

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112719\
 Data File : VU035888.D
 Acq On : 27 Nov 2019 11:44
 Operator : JC/SP
 Sample : K6057-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 05:00:36 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	224821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	70978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	134922	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.93	69	125487	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.60	63	169051	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.69	46	276075	40.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.24%
24) Chloroform-d	5.11	84	224791	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.75	65	126476	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.77	84	432167	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.73	67	151693	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.93	98	336539	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	8.21	79	48923	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	8.69	63	209667	39.11	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117745	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	76546	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

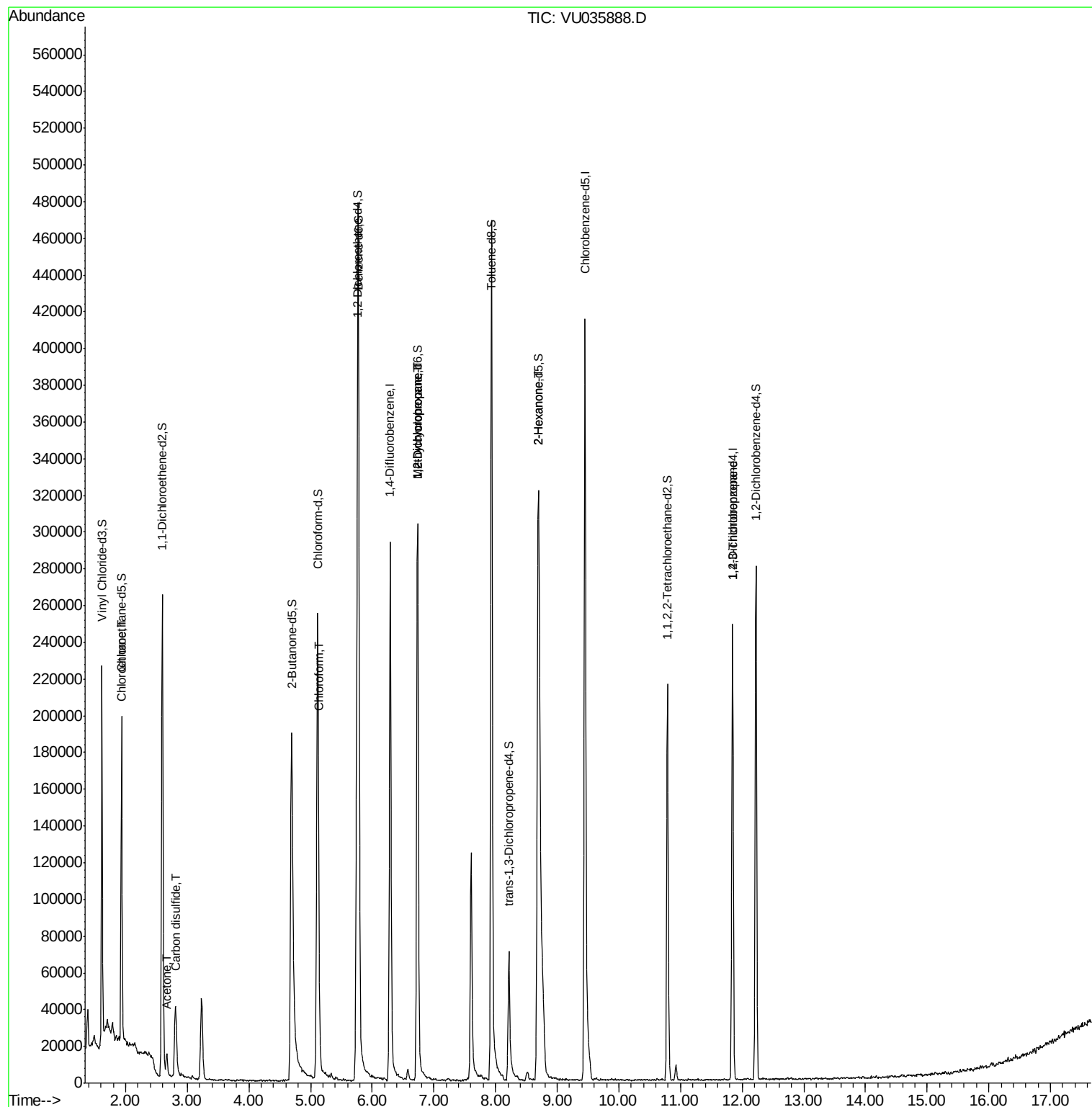
					Ovalue
8) Chloroethane	1.95	64	1843	0.085 ug/L #	54
13) Acetone	2.67	43	13492	2.260 ug/L	87
14) Carbon disulfide	2.83	76	14516	0.187 ug/L	96
25) Chloroform	5.14	83	9992	0.198 ug/L	100
35) Methylcyclohexane	6.73	83	33327	0.832 ug/L #	14
37) 1,2-Dichloropropane	6.73	63	15981	0.506 ug/L #	90
48) 2-Hexanone	8.69	43	22823	1.599 ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	9165	0.447 ug/L	89

