

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\
 Data File : VU035816.D
 Acq On : 22 Nov 2019 12:21
 Operator : JC/SP
 Sample : K5930-16 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 00:16:54 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	281733	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	330686	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	123140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	112968	3.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.40%
7) Chloroethane-d5	1.93	69	104485	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	2.59	63	167090	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	4.70	46	283207	33.25	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.50%
24) Chloroform-d	5.11	84	193357	3.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.00%#
26) 1,2-Dichloroethane-d4	5.75	65	115155	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.80%#
32) Benzene-d6	5.77	84	370356	2.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.80%#
36) 1,2-Dichloropropane-d6	6.73	67	134235	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.20%
41) Toluene-d8	7.93	98	286462	2.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.20%#
43) trans-1,3-Dichloropropene-	8.22	79	42118	2.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	50.80%#
46) 2-Hexanone-d5	8.68	63	163530	24.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	49.20%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	105290	2.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.80%#
64) 1,2-Dichlorobenzene-d4	12.22	152	87180	3.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.20%#

Target Compounds

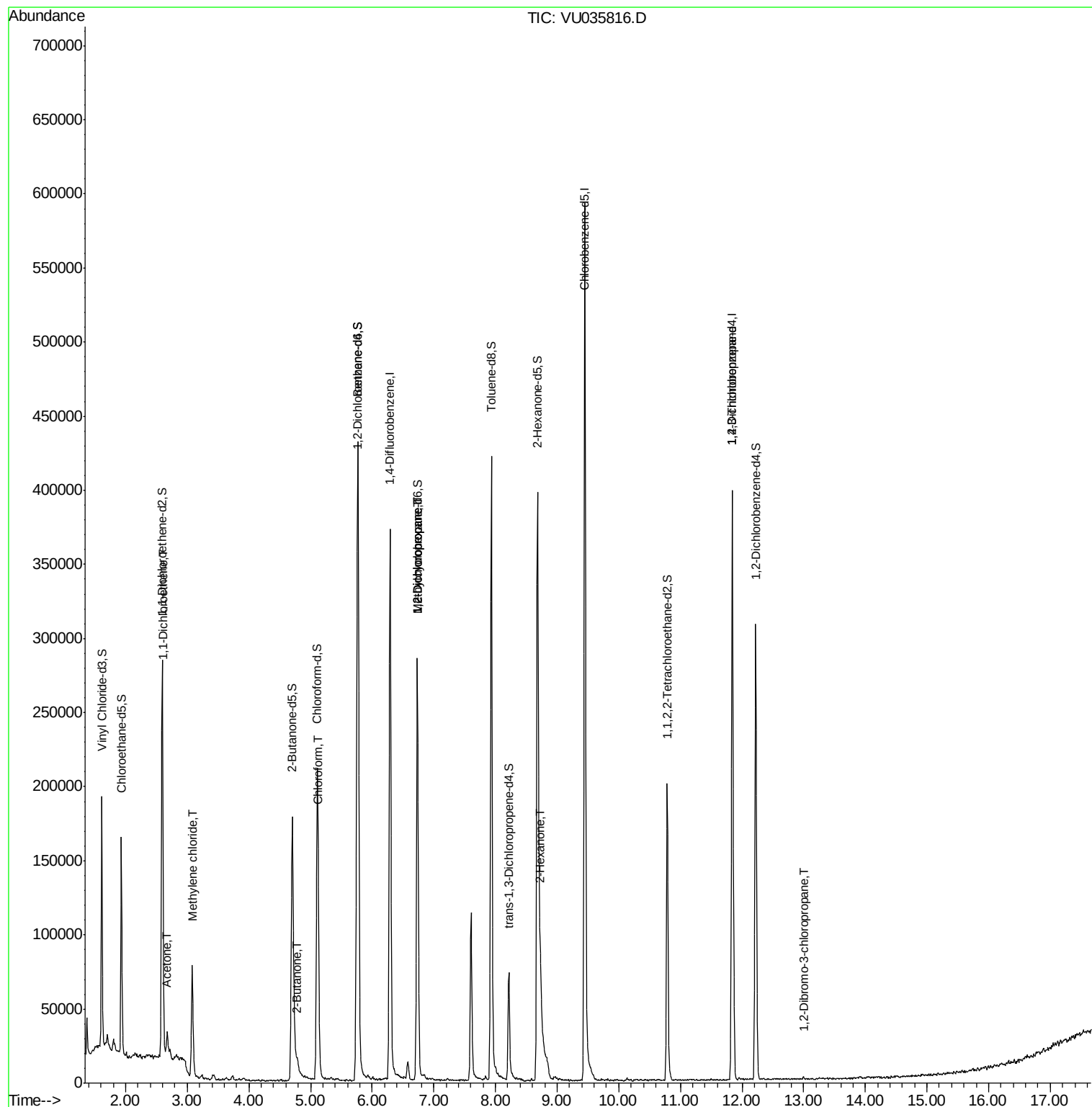
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.61	96	11718	0.400	ug/L #	1
13) Acetone	2.67	43	18302	2.447	ug/L	97
16) Methylene chloride	3.08	84	34240	0.967	ug/L	96
21) 2-Butanone	4.78	43	11725	1.239	ug/L	95
25) Chloroform	5.13	83	14497	0.230	ug/L	84
35) Methylcyclohexane	6.73	83	31450	0.633	ug/L #	13
37) 1,2-Dichloropropane	6.73	63	14874	0.380	ug/L #	91
48) 2-Hexanone	8.73	43	17380	0.982	ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	15907	0.625	ug/L #	84
66) 1,2-Dibromo-3-chloropropan	12.99	75	482	0.138	ug/L #	10

