

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102219\
 Data File : VU035357.D
 Acq On : 22 Oct 2019 12:03
 Operator : JC/SP
 Sample : VIBLK40
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 06:52:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 06:48:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	258407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97725	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70054	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.93	69	70458	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.59	63	96709	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.70	46	285657	62.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.42%
24) Chloroform-d	5.11	84	153703	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.75	65	86991	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.77	84	284199	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.74	67	100078	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.93	98	244801	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.22	79	38476	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.68	63	216605	53.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.88%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96022	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	88109	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

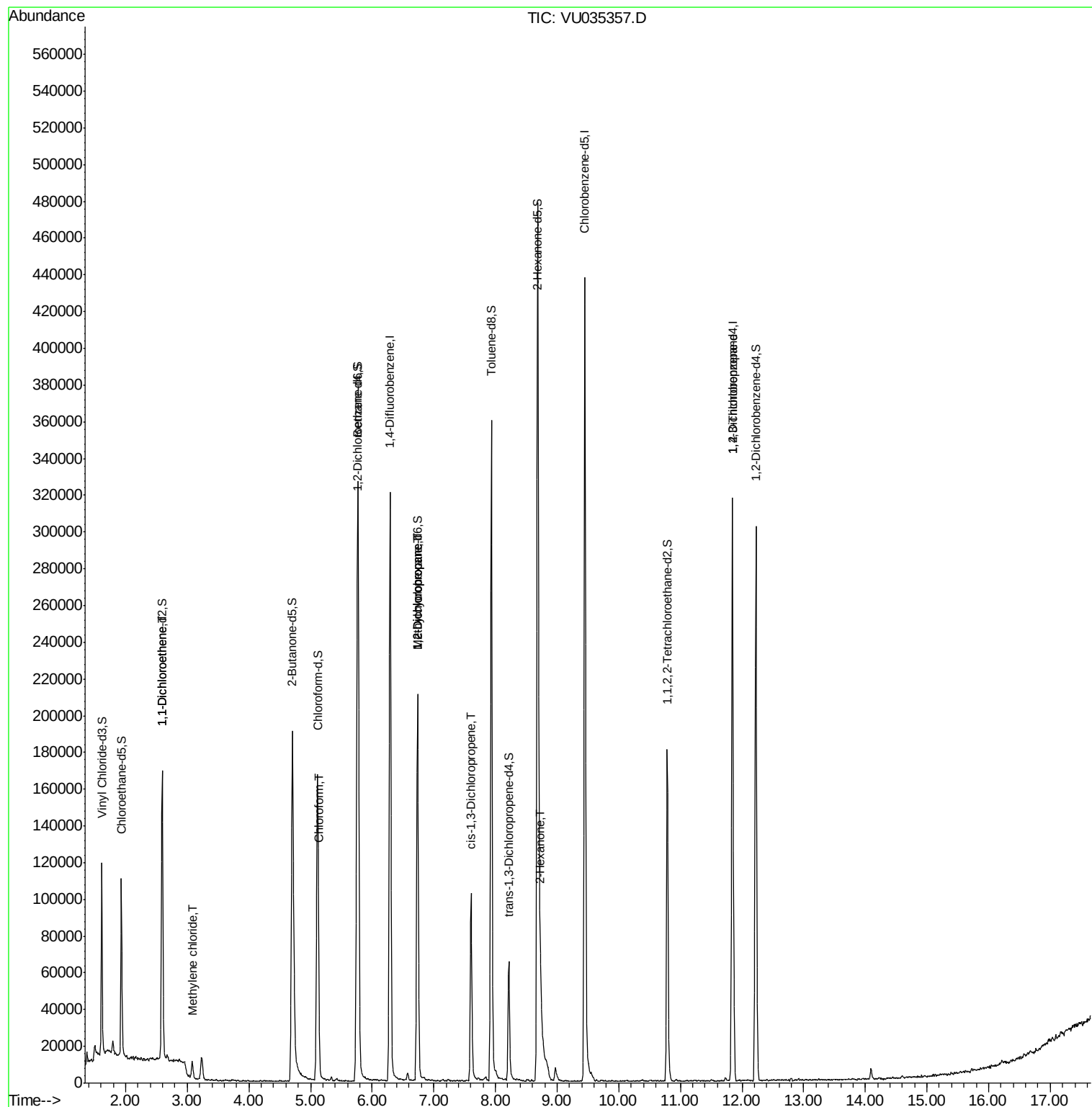
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1076	0.064 ug/L #	1
16) Methylene chloride	3.08	84	4323	0.215 ug/L	89
25) Chloroform	5.14	83	6437	0.180 ug/L	98
35) Methylcyclohexane	6.74	83	23248	0.681 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	10955	0.568 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2684	0.083 ug/L #	48
48) 2-Hexanone	8.73	43	11331	1.240 ug/L #	79
59) 1,2,3-Trichloropropane	11.84	75	11436	0.850 ug/L	90

