

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035898.D
 Acq On : 27 Nov 2019 15:45
 Operator : JC/SP
 Sample : K6083-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 04:57:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	198834	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	228832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	66944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	132975	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	124315	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.59	63	164440	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.69	46	249356	41.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.96%
24) Chloroform-d	5.11	84	218843	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.75	65	121835	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.77	84	427469	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.73	67	149382	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.93	98	335626	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	8.22	79	49981	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.69	63	218569	47.51	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	116734	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	80486	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

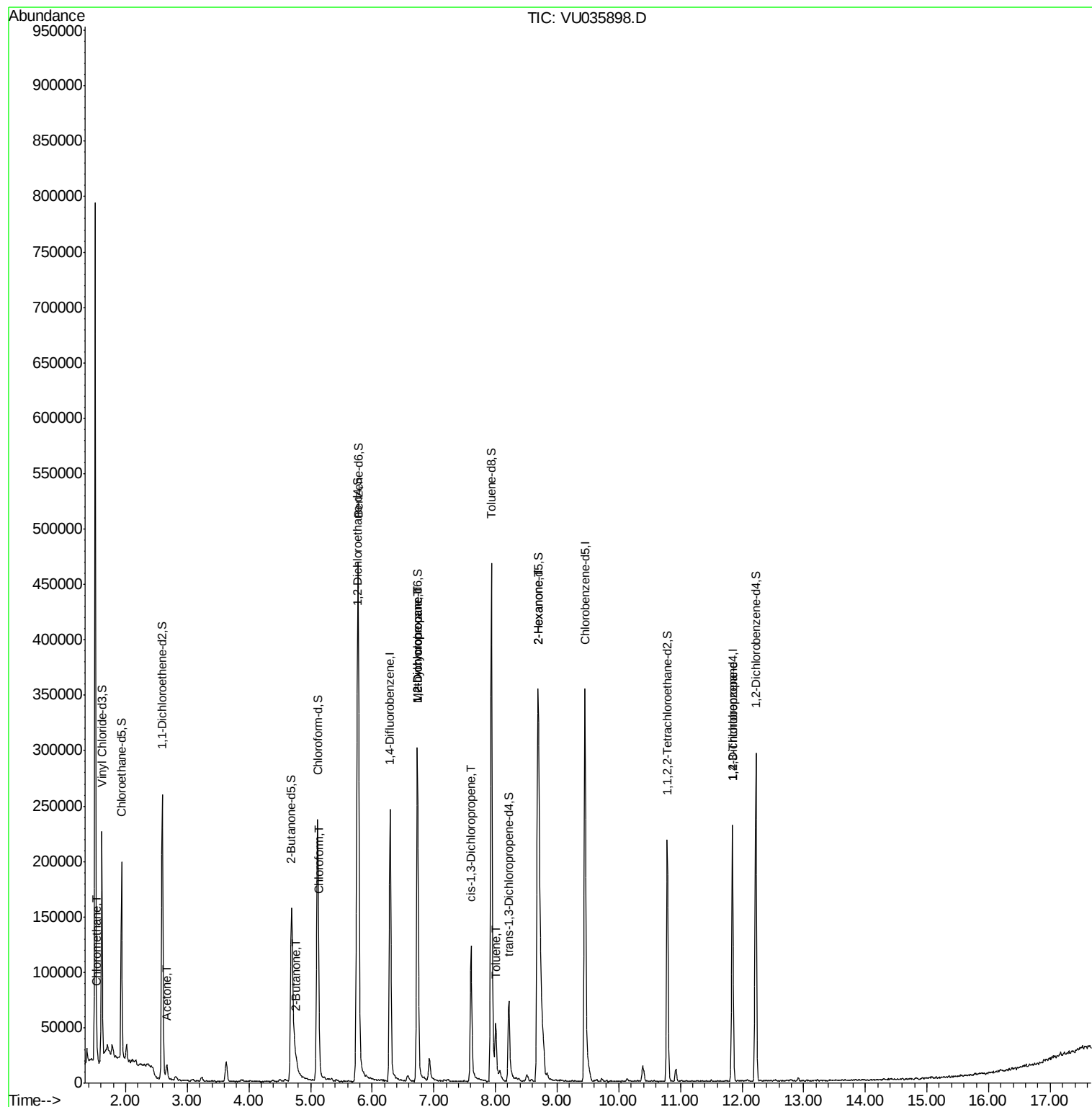
					Ovalue
3) Chloromethane	1.54	50	4452	0.134	ug/L 100
13) Acetone	2.67	43	15236	2.886	ug/L 97
21) 2-Butanone	4.77	43	14187	2.124	ug/L 85
25) Chloroform	5.14	83	12999	0.292	ug/L 94
35) Methylcyclohexane	6.74	83	32905	0.957	ug/L # 14
37) 1,2-Dichloropropane	6.73	63	15556	0.574	ug/L # 90
39) cis-1,3-Dichloropropene	7.60	75	3204	0.091	ug/L # 47
42) Toluene	8.00	91	32622	0.328	ug/L 89
48) 2-Hexanone	8.69	43	39114	3.194	ug/L # 67
59) 1,2,3-Trichloropropane	11.84	75	9428	0.535	ug/L 93