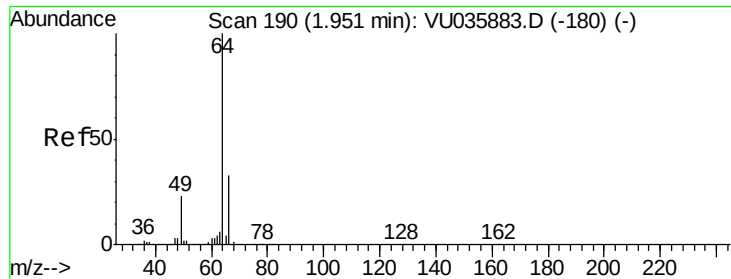
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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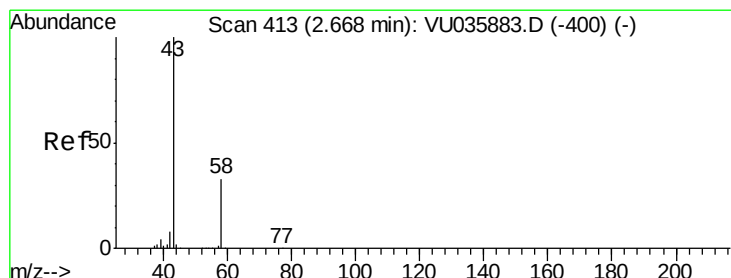
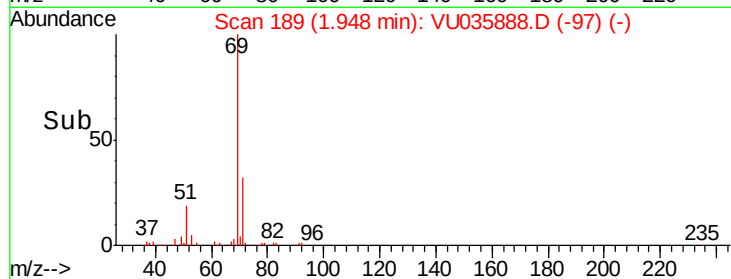
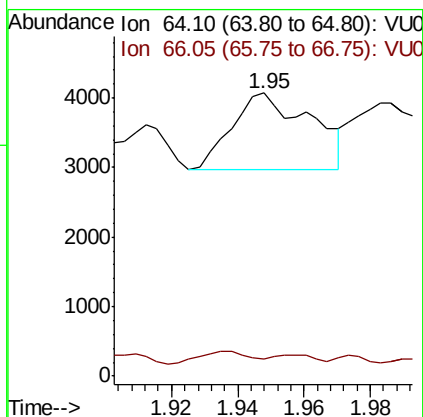
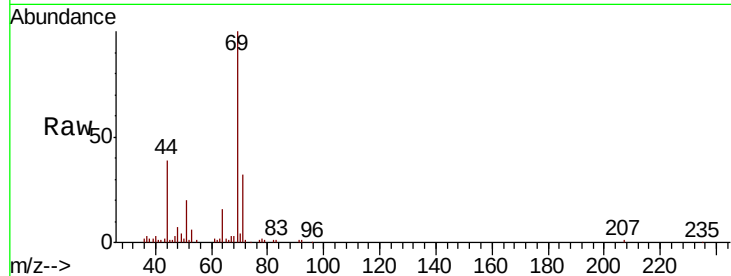




