

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013280.D
 Acq On : 22 Oct 2019 15:35
 Operator : SY/MD
 Sample : VIBLK42
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:26:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	455458	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	487679	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	182940	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.58	69	151461	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.13	63	224586	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.97	46	408814	63.40	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.80%
24) Chloroform-d	4.40	84	391292	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.08	65	184058	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	780058	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	236402	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	641428	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.66	79	76684	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	244142	38.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.20%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	160119	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	255158	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

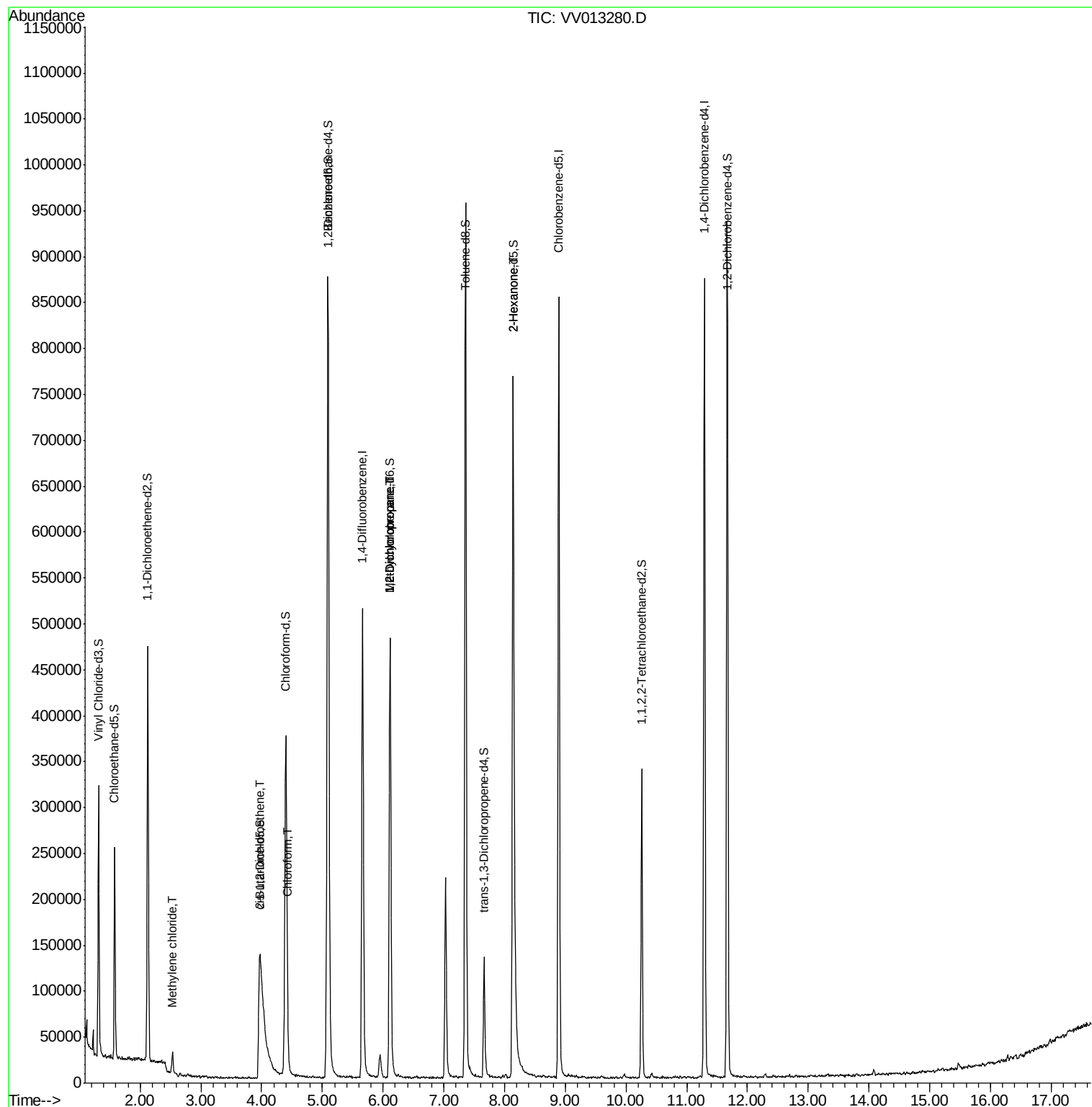
					Ovalue
16) Methylene chloride	2.53	84	10313	0.192 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	6751	0.149 ug/L #	93
25) Chloroform	4.43	83	13548	0.151 ug/L	96
35) Methylcyclohexane	6.12	83	57144	0.743 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	25185	0.557 ug/L #	87
48) 2-Hexanone	8.14	43	39982	2.422 ug/L #	64