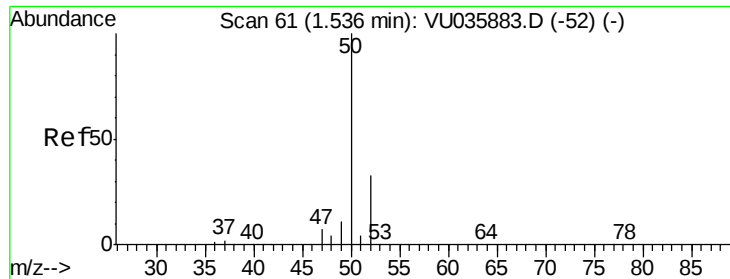
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU112719\
Data File : VU035898.D
Acq On : 27 Nov 2019 15:45
Operator : JC/SP
Sample : K6083-04
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:01:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.54 min Scan# 62

Delta R.T. 0.00 min

Lab File: VU035898.D

Acq: 27 Nov 2019 15:45

Instrument :

MSVOA_U

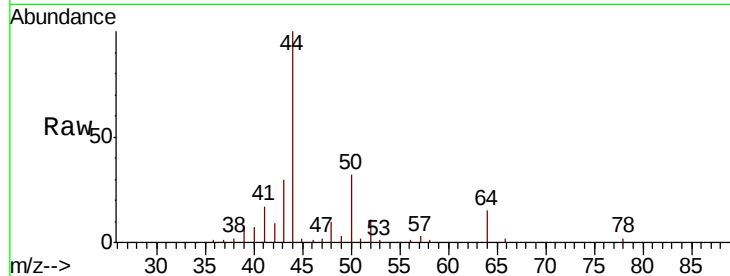
ClientSampleId :

Tot Ion: 50 Resp: 4452

Ion Ratio Lower Upper

50 100

52 32.6 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035898.D (-52) (-)

Ion 52.05 (51.75 to 52.75): VU035898.D (-52) (-)

6000

5000

4000

3000

2000

1000

0

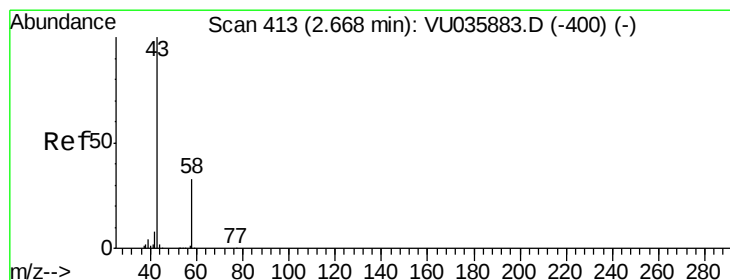
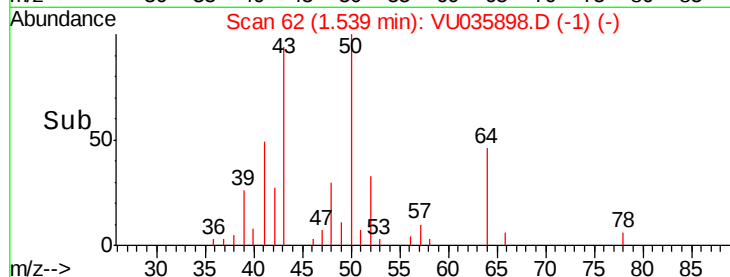
1.52

