

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035815.D
 Acq On : 22 Nov 2019 11:43
 Operator : JC/SP
 Sample : VU1122WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:16:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 00:14:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	237321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	278772	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	102666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140208	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.93	69	129336	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	63	201118	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.71	46	357287	49.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.60%
24) Chloroform-d	5.11	84	244565	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.75	65	146964	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.77	84	451958	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.73	67	166507	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	359380	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.20%
43) trans-1,3-Dichloropropene-	8.22	79	55391	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.69	63	217135	38.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.48%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	135121	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	105673	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

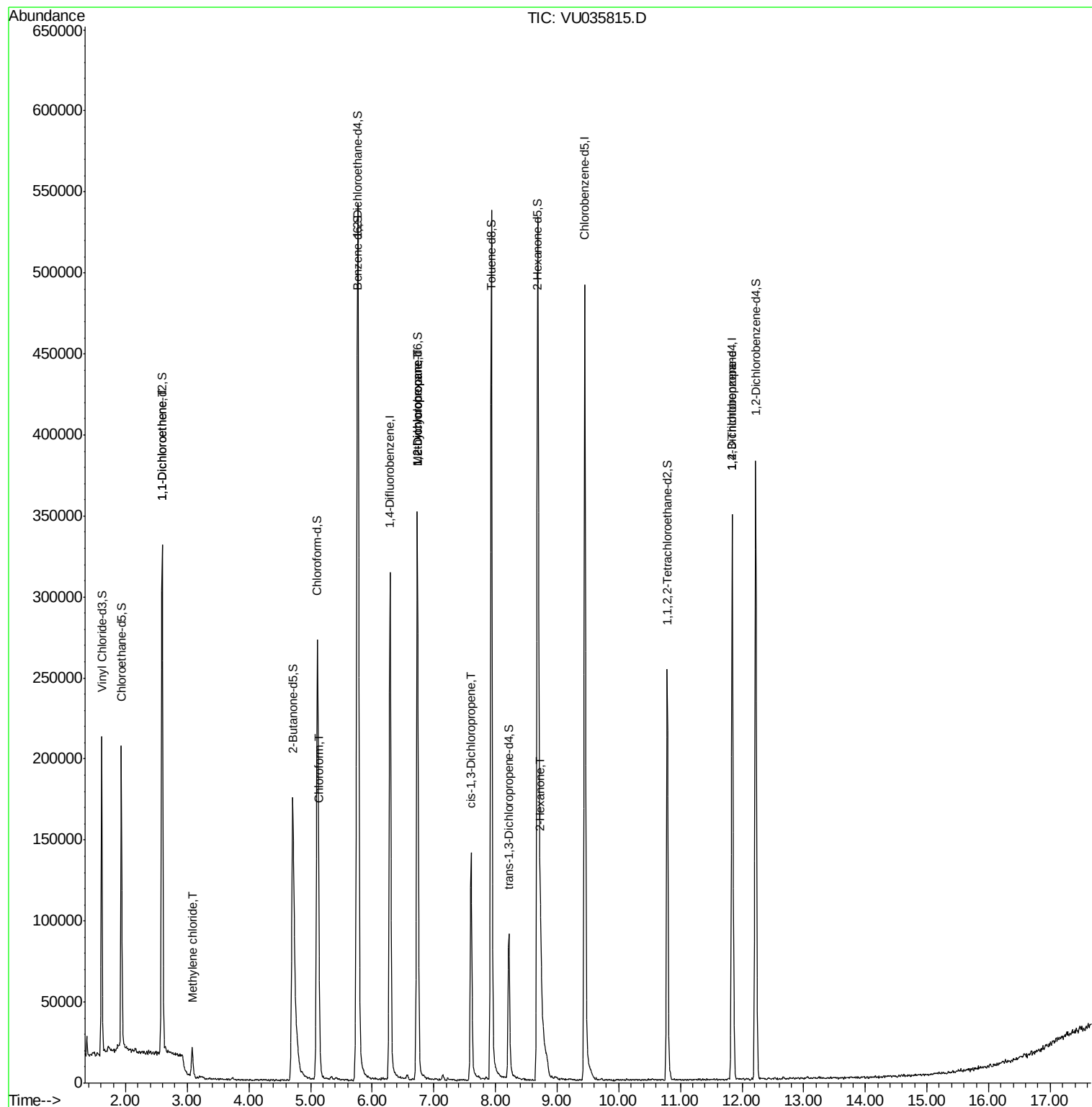
					Ovalue
12) 1,1-Dichloroethene	2.59	96	1731	0.070 ug/L #	1
16) Methylene chloride	3.08	84	7920	0.265 ug/L	93
25) Chloroform	5.14	83	31907	0.600 ug/L	92
35) Methylcyclohexane	6.73	83	36653	0.875 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	17590	0.533 ug/L #	90
39) cis-1,3-Dichloropropene	7.60	75	3895	0.091 ug/L #	43
48) 2-Hexanone	8.73	43	22627	1.517 ug/L #	94
59) 1,2,3-Trichloropropane	11.84	75	13905	0.648 ug/L #	87

