

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035951.D
 Acq On : 03 Dec 2019 16:43
 Operator : JC/SP
 Sample : K6105-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE23

Quant Time: Dec 04 03:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	330332	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	346223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	117179	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	176727	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	144323	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	192087	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.70	46	352993	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	5.11	84	243005	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	137364	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.77	84	488222	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	157018	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.93	98	393309	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.21	79	60926	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.68	63	274651	52.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.14%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	134865	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	124759	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

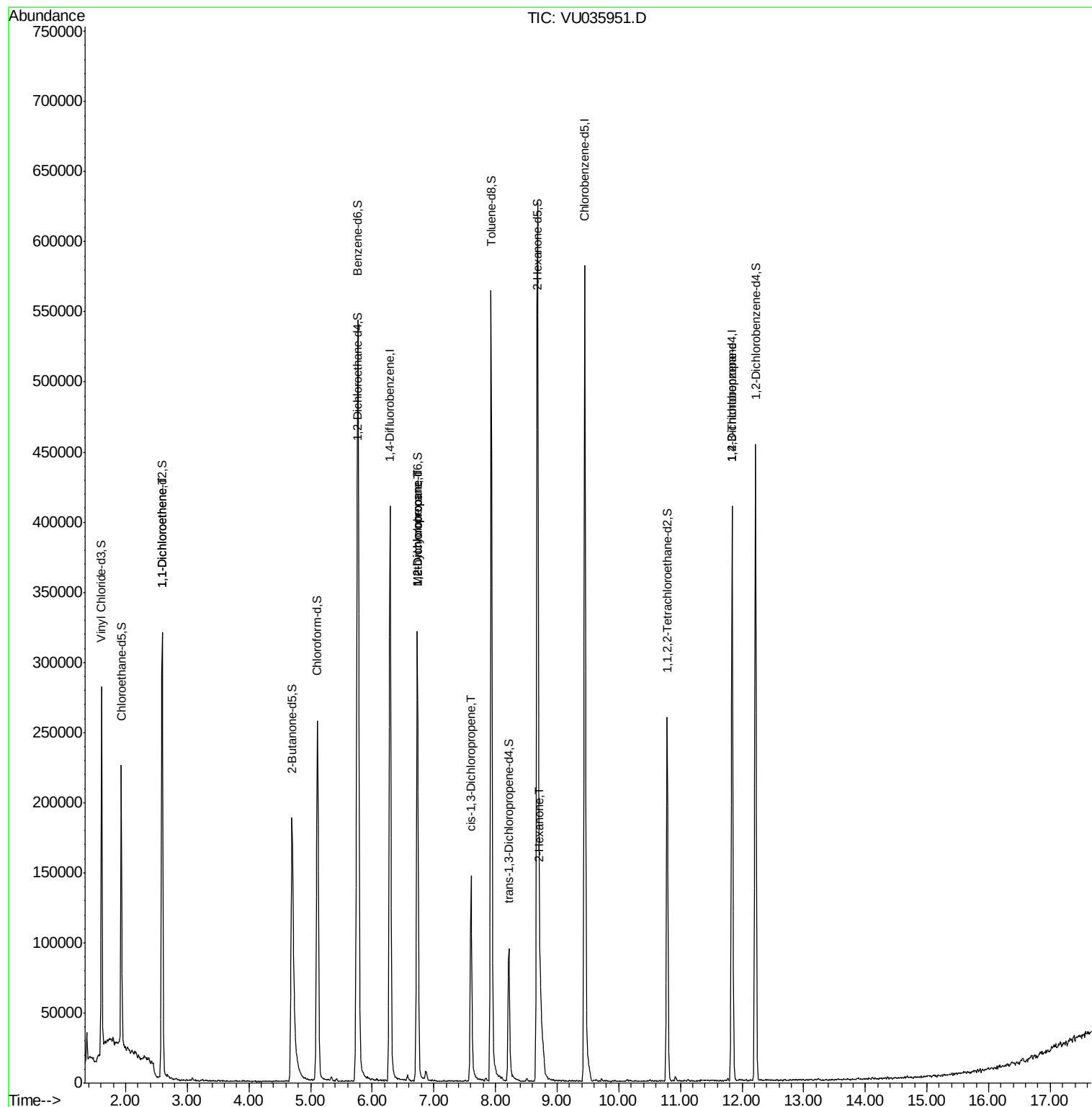
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1608	0.068 ug/L #	1
35) Methylcyclohexane	6.73	83	35534	0.861 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	15913	0.540 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3620	0.093 ug/L #	38
48) 2-Hexanone	8.72	43	11969	0.935 ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	14843	0.775 ug/L	97