1.54

1.56

1.58

Time-->



#13

Acetone

Concen: 2.886 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU035898.D

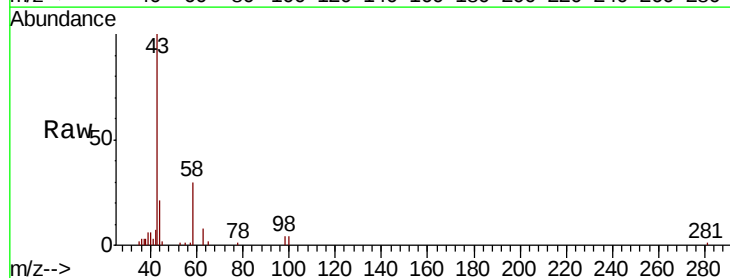
Acq: 27 Nov 2019 15:45

Tgt Ion: 43 Resp: 15236

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.2



Abundance Ion 43.05 (42.75 to 43.75): VU035898.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU035898.D (-400) (-)

8000

6000

4000

2000

0

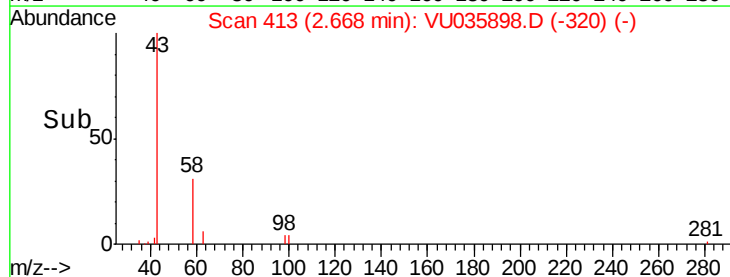
2.60