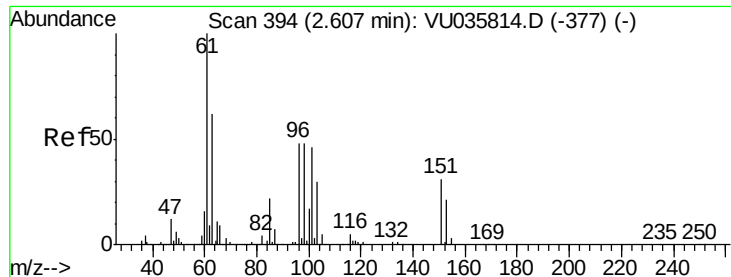
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112219\
Data File : VU035816.D
Acq On : 22 Nov 2019 12:21
Operator : JC/SP
Sample : K5930-16 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 23 00:16:54 2019
Quant Method : Z:\V0ASRV\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

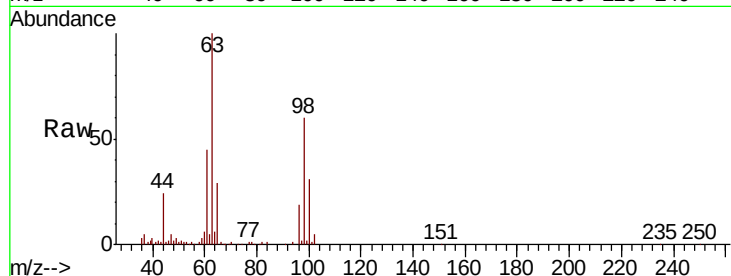




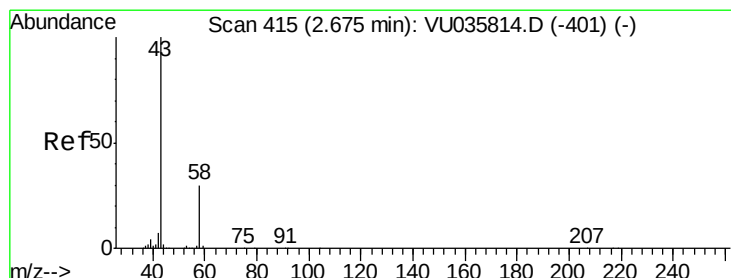
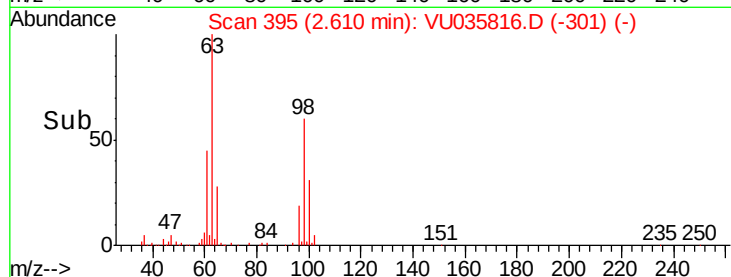
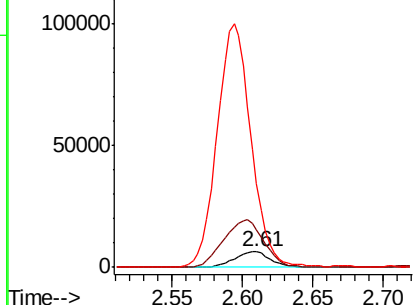
#12
 1,1-Dichloroethene
 Concen: 0.400 ug/L
 RT: 2.61 min Scan# 395
 Delta R.T. 0.00 min
 Lab File: VU035816.D
 Acq: 22 Nov 2019 12:21