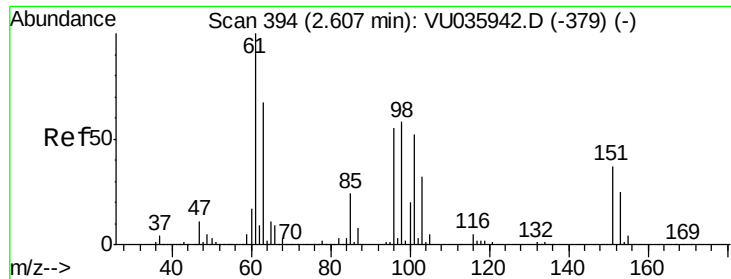
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 04 03:35:54 2019
Response via : Initial Calibration

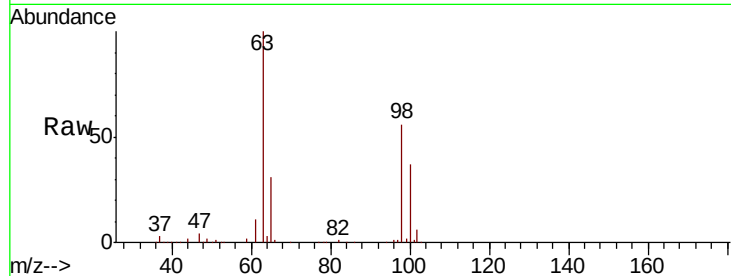




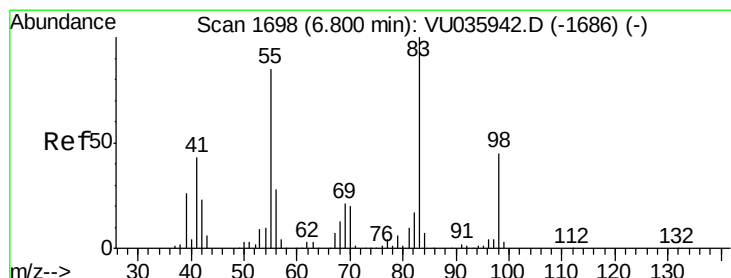
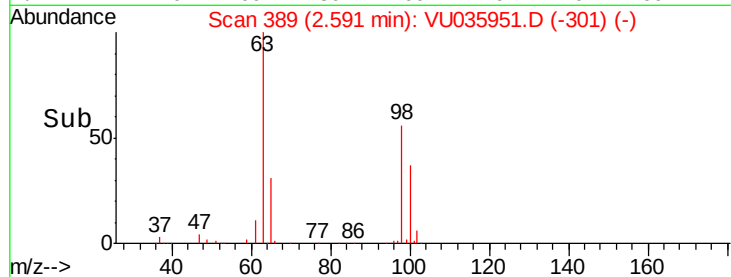
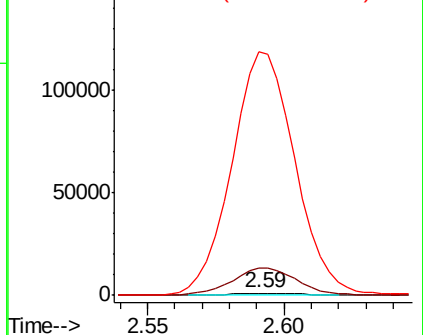
#12
 1,1-Dichloroethene
 Concen: 0.068 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE23