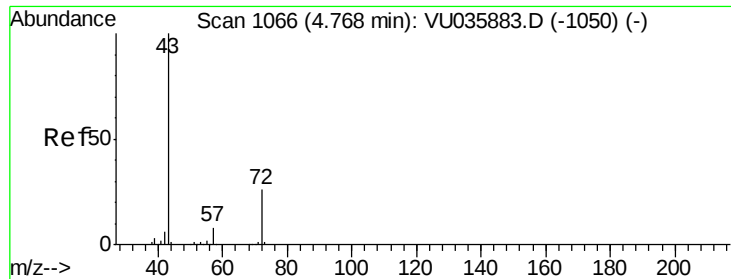
2.65

2.70

2.75

Time-->

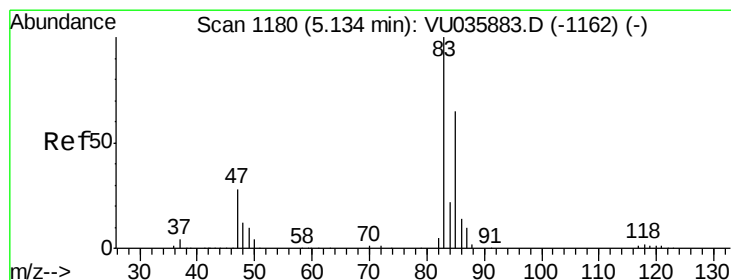
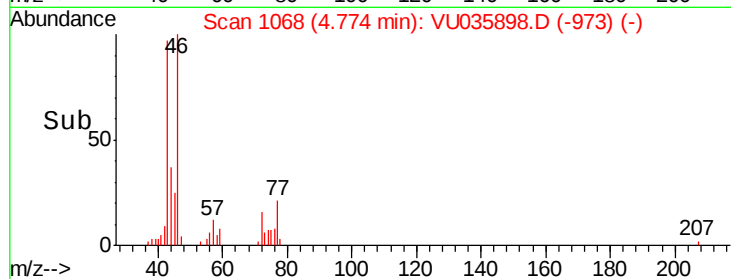
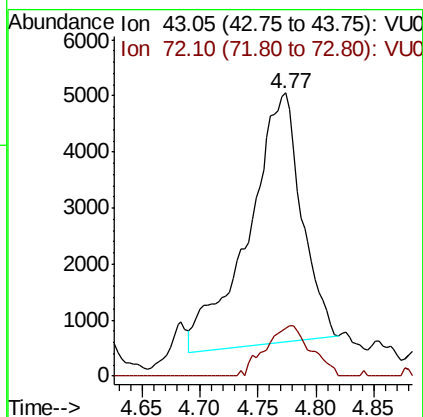
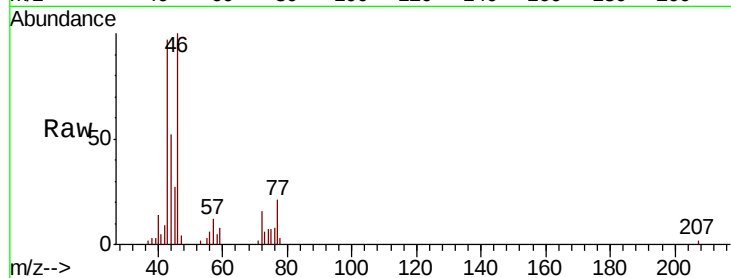




#21
2-Butanone
Concen: 2.124 ug/L
RT: 4.77 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

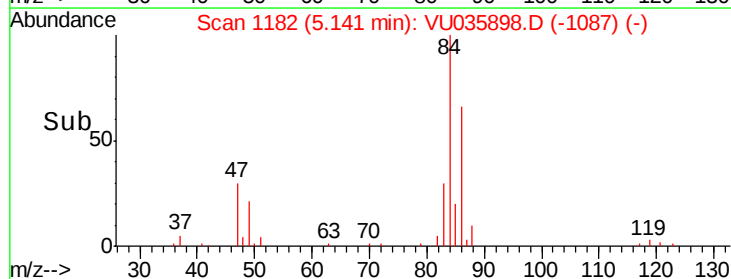
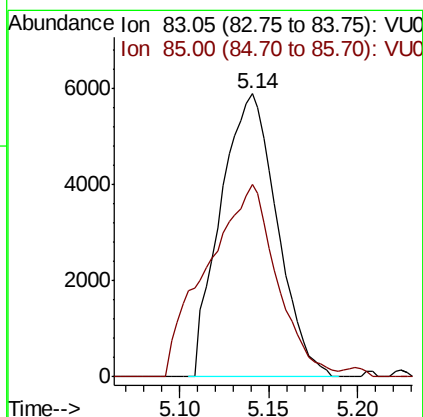
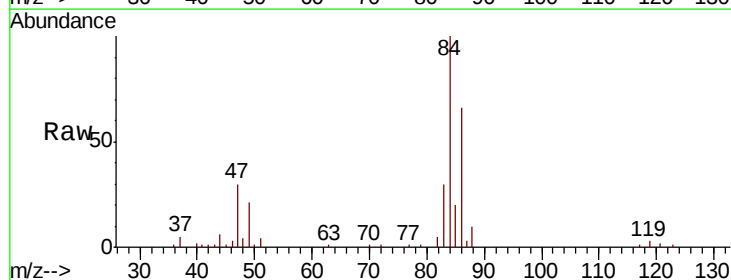
Instrument :
MSVOA_U
ClientSampleId :