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 11718
 Ion Ratio Lower Upper
 96 100
 61 241.8 139.3 258.7
 63 537.1 93.7 174.1#

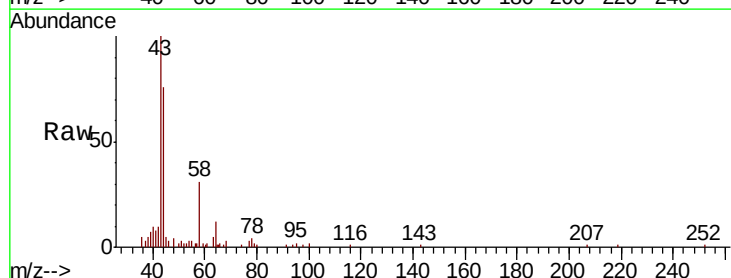


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 63.00 (62.70 to 63.70): VU0

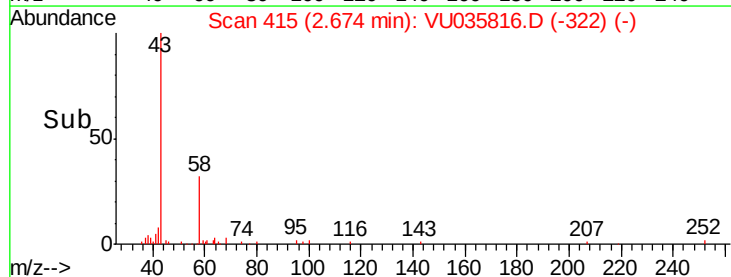
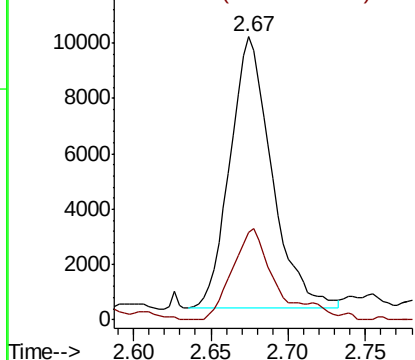


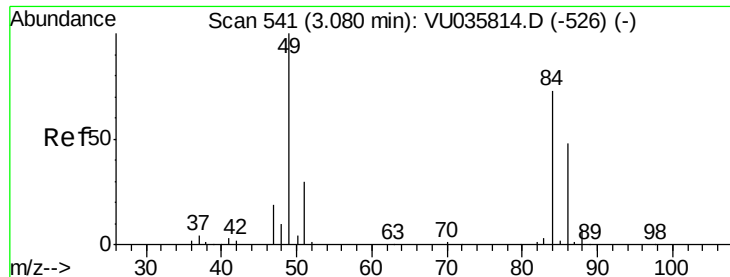
#13
 Acetone
 Concen: 2.447 ug/L
 RT: 2.67 min Scan# 415
 Delta R.T. -0.00 min
 Lab File: VU035816.D
 Acq: 22 Nov 2019 12:21

Tgt Ion: 43 Resp: 18302
 Ion Ratio Lower Upper
 43 100
 58 32.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0

