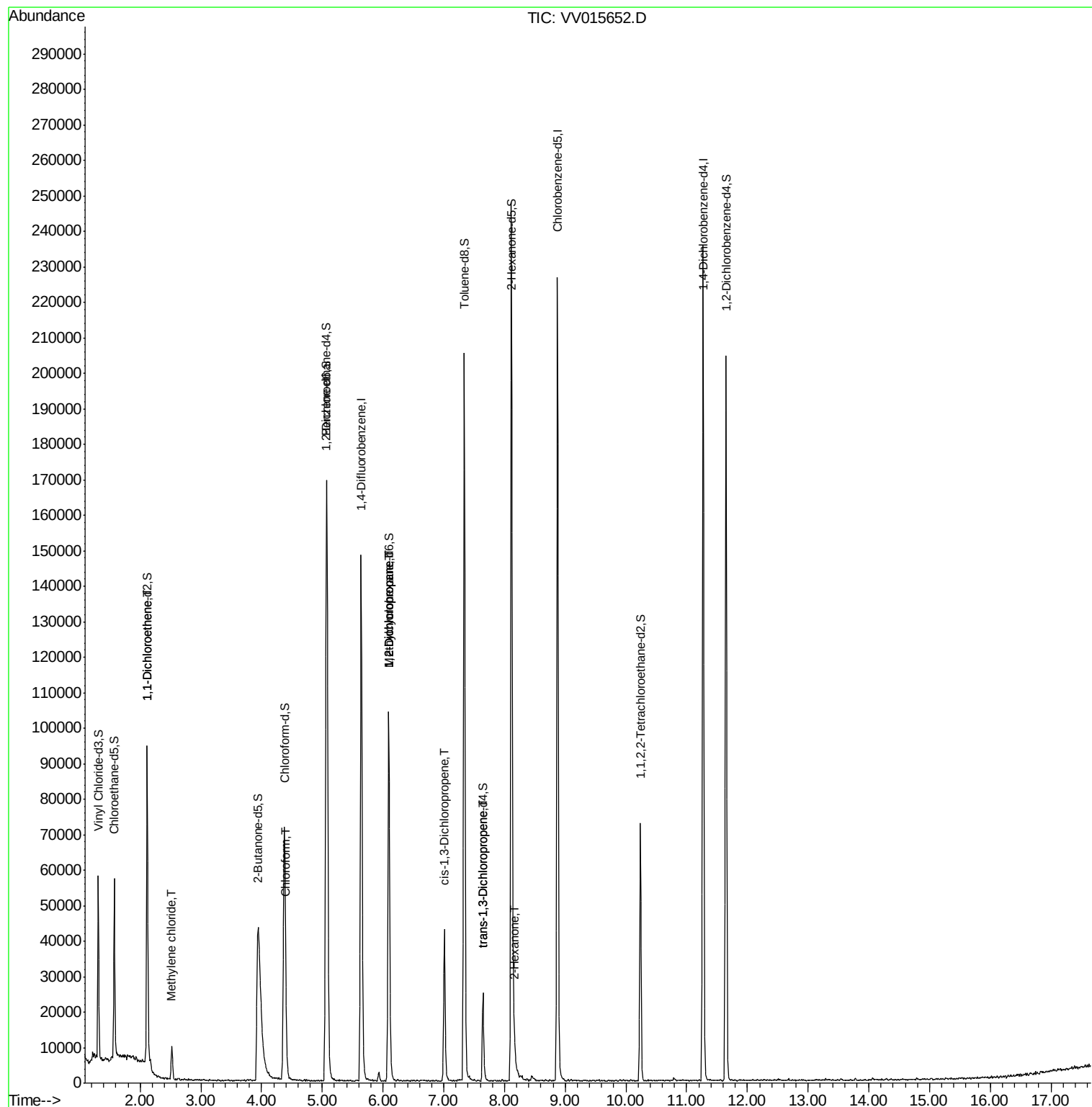
					Ovalue
12) 1,1-Dichloroethene	2.12	96	554	0.080 ug/L #	1
16) Methylene chloride	2.52	84	3597	0.422 ug/L	95
25) Chloroform	4.41	83	4657	0.289 ug/L	97
35) Methylcyclohexane	6.09	83	11894	0.871 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5885	0.718 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1342	0.118 ug/L #	70
44) trans-1,3-Dichloropropene	7.64	75	666	0.069 ug/L #	80
48) 2-Hexanone	8.17	43	3592	0.947 ug/L #	80