Tot Ion: 96 Resp: 1608
 Ion Ratio Lower Upper
 96 100
 61 1358.0 127.1 236.1#
 63 11930.1 86.0 159.8#

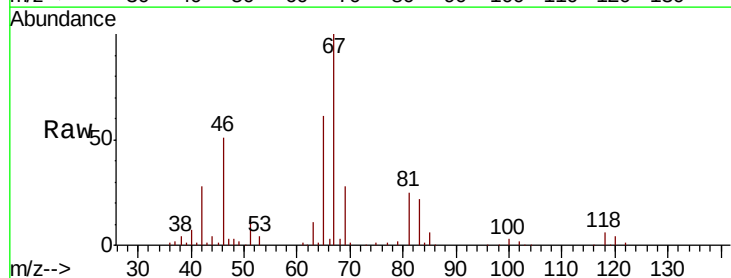


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

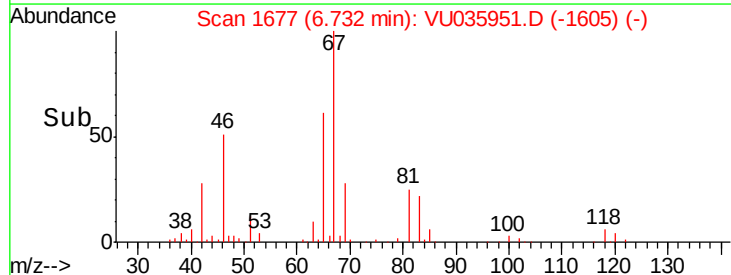
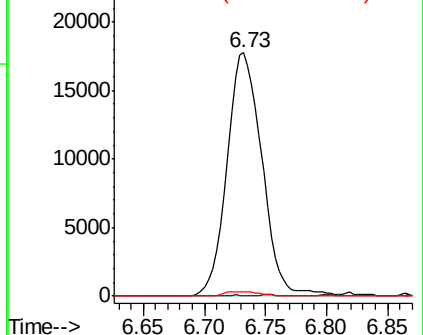


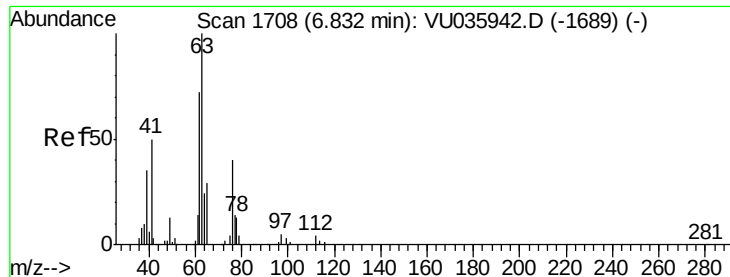
#35
 Methylcyclohexane
 Concen: 0.861 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.07 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

Tgt Ion: 83 Resp: 35534
 Ion Ratio Lower Upper
 83 100
 55 0.1 67.4 101.0#
 98 0.8 34.6 52.0#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