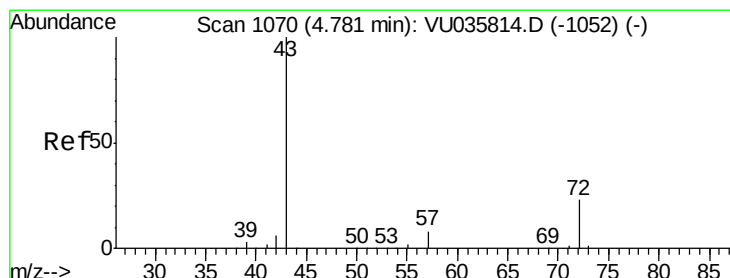
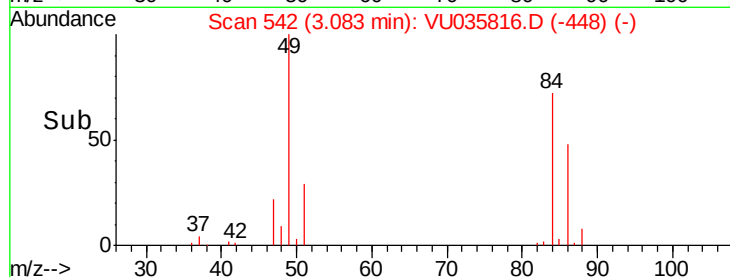
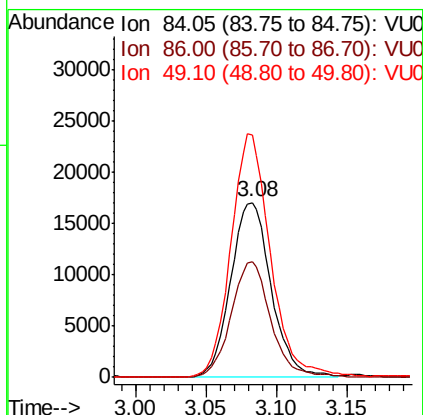
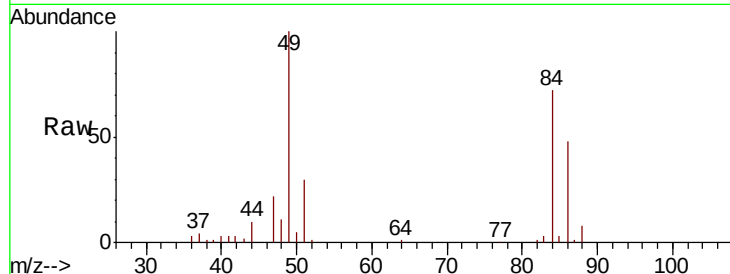




#16
Methylene chloride
Concen: 0.967 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035816.D
Acq: 22 Nov 2019 12:21

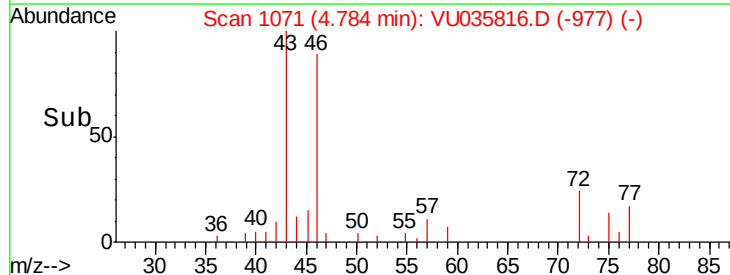
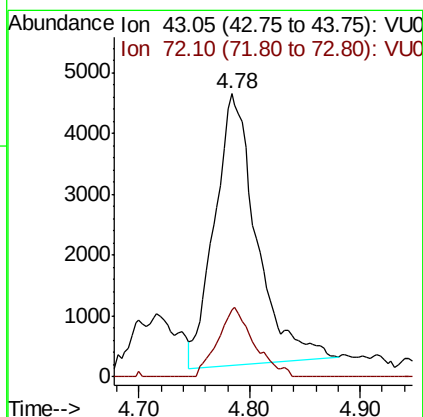
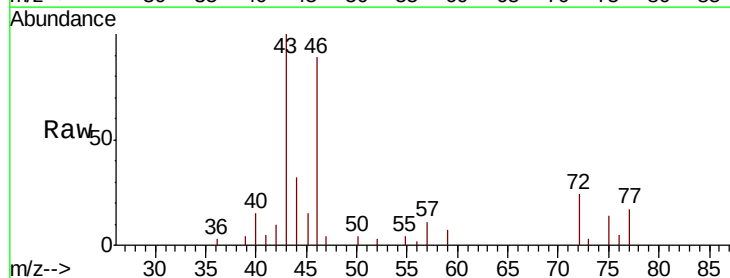
Instrument :
MSVOA_U
ClientSampleId :