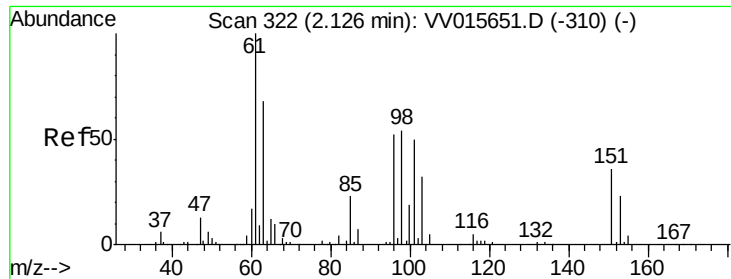
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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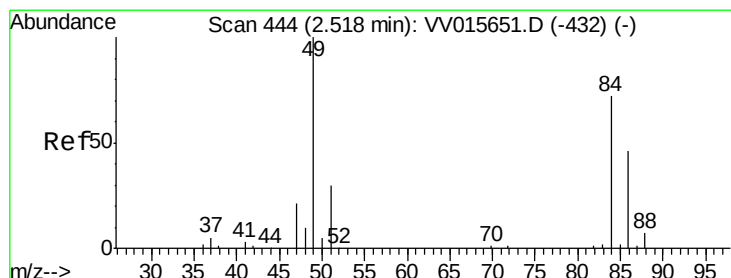
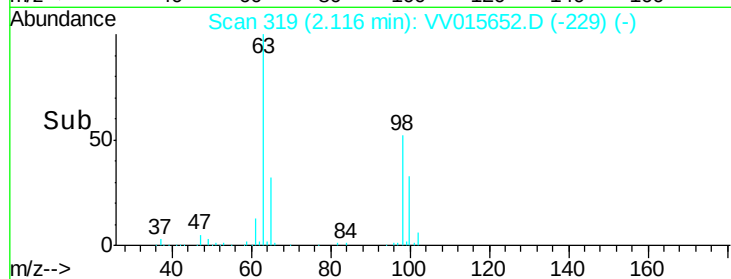
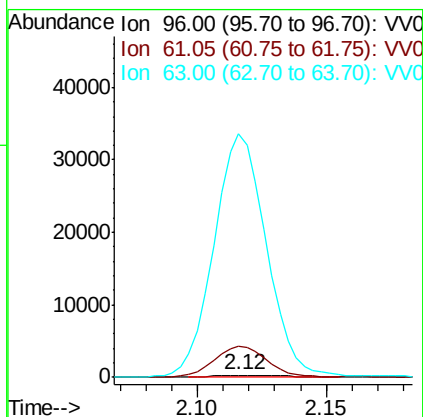
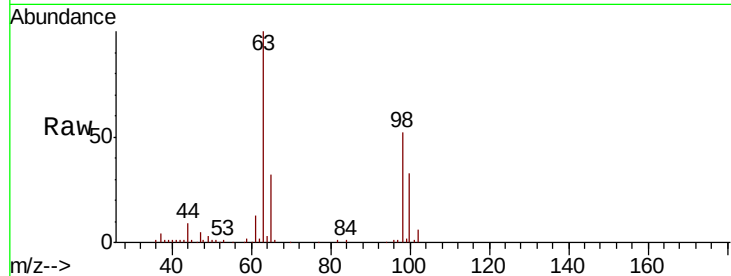




#12
 1,1-Dichloroethene
 Concen: 0.080 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV015652.D
 Acq: 23 Apr 2020 11:01