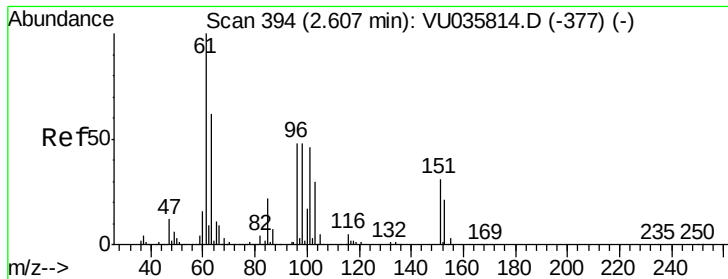
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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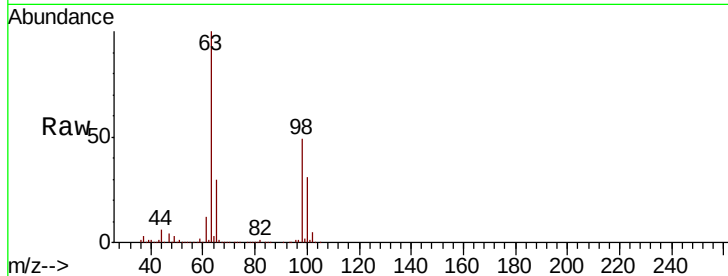




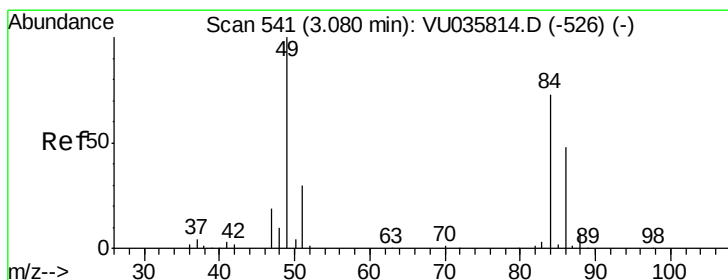
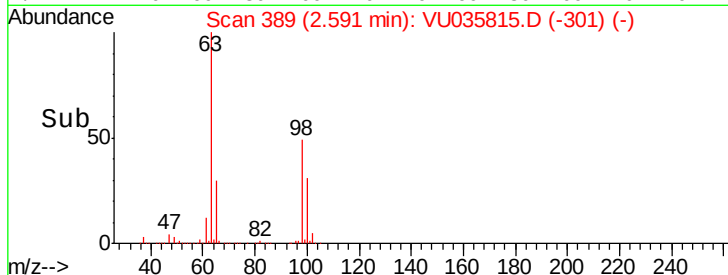
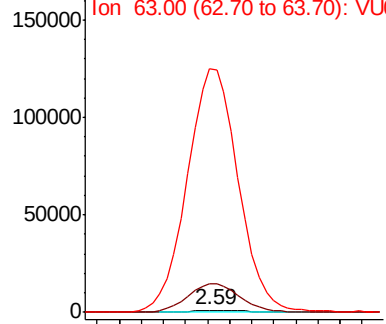
#12
 1,1-Dichloroethene
 Concen: 0.070 ug/L
 RT: 2.59 min Scan# 389
 Delta R.T. -0.02 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 96 Resp: 1731
 Ion Ratio Lower Upper
 96 100
 61 1447.8 139.3 258.7#
 63 12185.8 93.7 174.1#