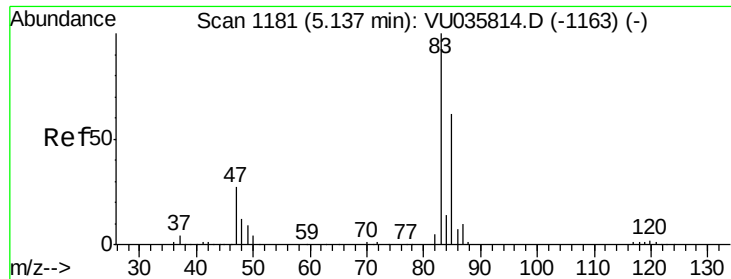
Tot Ion: 84 Resp: 34240
Ion Ratio Lower Upper
84 100
86 66.5 44.4 82.5
49 138.6 94.0 174.6



#21
2-Butanone
Concen: 1.239 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. 0.00 min
Lab File: VU035816.D
Acq: 22 Nov 2019 12:21

Tgt Ion: 43 Resp: 11725
Ion Ratio Lower Upper
43 100
72 22.3 12.4 37.4

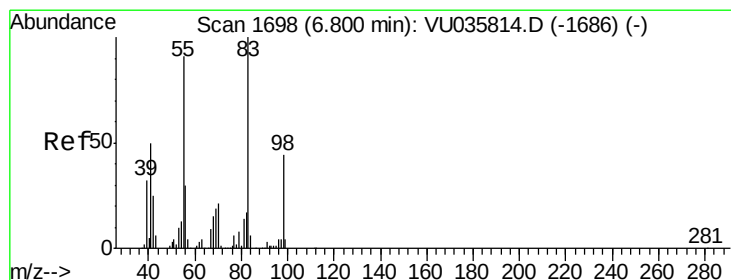
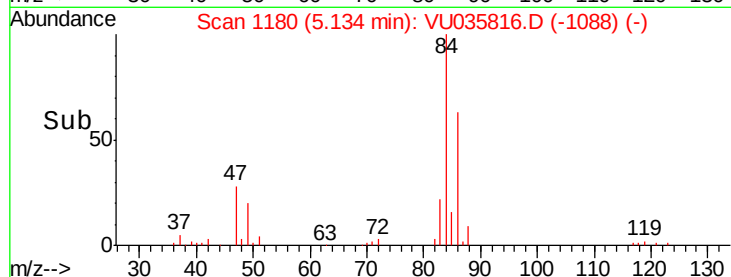
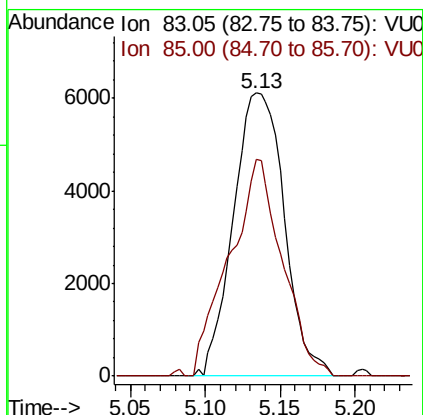
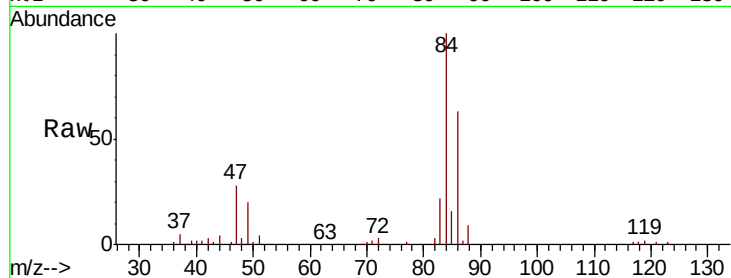




#25
Chloroform
Concen: 0.230 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU035816.D
Acq: 22 Nov 2019 12:21