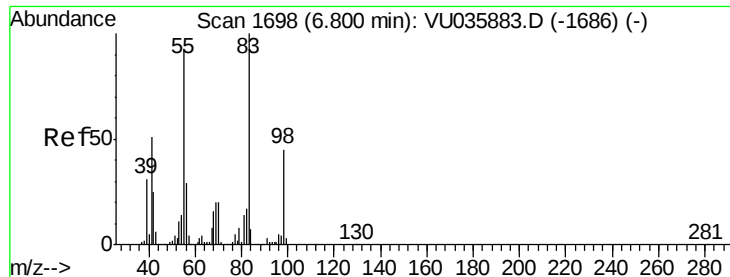
Tot Ion: 43 Resp: 14187
Ion Ratio Lower Upper
43 100
72 17.2 12.4 37.4



#25
Chloroform
Concen: 0.292 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

Tgt Ion: 83 Resp: 12999
Ion Ratio Lower Upper
83 100
85 68.2 44.6 82.8

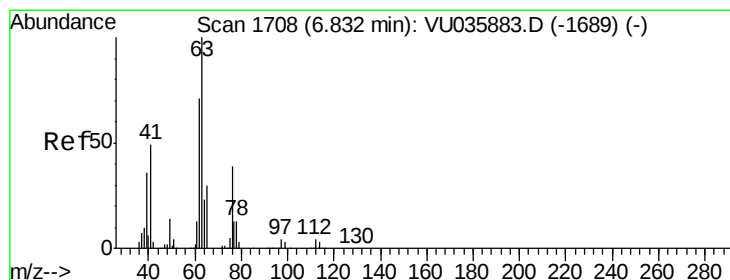
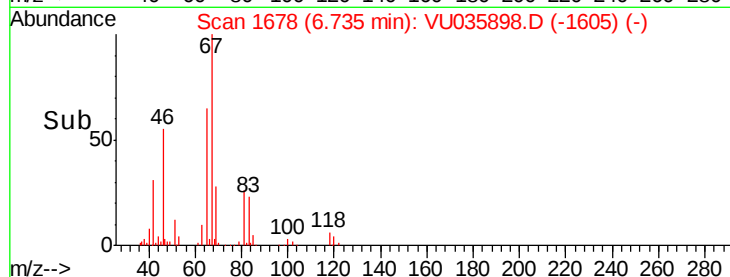
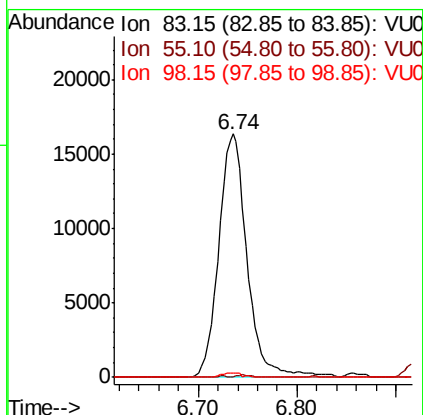
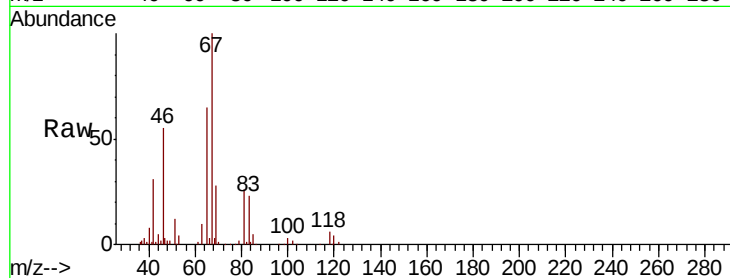




#35
Methylcyclohexane
Concen: 0.957 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