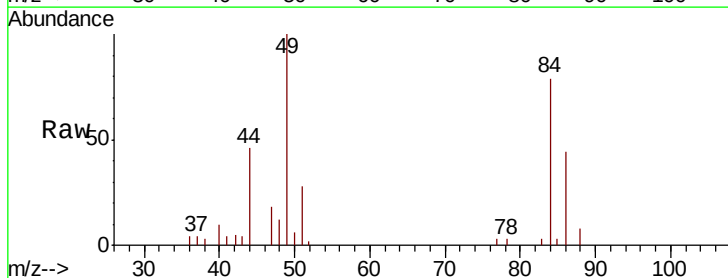


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

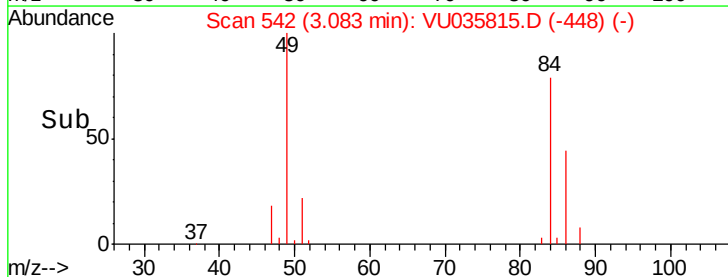
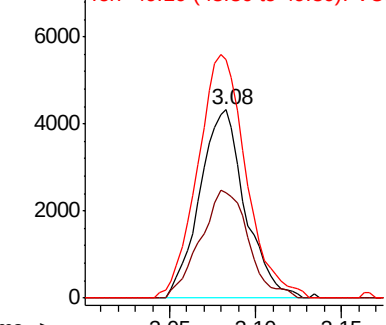


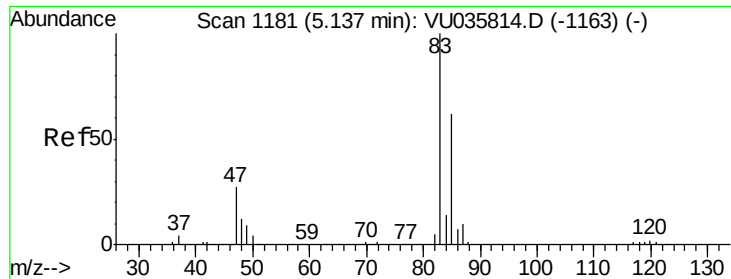
#16
 Methylene chloride
 Concen: 0.265 ug/L
 RT: 3.08 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 84 Resp: 7920
 Ion Ratio Lower Upper
 84 100
 86 56.1 44.4 82.5
 49 126.5 94.0 174.6



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

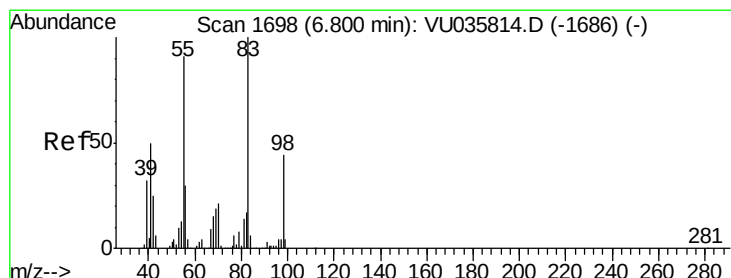
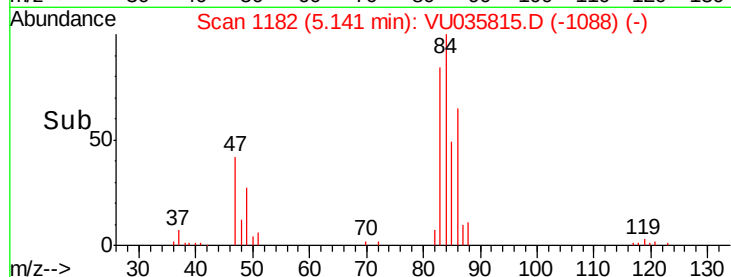
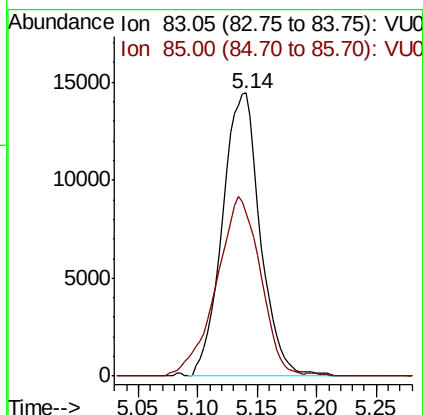
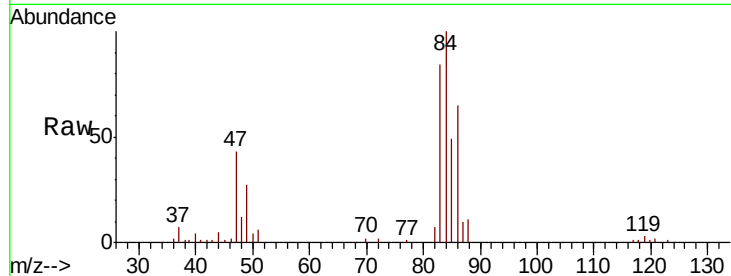