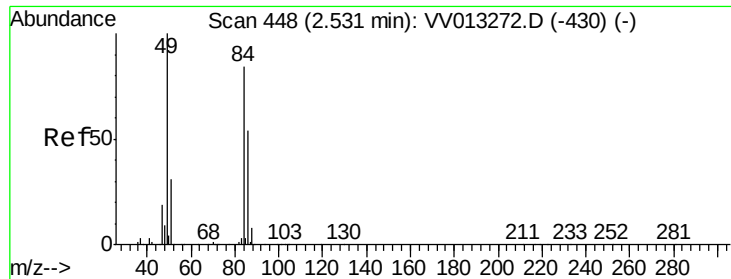
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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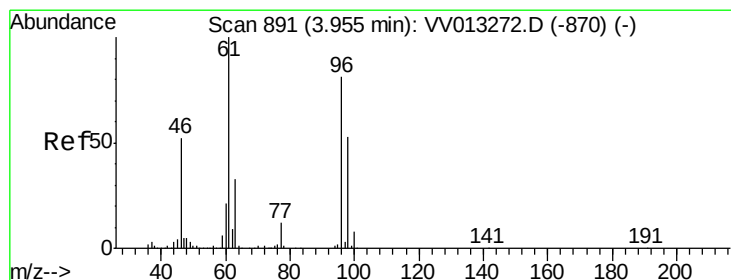
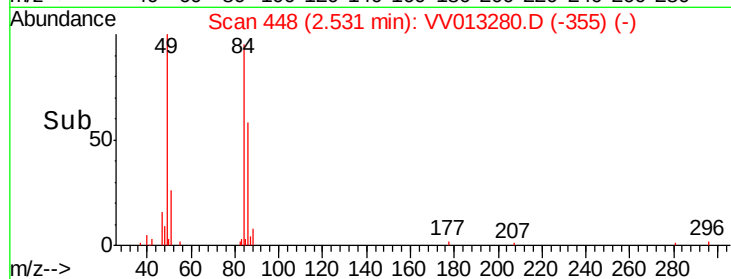
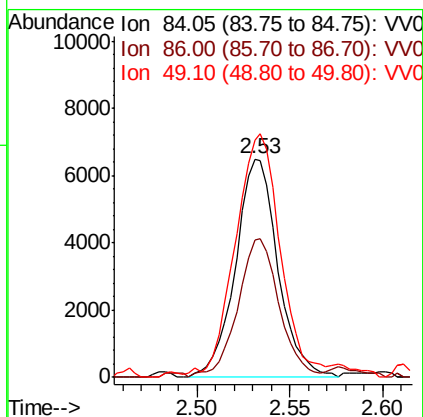
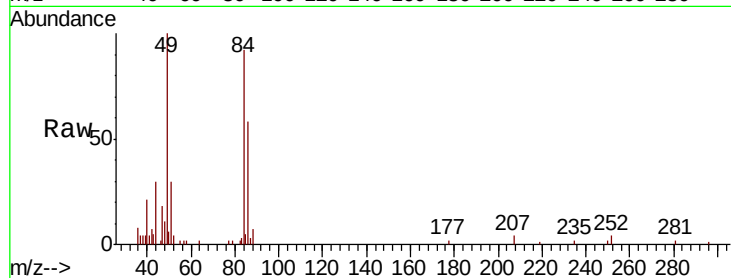




#16
Methylene chloride
Concen: 0.192 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013280.D
Acq: 22 Oct 2019 15:35