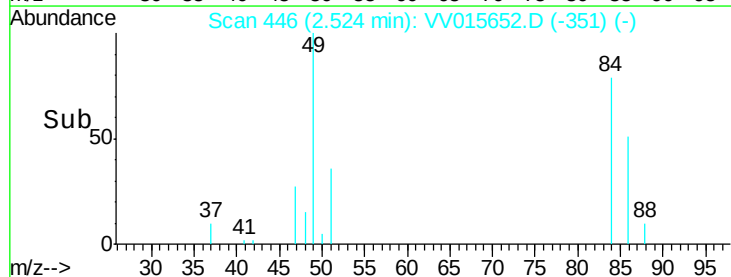
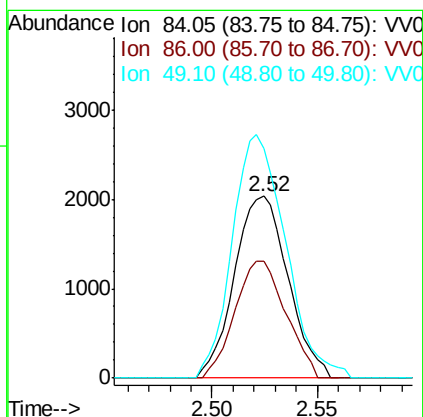
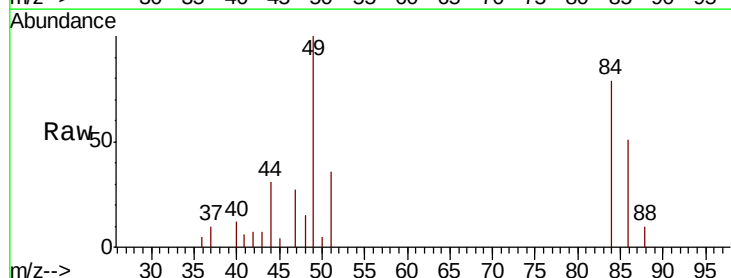
Instrument :
 MSVOA_V
 ClientSampled :

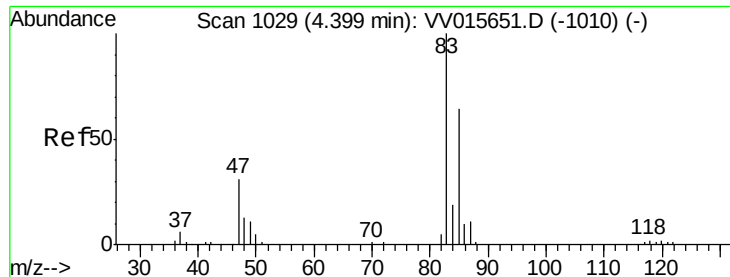
Tot Ion: 96 Resp: 554
 Ion Ratio Lower Upper
 96 100
 61 1347.7 130.1 241.7#
 63 10402.5 91.4 169.8#



#16
 Methylene chloride
 Concen: 0.422 ug/L
 RT: 2.52 min Scan# 446
 Delta R.T. 0.01 min
 Lab File: VV015652.D
 Acq: 23 Apr 2020 11:01

Tgt Ion: 84 Resp: 3597
 Ion Ratio Lower Upper
 84 100
 86 64.0 45.1 83.7
 49 126.0 94.4 175.4

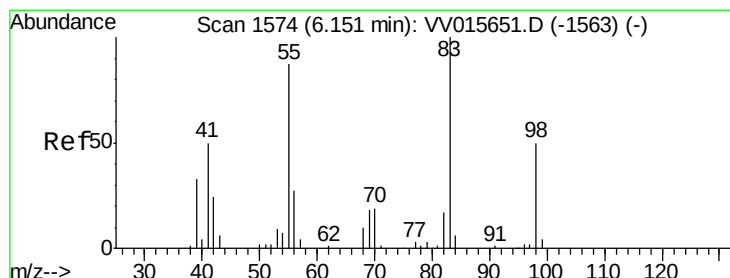
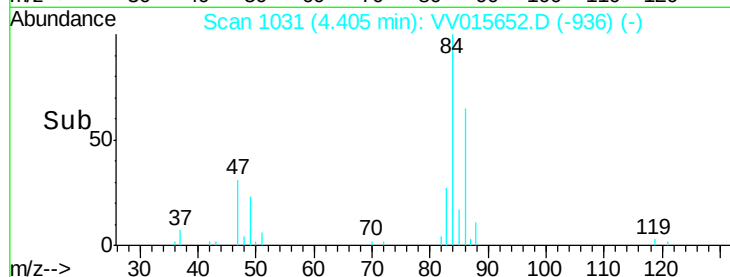
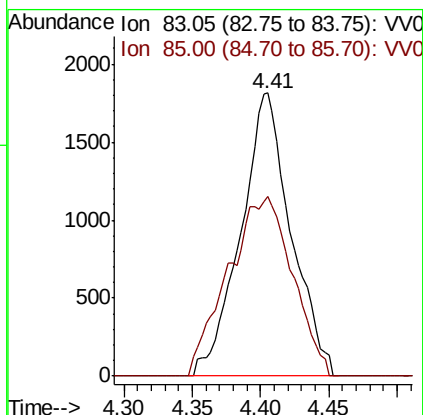
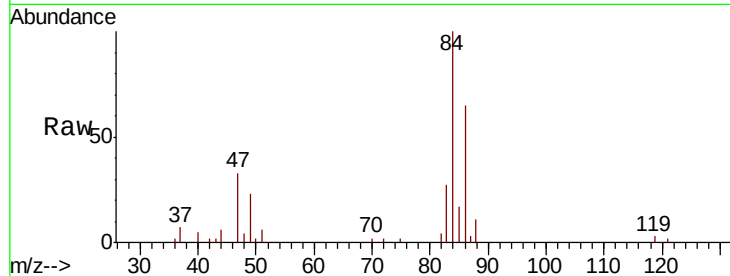