#25
Chloroform
Concen: 0.600 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035815.D
Acq: 22 Nov 2019 11:43

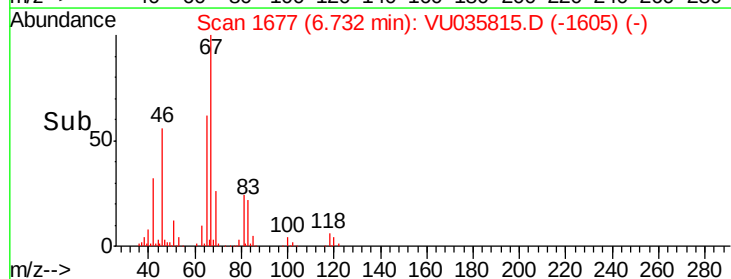
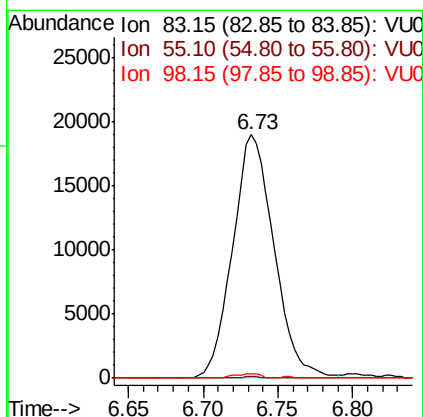
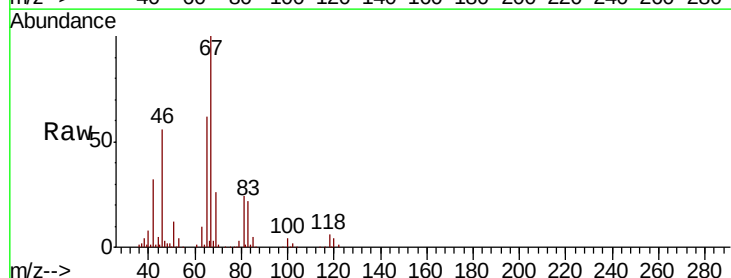
Instrument :
MSVOA_U
ClientSampleId :

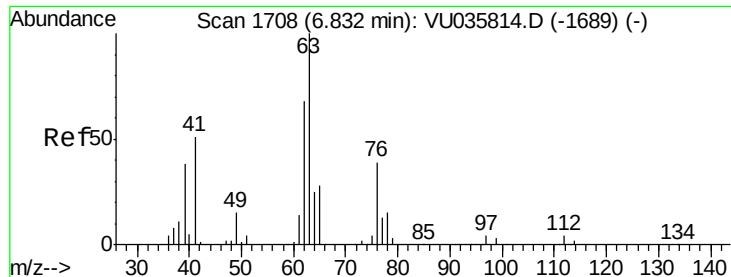
Tot Ion: 83 Resp: 31907
Ion Ratio Lower Upper
83 100
85 57.7 44.6 82.8



#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035815.D
Acq: 22 Nov 2019 11:43

Tgt Ion: 83 Resp: 36653
Ion Ratio Lower Upper
83 100
55 0.2 72.7 109.1#
98 1.1 36.2 54.4#