#8
Chloroethane
Concen: 0.085 ug/L
RT: 1.95 min Scan# 189
Delta R.T. -0.00 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

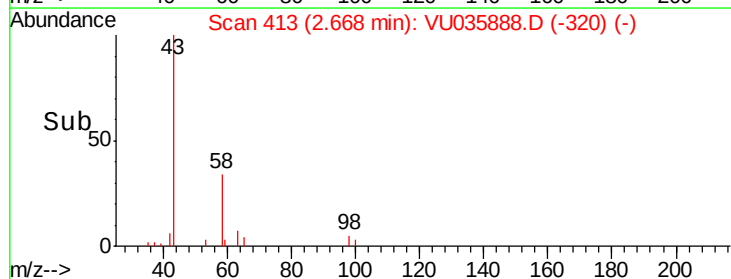
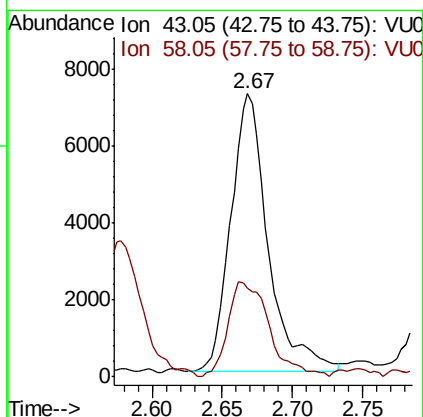
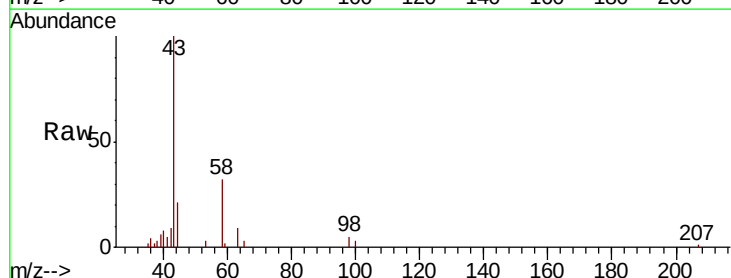
Instrument :
MSVOA_U
ClientSampleId :

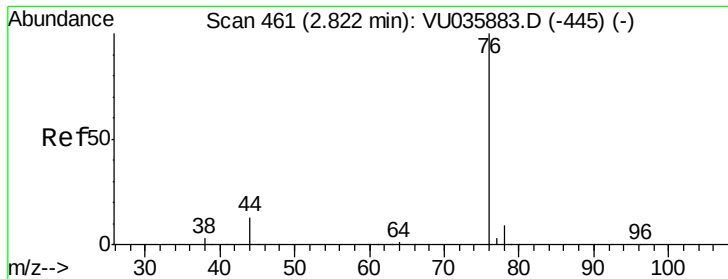
Tot Ion: 64 Resp: 1843
Ion Ratio Lower Upper
64 100
66 6.2 22.3 41.5#



#13
Acetone
Concen: 2.260 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.00 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

Tgt Ion: 43 Resp: 13492
Ion Ratio Lower Upper
43 100
58 37.7 0.0 61.2





#14

Carbon disulfide

Concen: 0.187 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU035888.D

Acq: 27 Nov 2019 11:44

Instrument :

MSVOA_U

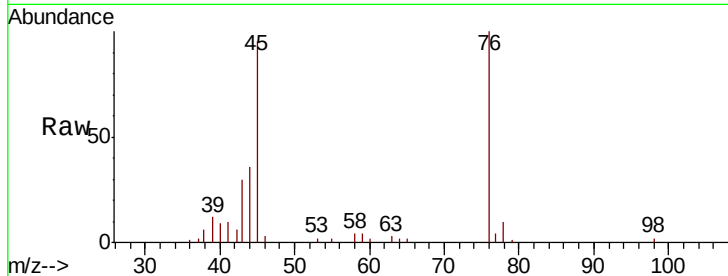
ClientSampleId :