#25
Chloroform
Concen: 0.289 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015652.D
Acq: 23 Apr 2020 11:01

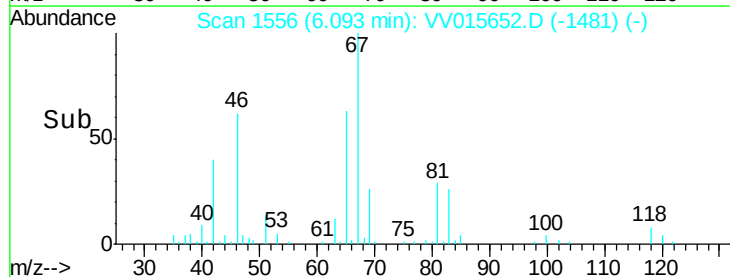
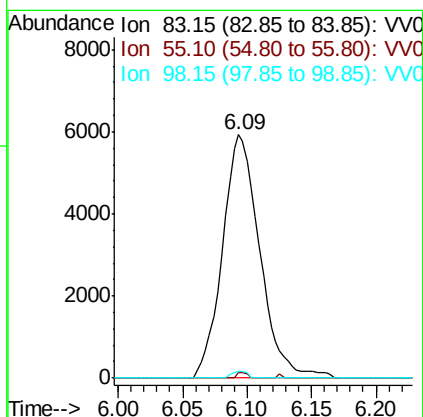
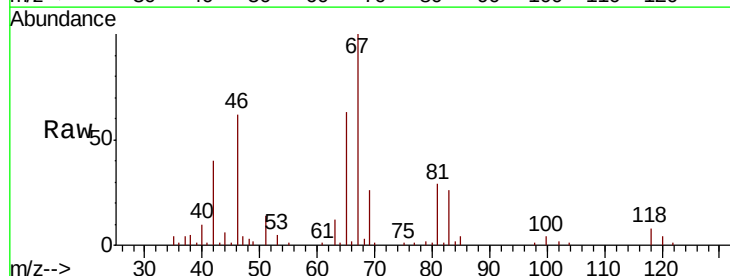
Instrument :
MSVOA_V
ClientSampleId :

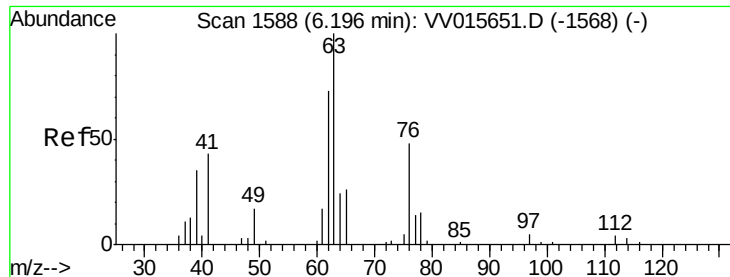
Tot Ion: 83 Resp: 4657
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5



#35
Methylcyclohexane
Concen: 0.871 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015652.D
Acq: 23 Apr 2020 11:01

Tgt Ion: 83 Resp: 11894
Ion Ratio Lower Upper
83 100
55 0.6 66.6 99.8#
98 1.2 39.5 59.3#