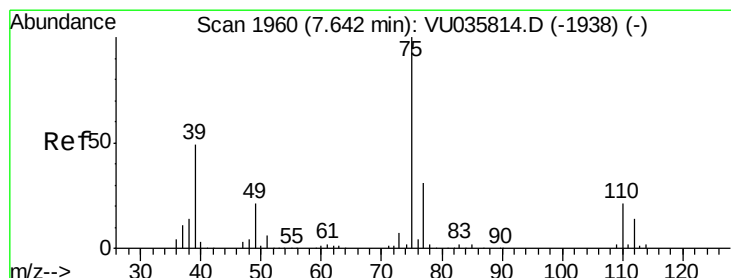
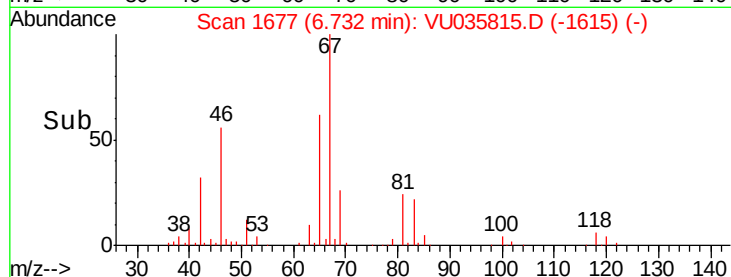
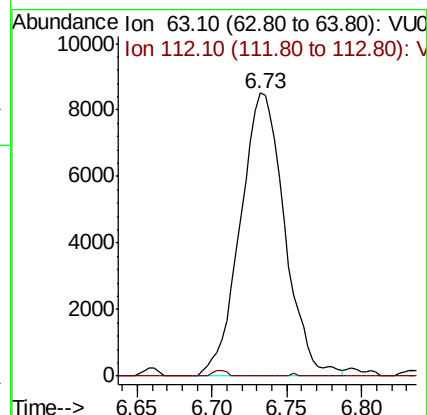
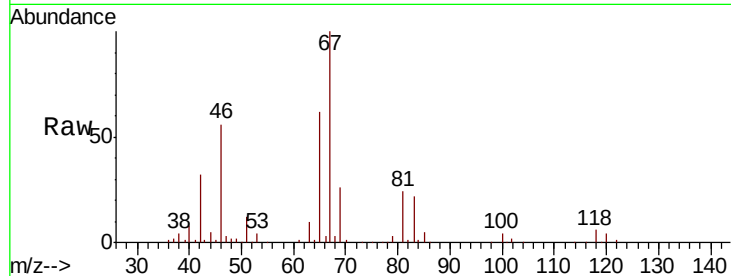




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

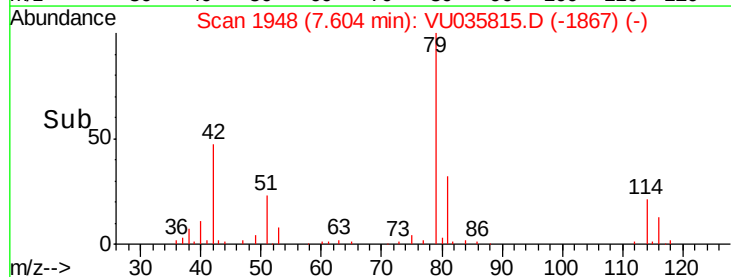
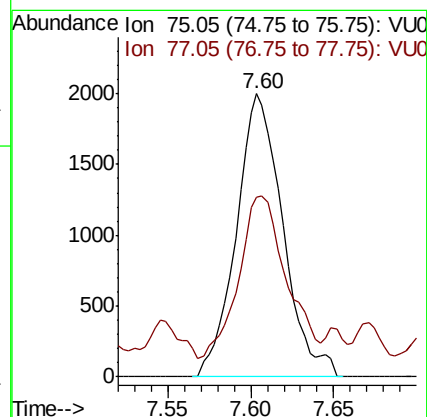
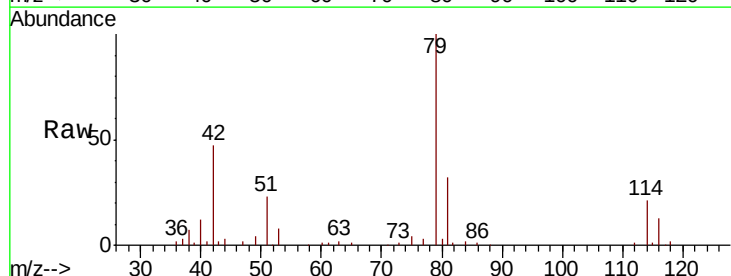
Instrument :
 MSVOA_U
 ClientSampleId :