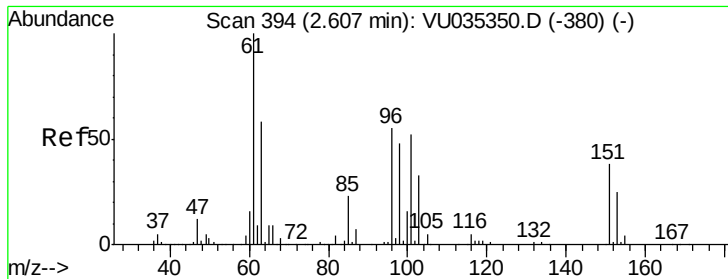
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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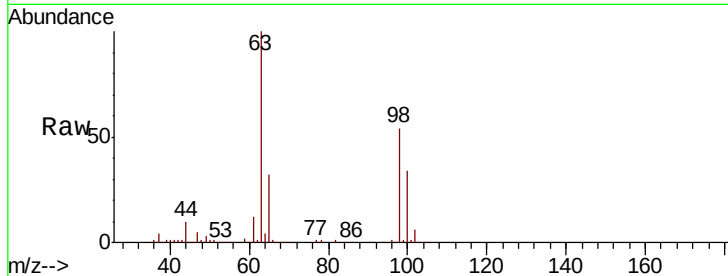




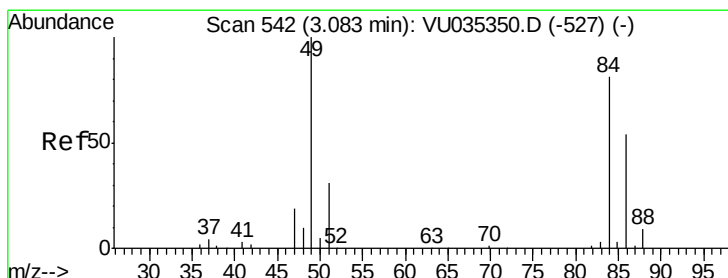
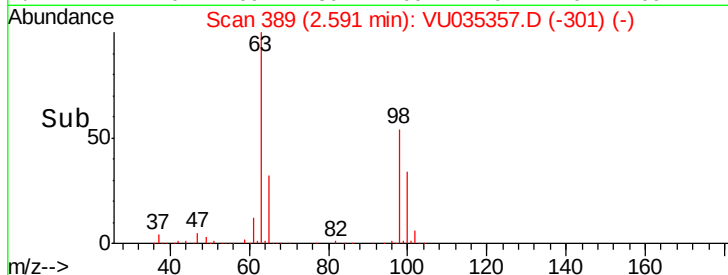
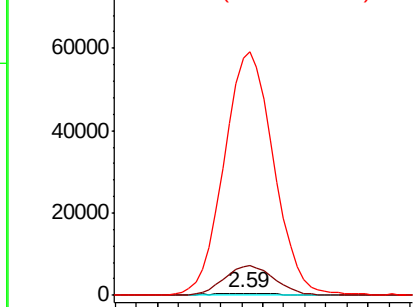
#12
 1,1-Dichloroethene
 Concen: 0.064 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035357.D
 Acq: 22 Oct 2019 12:03

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1076
 Ion Ratio Lower Upper
 96 100
 61 1367.7 120.6 224.0#
 63 11147.4 86.8 161.2#