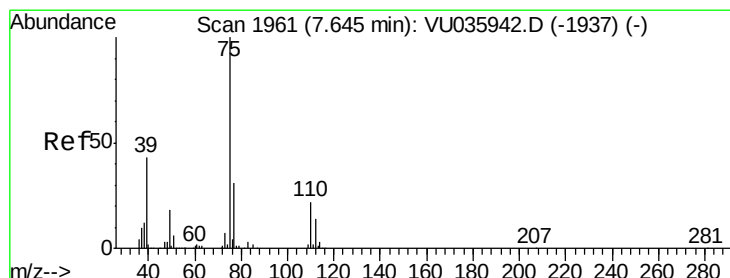
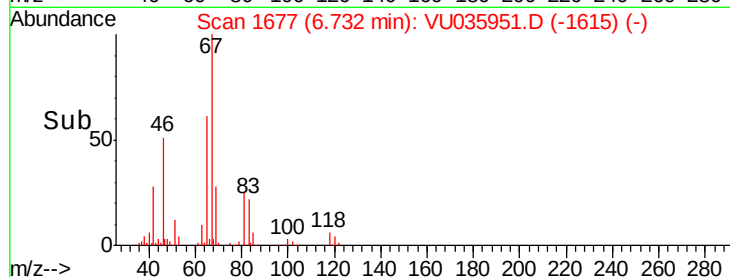
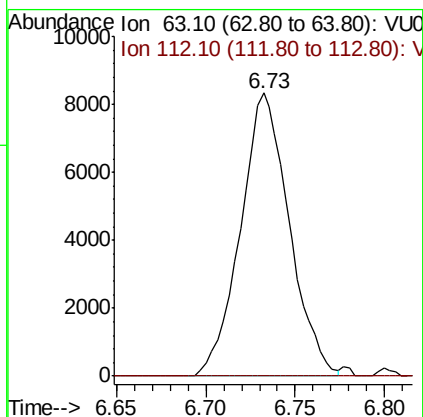
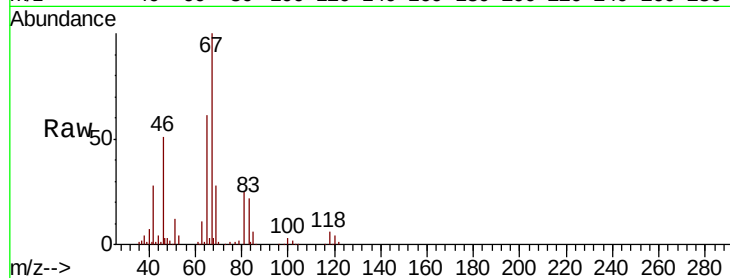




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

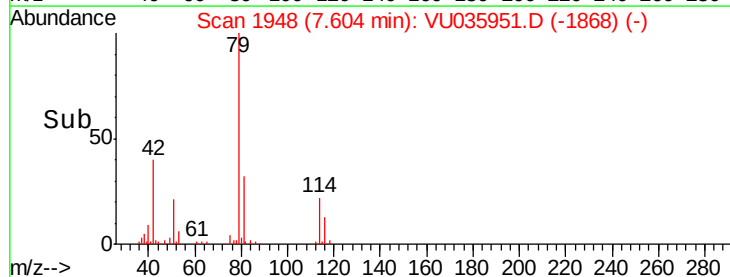
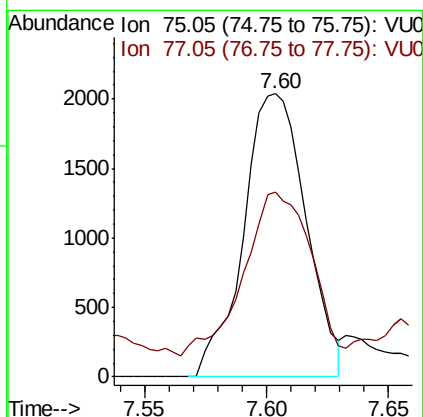
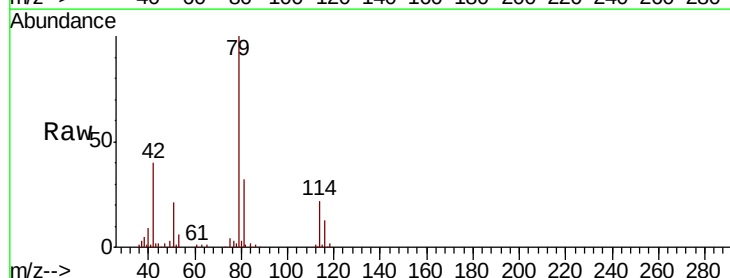
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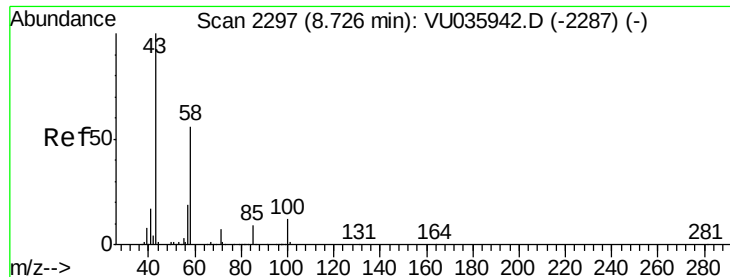
Tot Ion: 63 Resp: 15913
 Ion Ratio Lower Upper
 63 100
 112 0.1 3.3 4.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