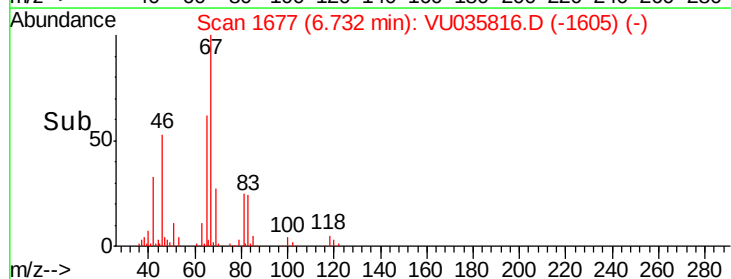
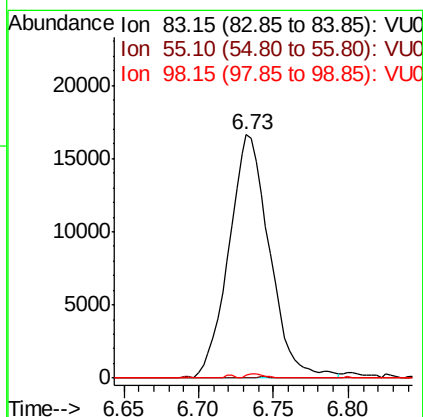
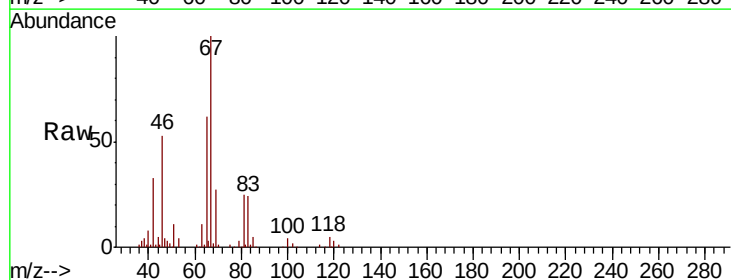
Instrument :
MSVOA_U
ClientSampleId :

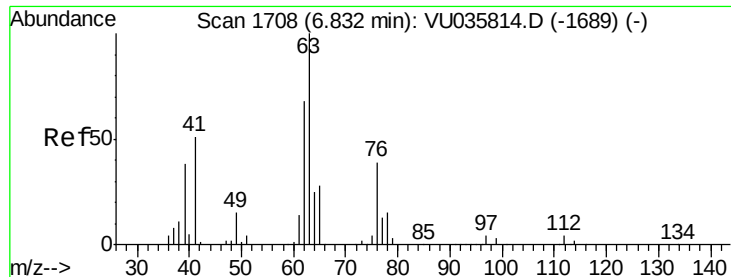
Tot Ion: 83 Resp: 14497
Ion Ratio Lower Upper
83 100
85 76.5 44.6 82.8



#35
Methylcyclohexane
Concen: 0.633 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035816.D
Acq: 22 Nov 2019 12:21

Tgt Ion: 83 Resp: 31450
Ion Ratio Lower Upper
83 100
55 0.1 72.7 109.1#
98 0.7 36.2 54.4#