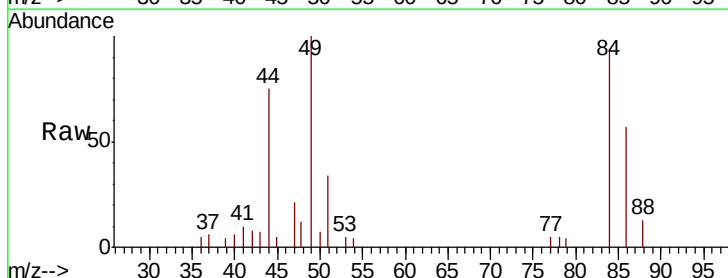


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

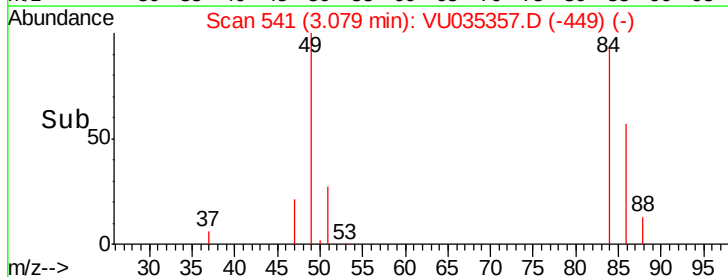
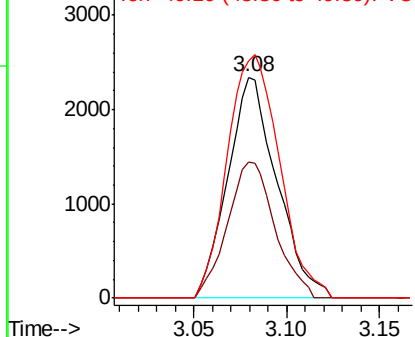


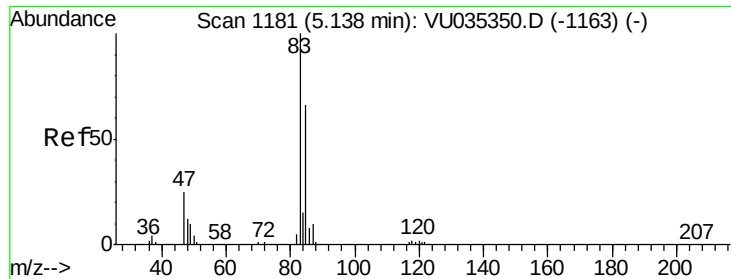
#16
 Methylene chloride
 Concen: 0.215 ug/L
 RT: 3.08 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: VU035357.D
 Acq: 22 Oct 2019 12:03

Tgt Ion: 84 Resp: 4323
 Ion Ratio Lower Upper
 84 100
 86 61.4 45.4 84.2
 49 107.6 86.8 161.2



Abundance Ion 84.05 (83.75 to 84.75): VU0
 Ion 86.00 (85.70 to 86.70): VU0
 Ion 49.10 (48.80 to 49.80): VU0

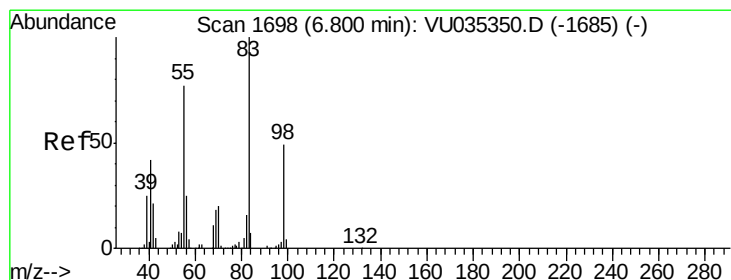
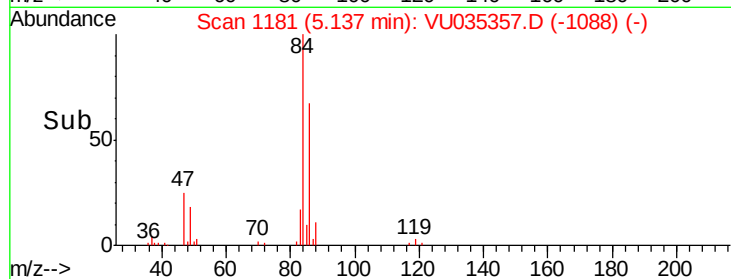
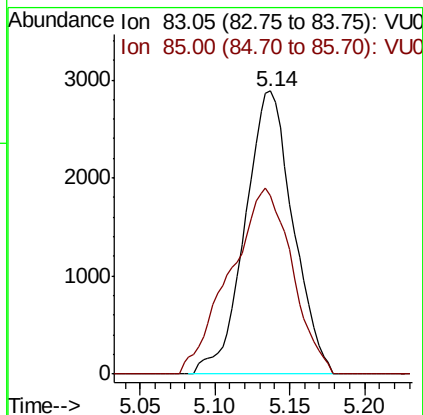
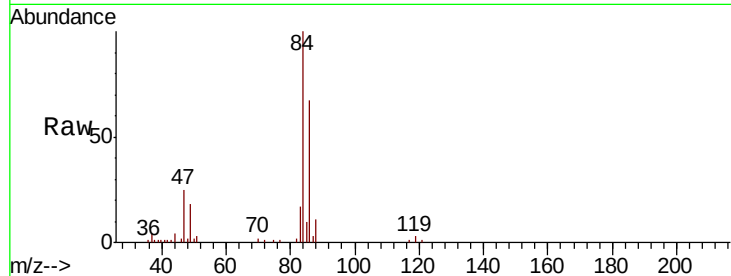