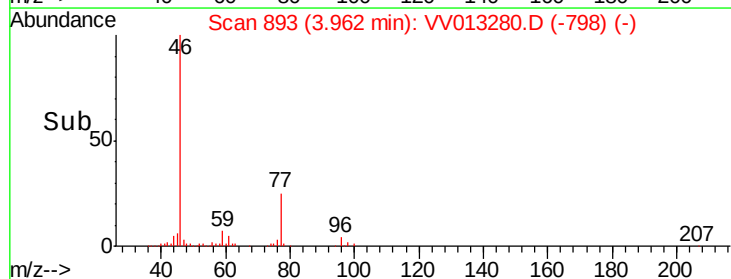
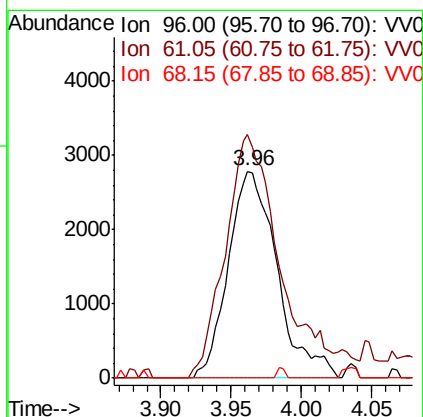
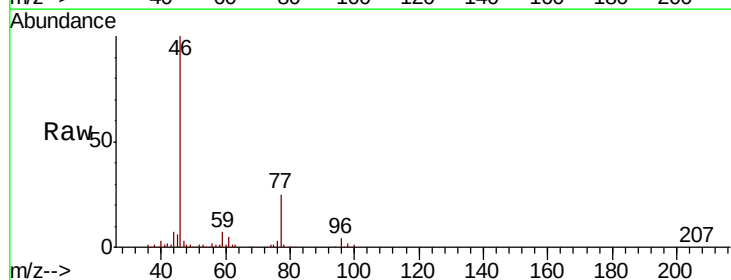
Instrument :
MSVOA_V
ClientSampleId :

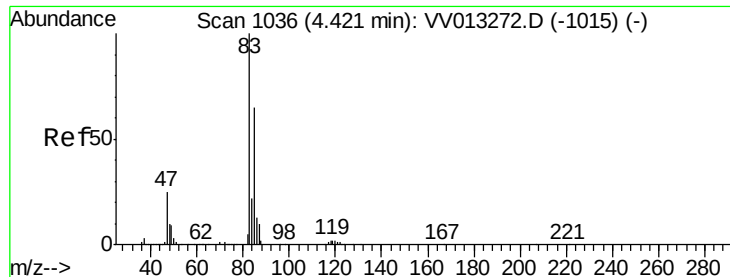
Tot Ion: 84 Resp: 10313
Ion Ratio Lower Upper
84 100
86 63.1 46.2 85.8
49 108.7 76.4 141.8



#22
cis-1,2-Dichloroethene
Concen: 0.149 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013280.D
Acq: 22 Oct 2019 15:35

Tgt Ion: 96 Resp: 6751
Ion Ratio Lower Upper
96 100
61 117.7 77.3 143.7
68 0.0 0.1 0.1#