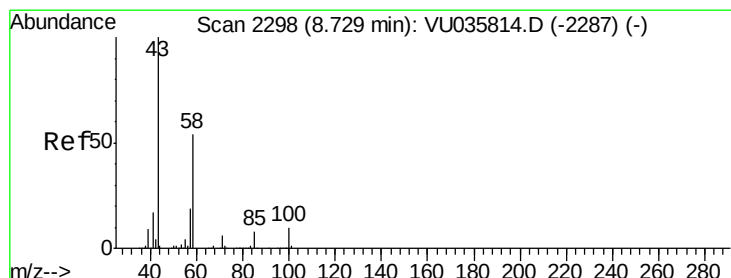
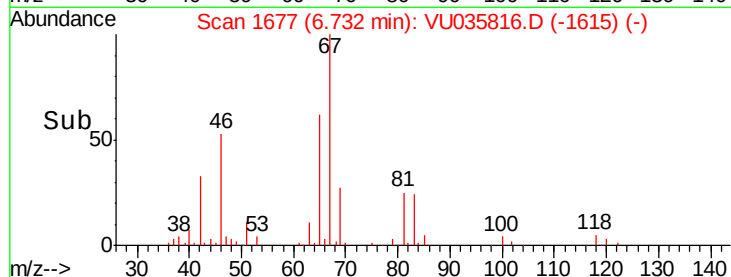
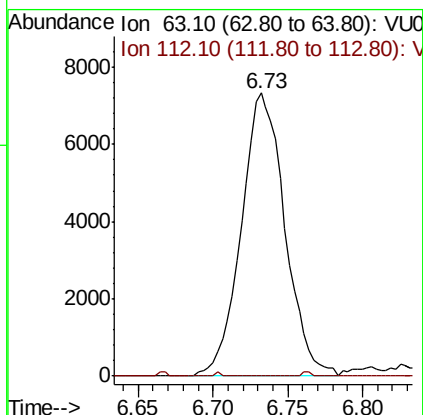
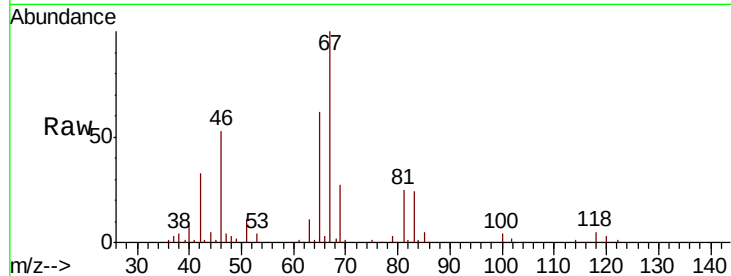




#37
 1,2-Dichloropropane
 Concen: 0.380 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU035816.D
 Acq: 22 Nov 2019 12:21

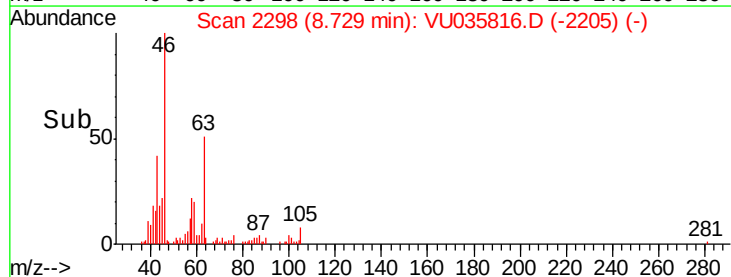
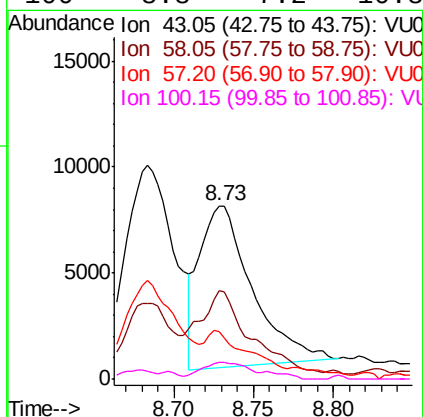
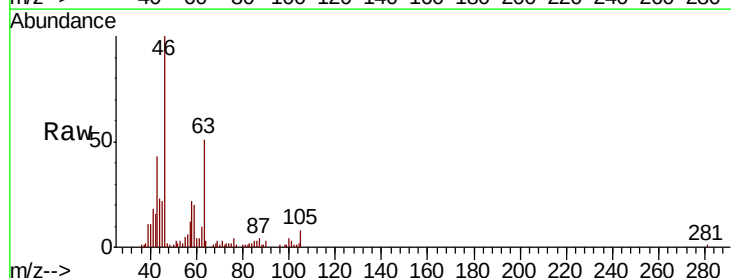
Instrument :
 MSVOA_U
 ClientSampleId :

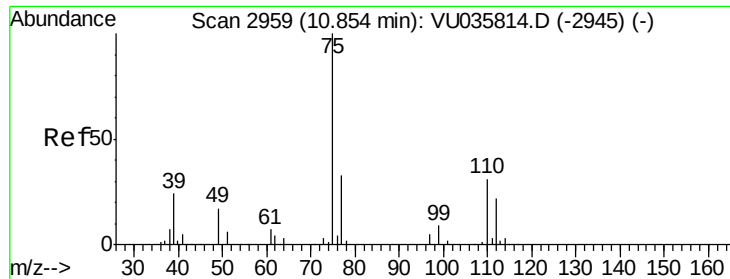
Tot Ion: 63 Resp: 14874
 Ion Ratio Lower Upper
 63 100
 112 0.3 2.7 4.1#