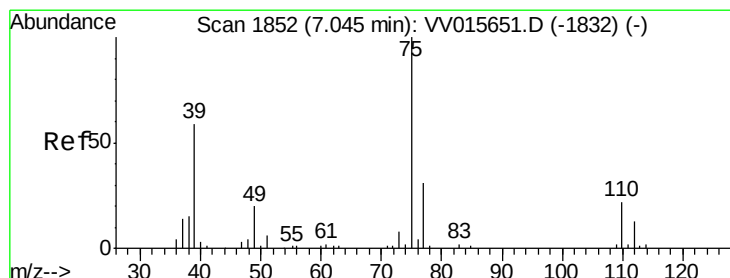
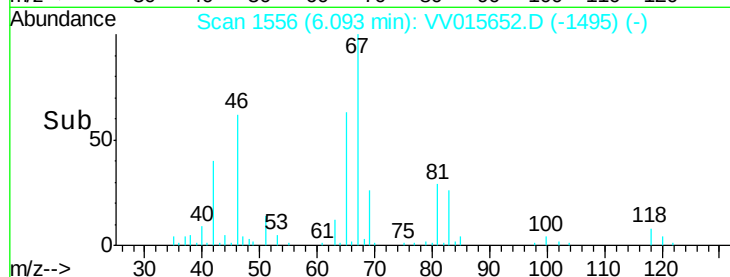
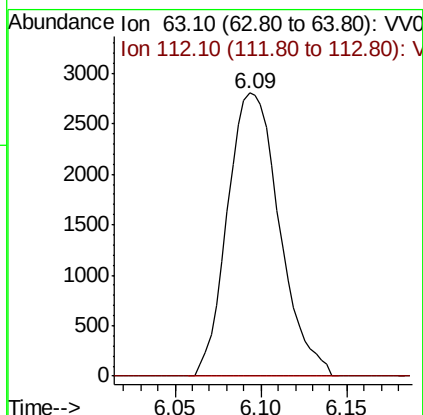
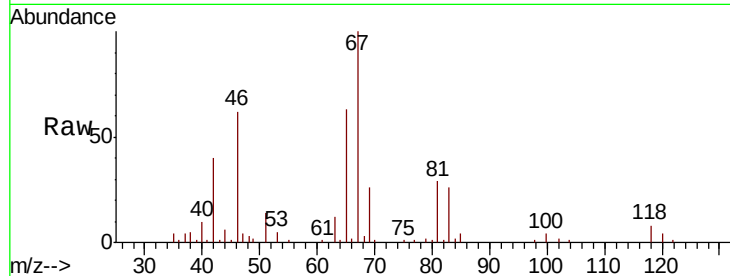




#37
 1,2-Dichloropropane
 Concen: 0.718 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015652.D
 Acq: 23 Apr 2020 11:01

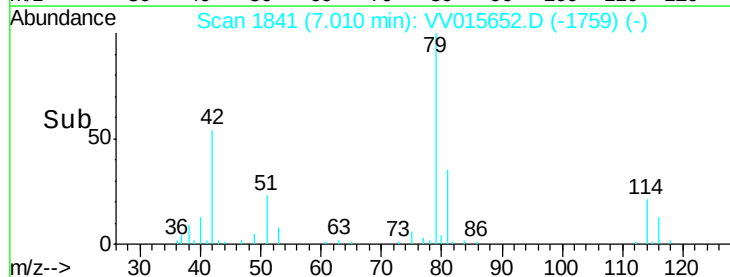
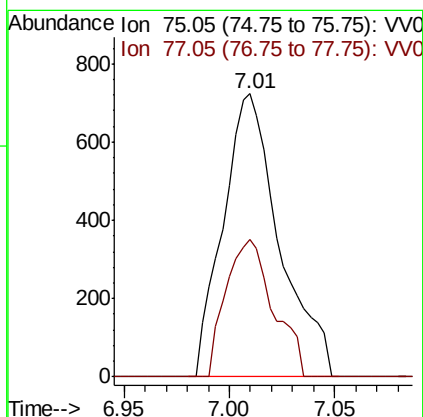
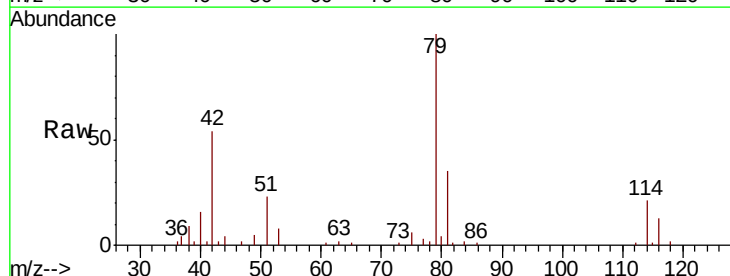
Instrument :
 MSVOA_V
 ClientSampleId :