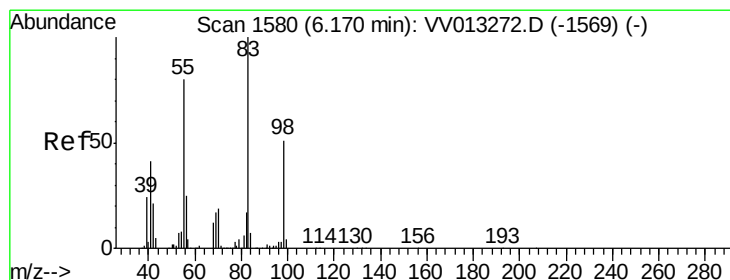
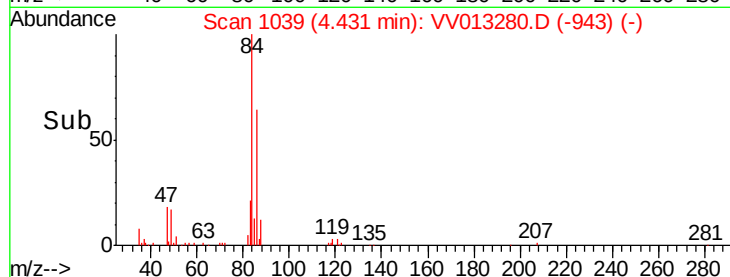
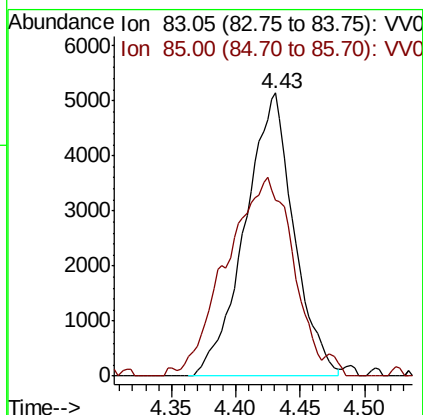
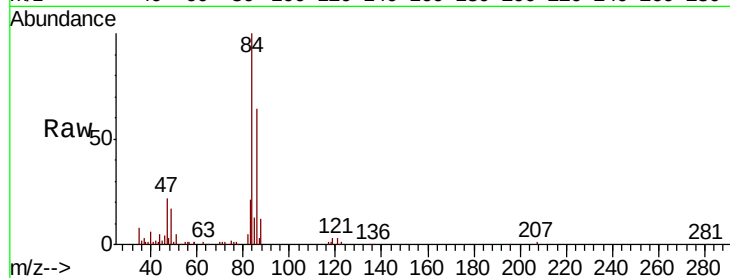




#25
Chloroform
Concen: 0.151 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013280.D
Acq: 22 Oct 2019 15:35

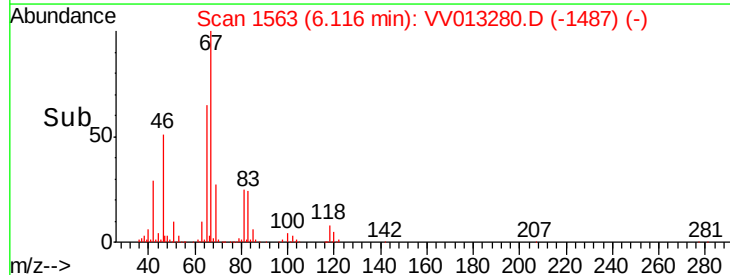
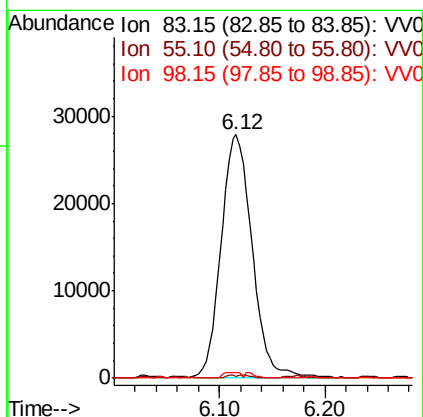
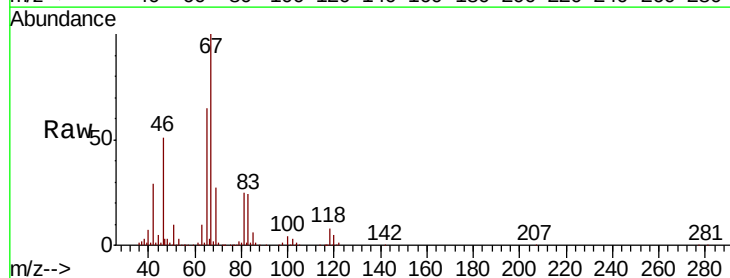
Instrument :
MSVOA_V
ClientSampleId :