#25
Chloroform
Concen: 0.180 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035357.D
Acq: 22 Oct 2019 12:03

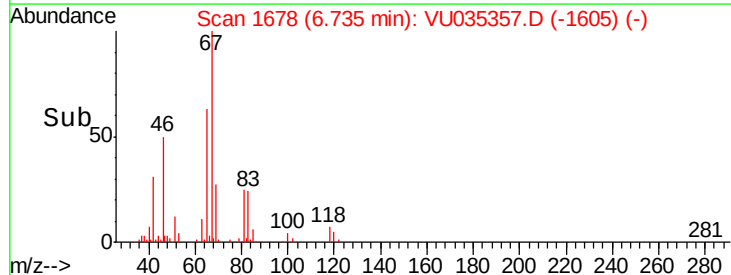
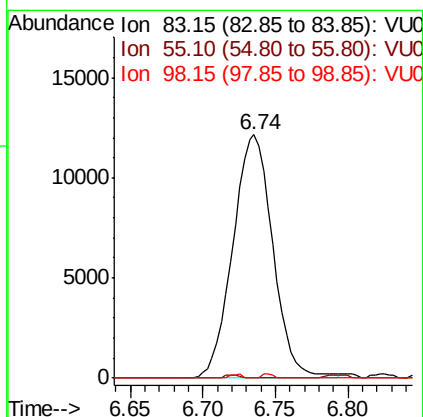
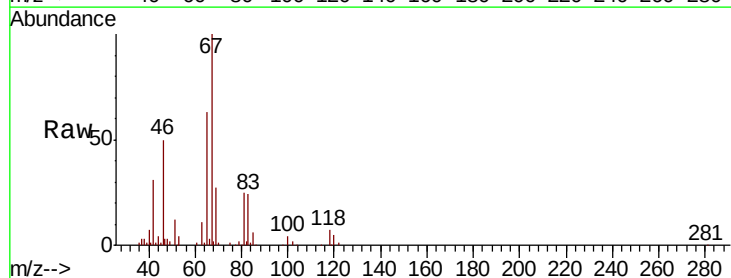
Instrument :
MSVOA_U
ClientSampleId :

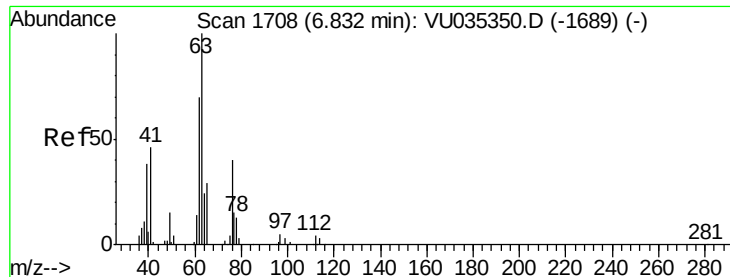
Tot Ion: 83 Resp: 6437
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.9



#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035357.D
Acq: 22 Oct 2019 12:03

Tgt Ion: 83 Resp: 23248
Ion Ratio Lower Upper
83 100
55 0.7 60.4 90.6#
98 0.5 39.5 59.3#