Tot Ion: 76 Resp: 14516

Ion Ratio Lower Upper

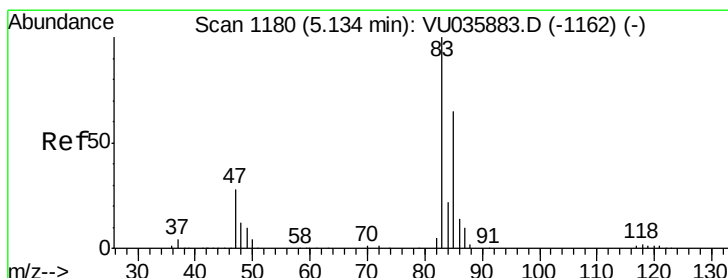
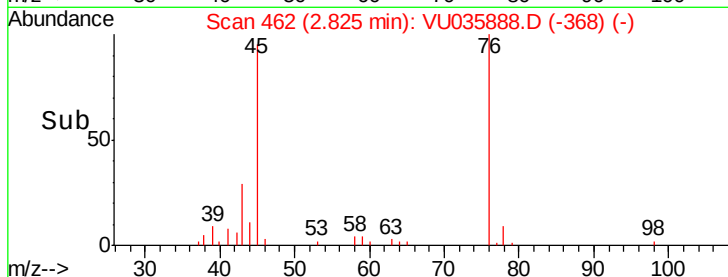
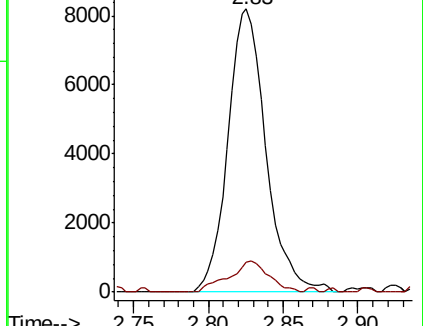
76 100

78 10.4 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035888.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035888.D (-445) (-)



#25

Chloroform

Concen: 0.198 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU035888.D

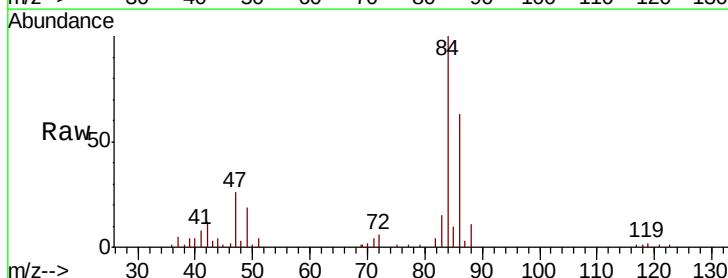
Acq: 27 Nov 2019 11:44

Tgt Ion: 83 Resp: 9992

Ion Ratio Lower Upper

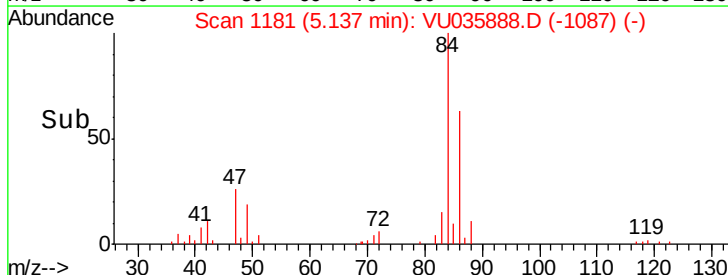
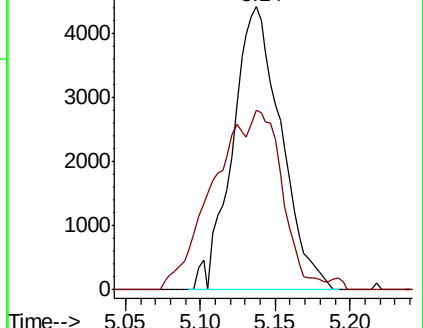
83 100