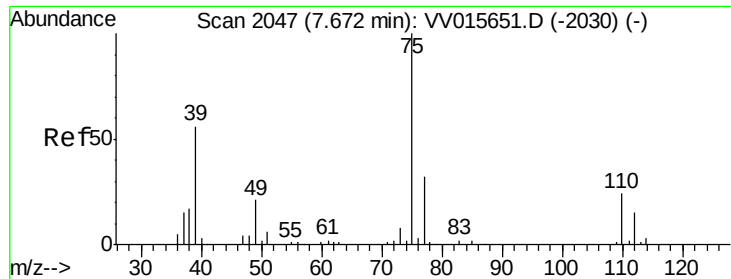
Tot Ion: 63 Resp: 5885
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.118 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015652.D
 Acq: 23 Apr 2020 11:01

Tgt Ion: 75 Resp: 1342
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.5#





#44

trans-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015652.D

Acq: 23 Apr 2020 11:01

Instrument :

MSVOA_V

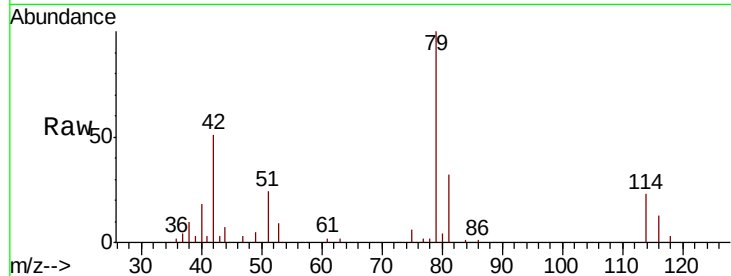
ClientSampled :

Tot Ion: 75 Resp: 666

Ion Ratio Lower Upper

75 100

77 42.1 21.8 40.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

400

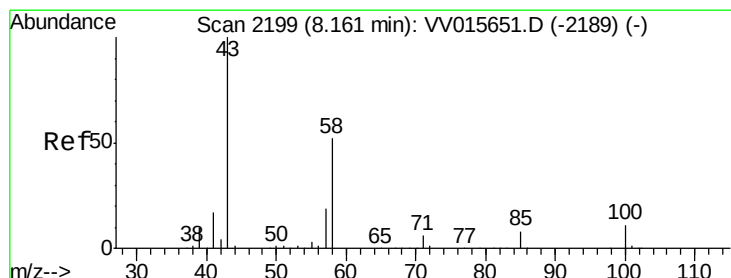
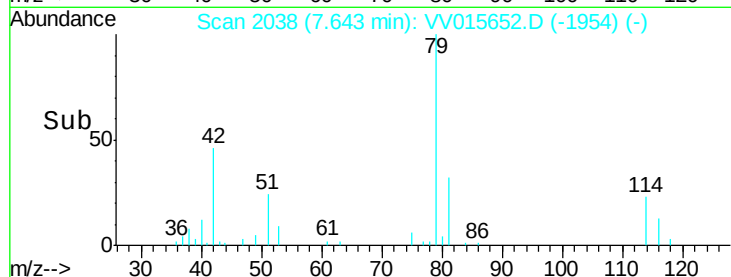
300

200

100

0

Time-->



#48

2-Hexanone

Concen: 0.947 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015652.D

Acq: 23 Apr 2020 11:01

Tgt Ion: 43 Resp: 3592

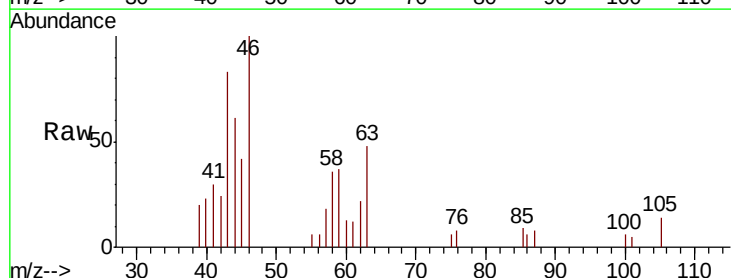
Ion Ratio Lower Upper

43 100

58 41.8 41.1 61.7

57 2.8 15.0 22.4#

100 3.7 9.0 13.4#



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

10000

8000

6000

4000

2000

0

Time-->