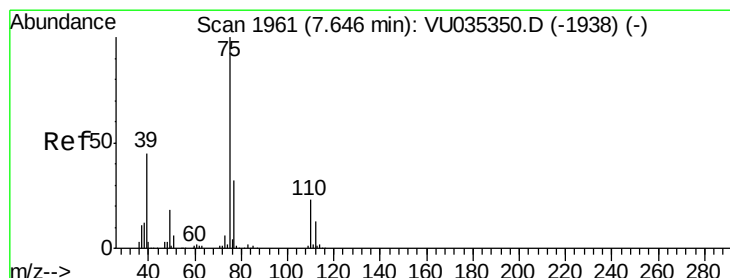
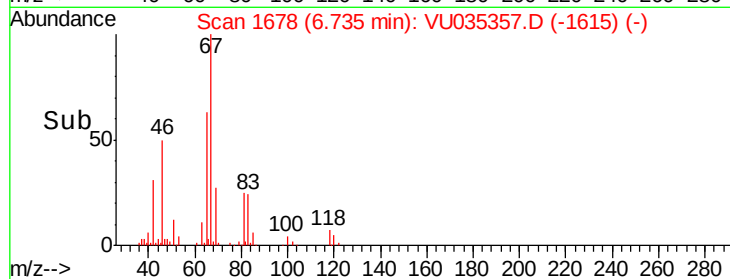
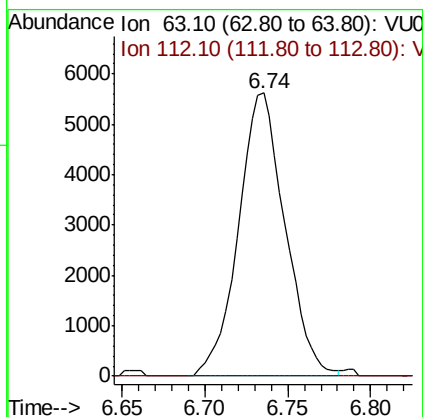
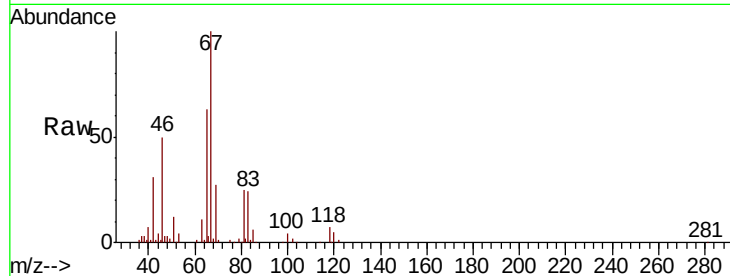




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035357.D
 Acq: 22 Oct 2019 12:03

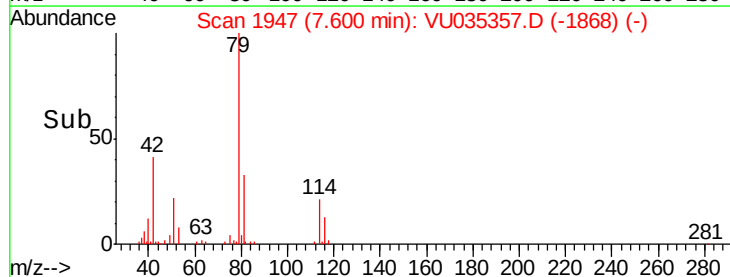
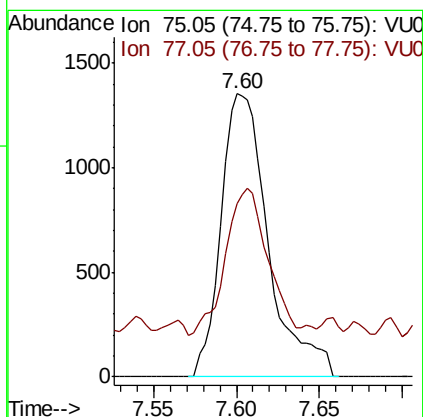
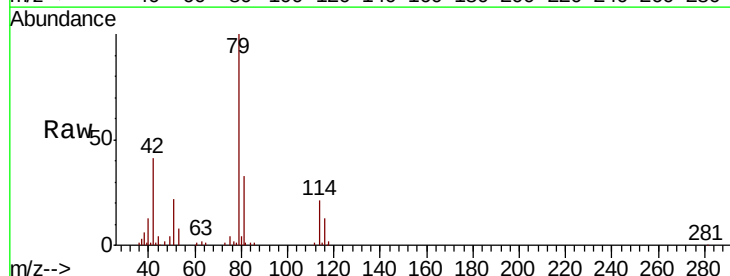
Instrument :
 MSVOA_U
 ClientSampleId :