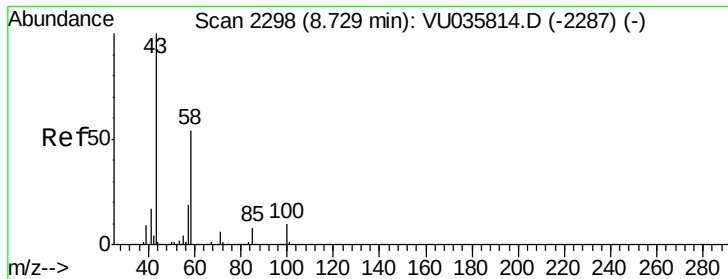
Tot Ion: 63 Resp: 17590
 Ion Ratio Lower Upper
 63 100
 112 0.1 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 75 Resp: 3895
 Ion Ratio Lower Upper
 75 100
 77 63.5 22.1 41.1#

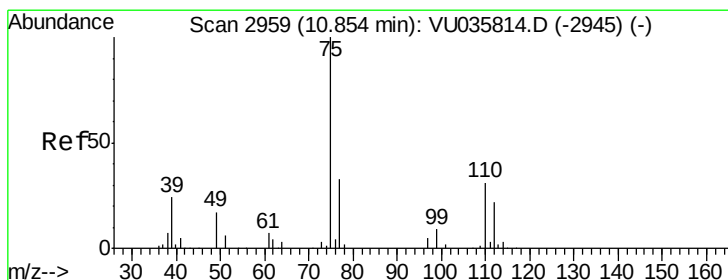
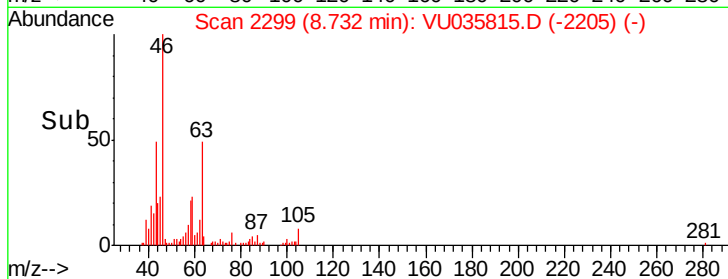
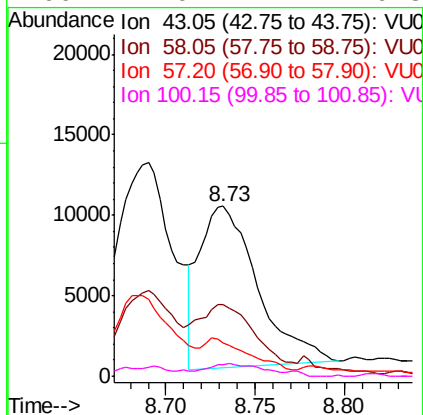
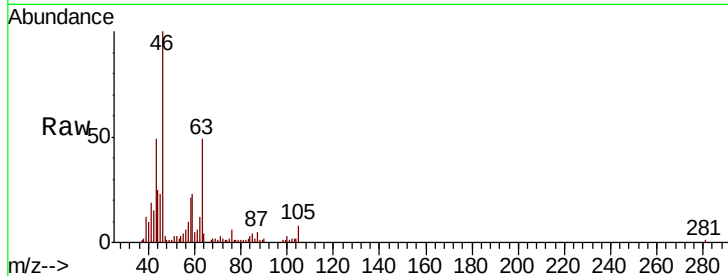




#48
 2-Hexanone
 Concen: 1.517 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 22627
 Ion Ratio Lower Upper
 43 100
 58 43.8 39.8 59.8
 57 17.7 14.0 21.0
 100 7.0 7.2 10.8#



#59
 1,2,3-Trichloropropane
 Concen: 0.648 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.98 min
 Lab File: VU035815.D
 Acq: 22 Nov 2019 11:43

Tgt Ion: 75 Resp: 13905
 Ion Ratio Lower Upper
 75 100
 77 39.2 25.4 38.2#