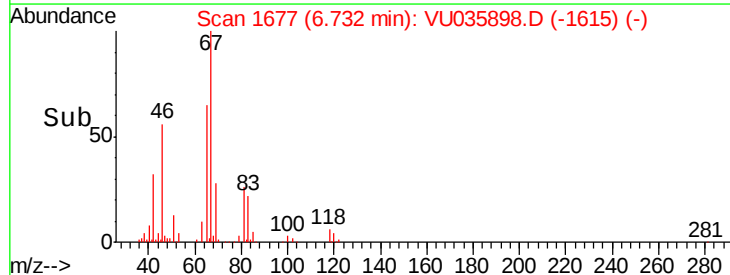
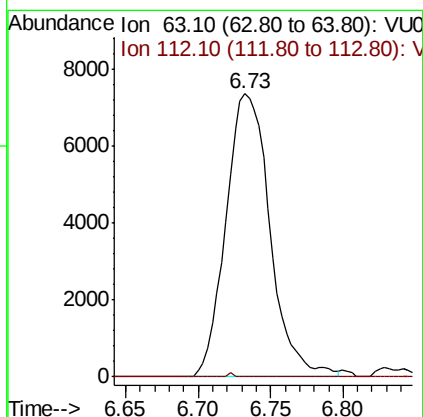
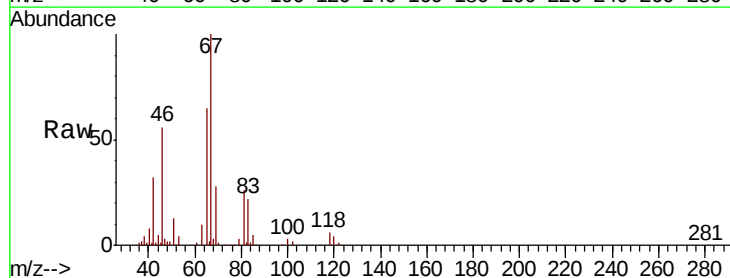
Instrument :
MSVOA_U
ClientSampleId :

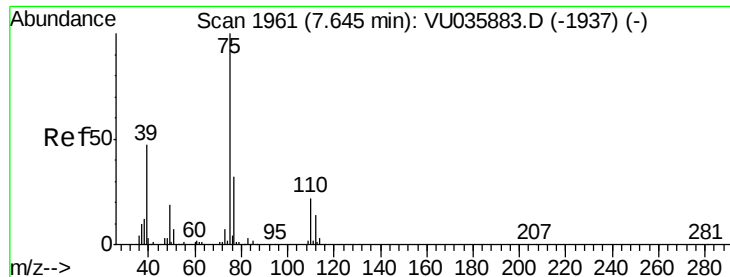
Tot Ion: 83 Resp: 32905
Ion Ratio Lower Upper
83 100
55 0.5 72.7 109.1#
98 1.3 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

Tgt Ion: 63 Resp: 15556
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#

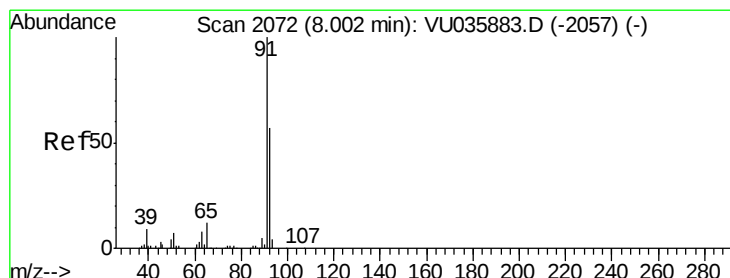
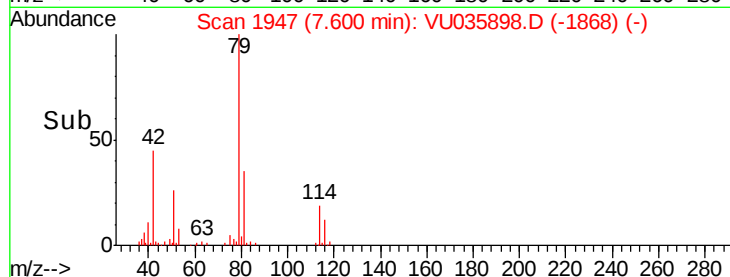
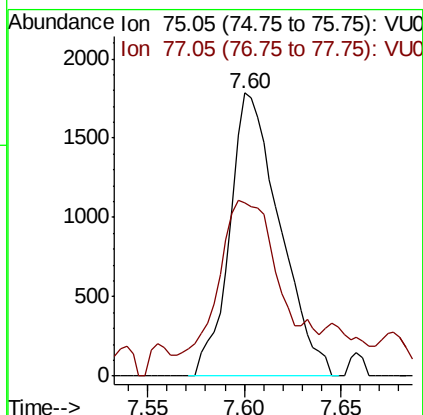
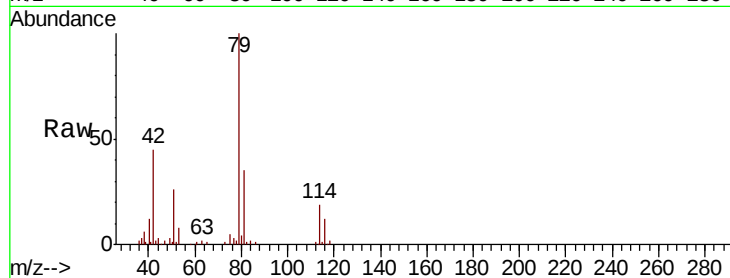