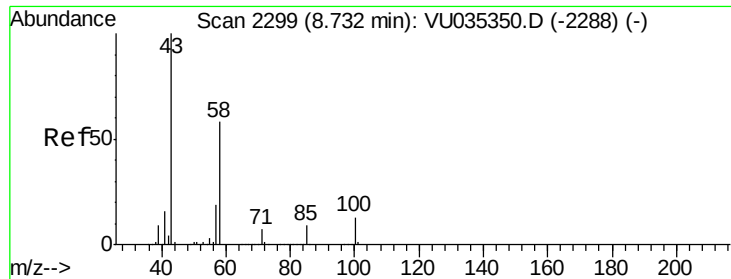
Tot Ion: 63 Resp: 10955
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU035357.D
 Acq: 22 Oct 2019 12:03

Tgt Ion: 75 Resp: 2684
 Ion Ratio Lower Upper
 75 100
 77 61.4 22.7 42.1#

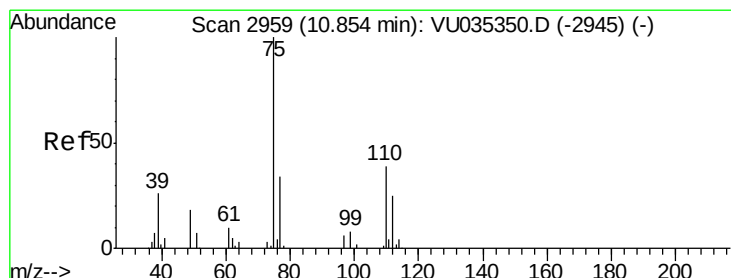
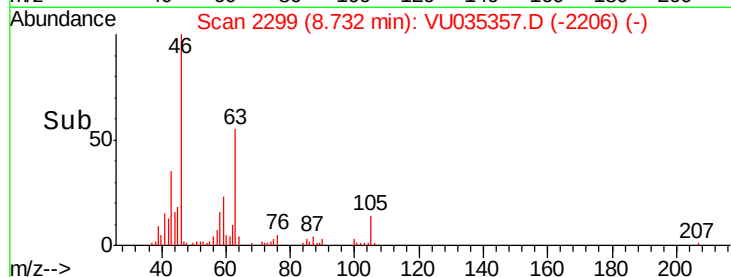
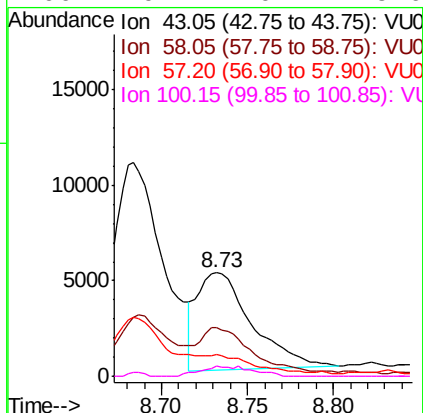
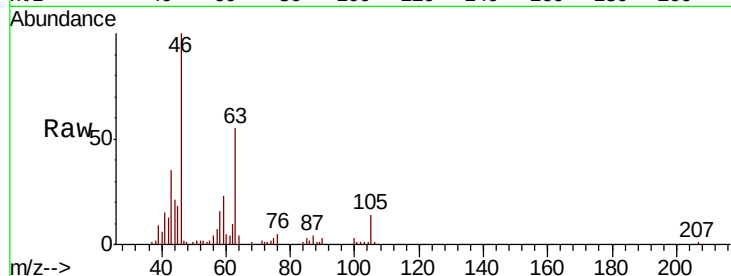




#48
2-Hexanone
Concen: 1.240 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035357.D
Acq: 22 Oct 2019 12:03

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 11331
Ion Ratio Lower Upper
43 100
58 44.7 45.1 67.7#
57 0.0 16.0 24.0#
100 9.4 10.4 15.6#



#59
1,2,3-Trichloropropane
Concen: 0.850 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035357.D
Acq: 22 Oct 2019 12:03

Tgt Ion: 75 Resp: 11436
Ion Ratio Lower Upper
75 100
77 38.1 26.2 39.2