Tgt Ion: 75 Resp: 3620
 Ion Ratio Lower Upper
 75 100
 77 65.3 21.9 40.7#

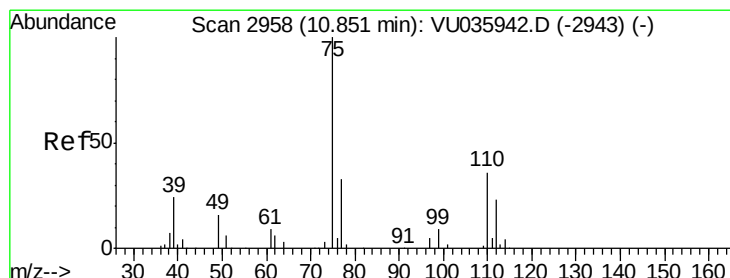
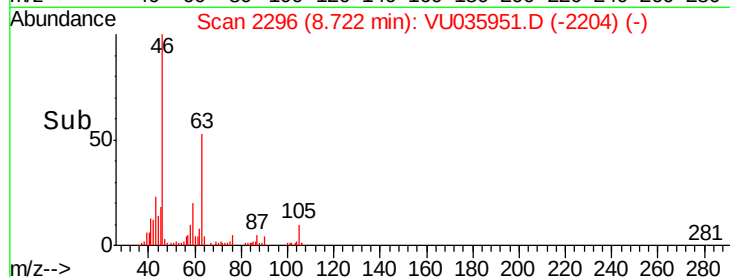
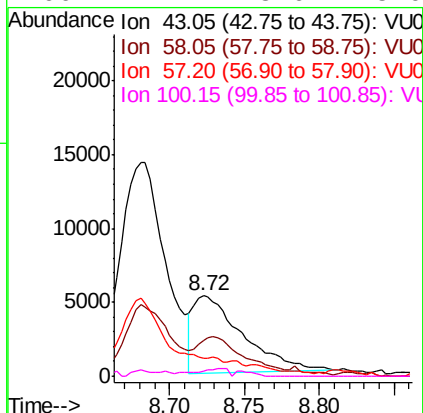
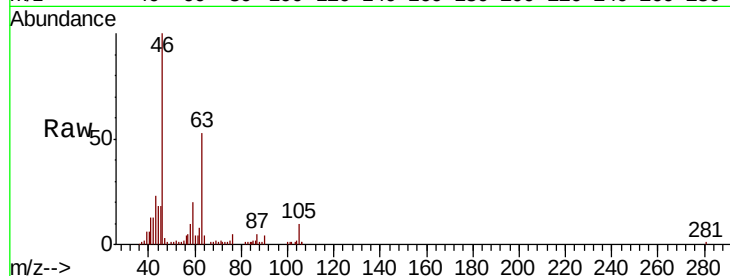




#48
 2-Hexanone
 Concen: 0.935 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE23

Tot Ion: 43 Resp: 11969
 Ion Ratio Lower Upper
 43 100
 58 40.1 45.4 68.2#
 57 0.0 14.9 22.3#
 100 4.7 8.6 13.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.775 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035951.D
 Acq: 03 Dec 2019 16:43

Tgt Ion: 75 Resp: 14843
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.6 39.8