#48
 2-Hexanone
 Concen: 0.982 ug/L
 RT: 8.73 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VU035816.D
 Acq: 22 Nov 2019 12:21

Tgt Ion: 43 Resp: 17380
 Ion Ratio Lower Upper
 43 100
 58 50.7 39.8 59.8
 57 18.4 14.0 21.0
 100 8.8 7.2 10.8





#59

1,2,3-Trichloropropane

Concen: 0.625 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU035816.D

Acq: 22 Nov 2019 12:21

Instrument :

MSVOA_U

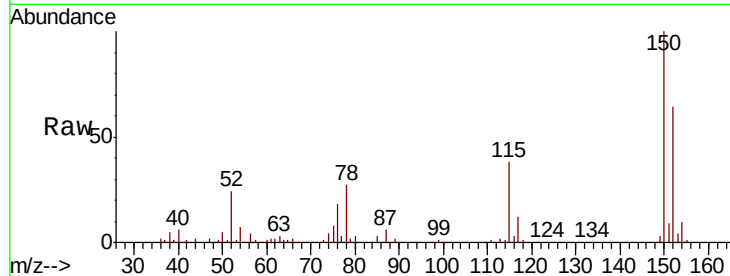
ClientSampleId :

Tot Ion: 75 Resp: 15907

Ion Ratio Lower Upper

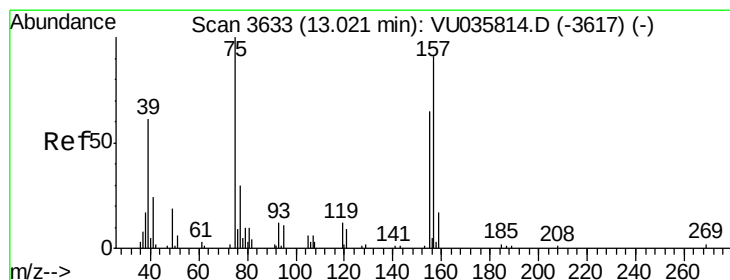
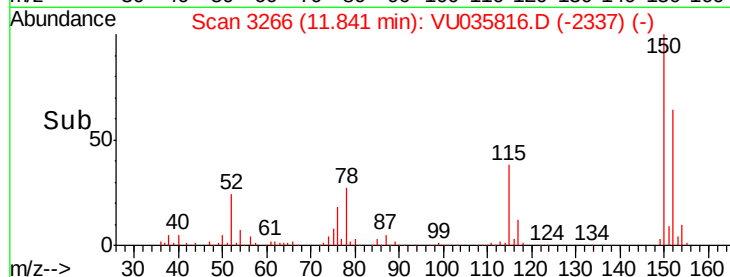
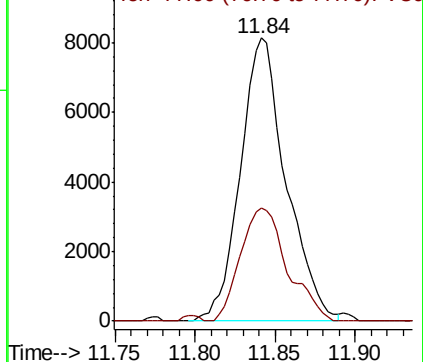
75 100

77 41.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.138 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU035816.D

Acq: 22 Nov 2019 12:21

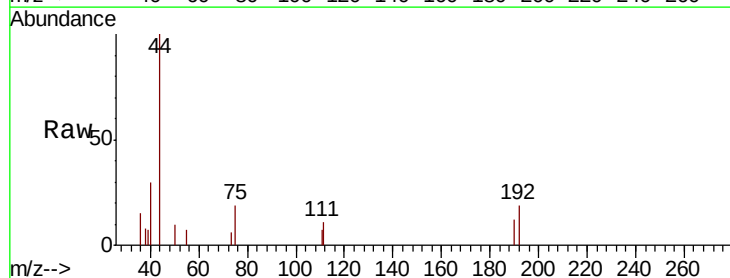
Tgt Ion: 75 Resp: 482

Ion Ratio Lower Upper

75 100

155 0.0 55.4 83.2#

157 0.0 69.4 104.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