#39
 cis-1,3-Dichloropropene
 Concen: 0.091 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU035898.D
 Acq: 27 Nov 2019 15:45

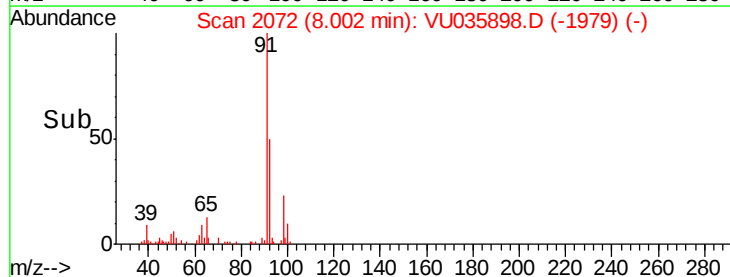
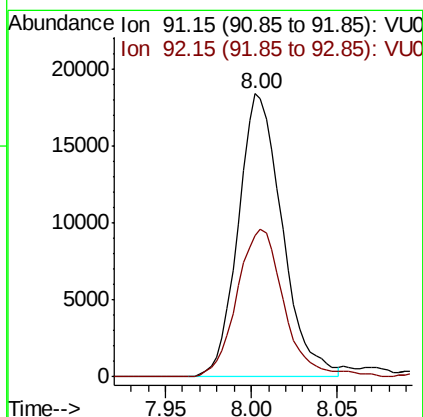
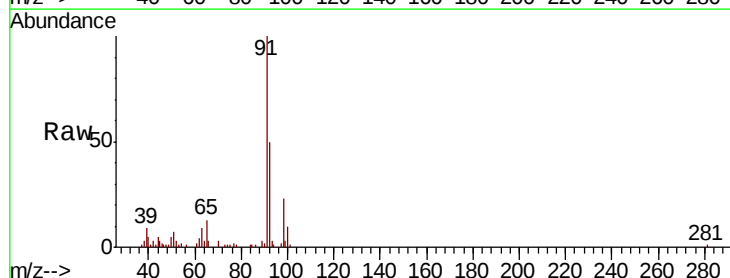
Instrument :
 MSVOA_U
 ClientSampleId :

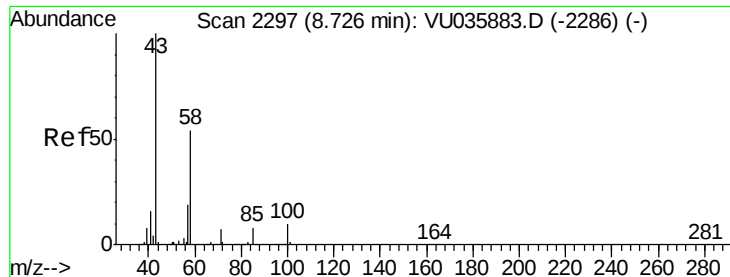
Tot Ion: 75 Resp: 3204
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.1 41.1#