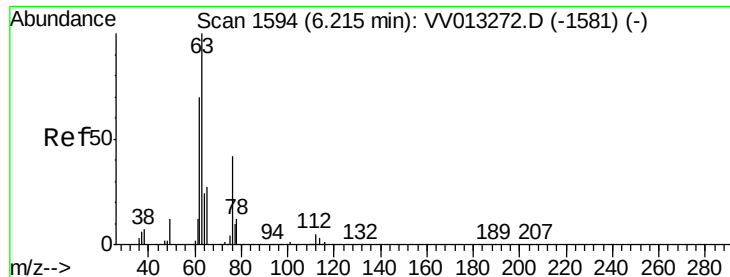
Tot Ion: 83 Resp: 13548
Ion Ratio Lower Upper
83 100
85 61.9 45.7 84.9



#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013280.D
Acq: 22 Oct 2019 15:35

Tgt Ion: 83 Resp: 57144
Ion Ratio Lower Upper
83 100
55 0.1 62.4 93.6#
98 1.2 39.2 58.8#

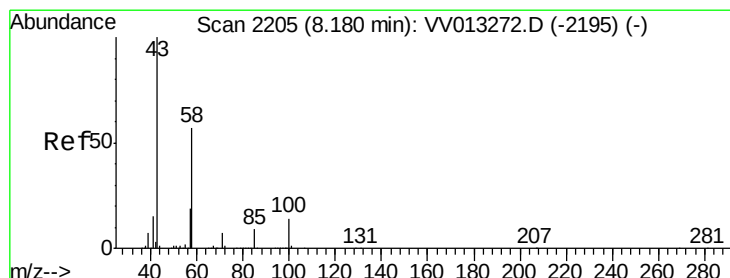
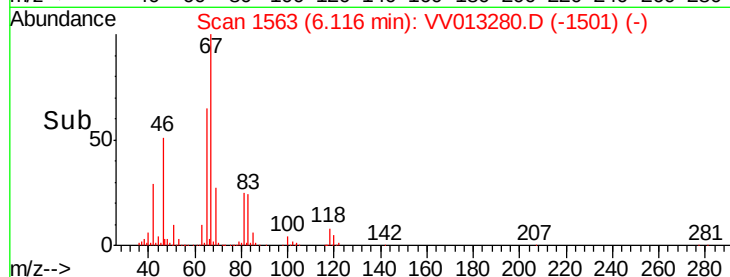
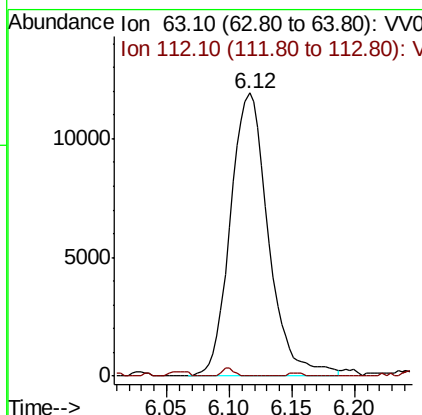
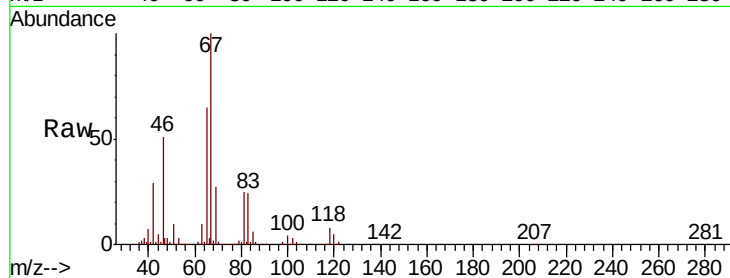




#37
 1,2-Dichloropropane
 Concen: 0.557 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013280.D
 Acq: 22 Oct 2019 15:35

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 25185
 Ion Ratio Lower Upper
 63 100
 112 0.9 4.1 6.1#



#48
 2-Hexanone
 Concen: 2.422 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013280.D
 Acq: 22 Oct 2019 15:35

Tgt Ion: 43 Resp: 39982
 Ion Ratio Lower Upper
 43 100
 58 80.1 45.1 67.7#
 57 43.4 15.5 23.3#
 100 3.2 10.2 15.2#