#42
 Toluene
 Concen: 0.328 ug/L
 RT: 8.00 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VU035898.D
 Acq: 27 Nov 2019 15:45

Tgt Ion: 91 Resp: 32622
 Ion Ratio Lower Upper
 91 100
 92 49.8 40.4 75.0

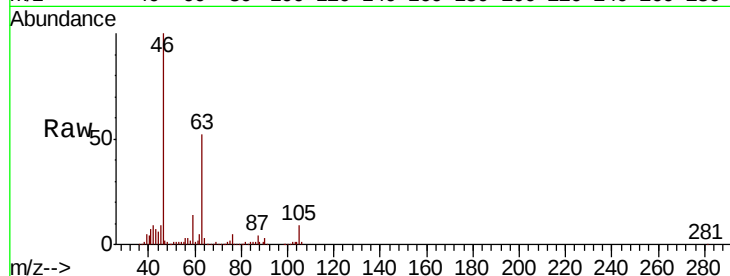




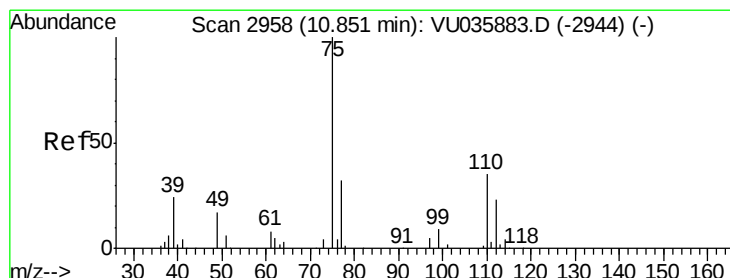
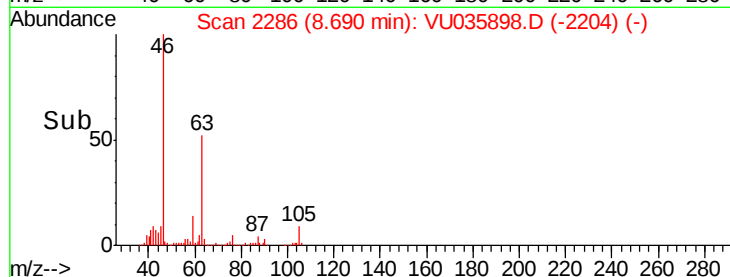
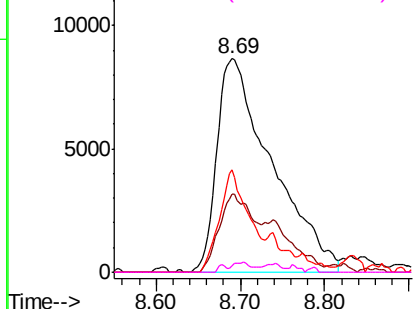
#48
2-Hexanone
Concen: 3.194 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 39114
Ion Ratio Lower Upper
43 100
58 22.9 39.8 59.8#
57 25.7 14.0 21.0#
100 0.5 7.2 10.8#

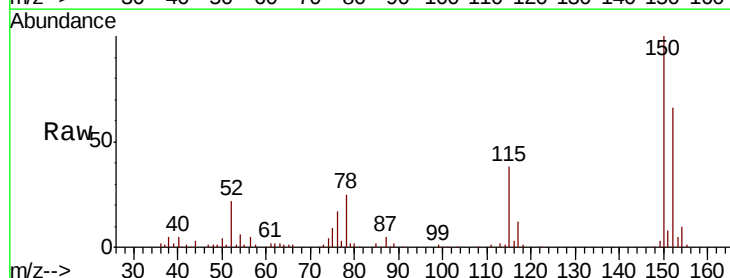


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0



#59
1,2,3-Trichloropropane
Concen: 0.535 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035898.D
Acq: 27 Nov 2019 15:45

Tgt Ion: 75 Resp: 9428
Ion Ratio Lower Upper
75 100
77 35.4 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