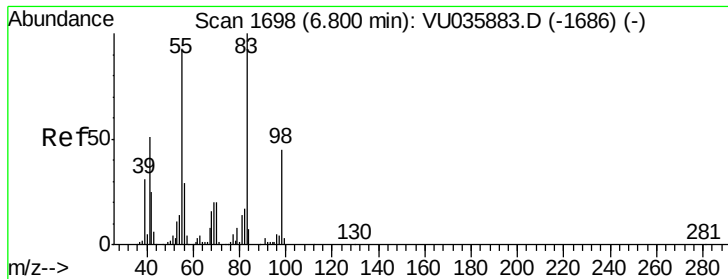
85 63.4 44.6 82.8



Abundance Ion 83.05 (82.75 to 83.75): VU035888.D (-1087) (-)

Ion 85.00 (84.70 to 85.70): VU035888.D (-1087) (-)

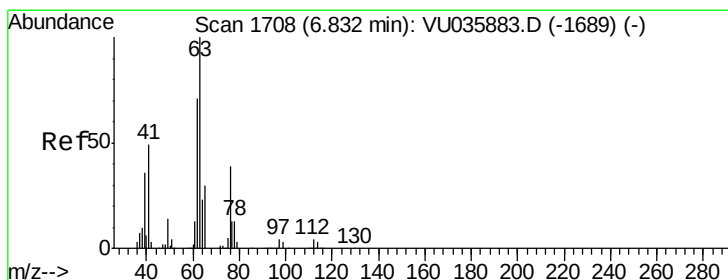
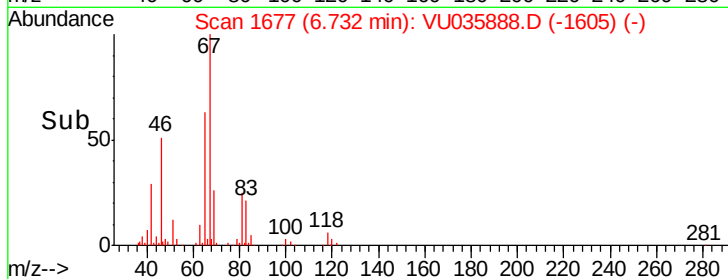
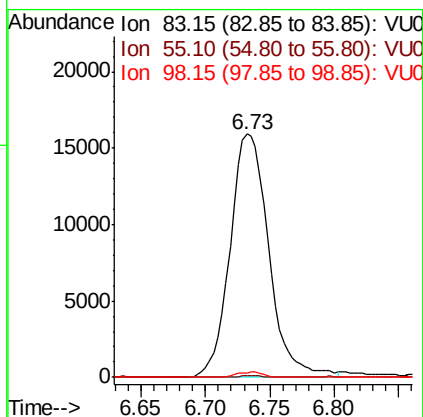
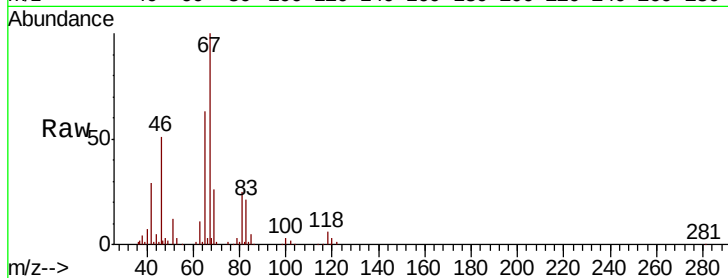




#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

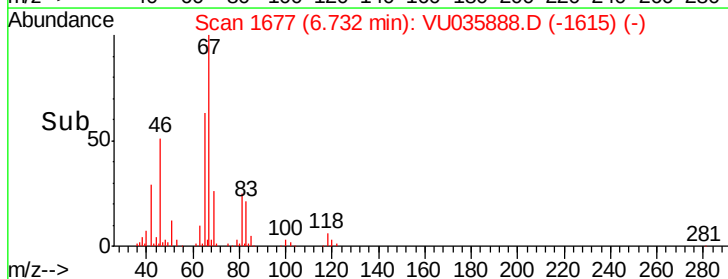
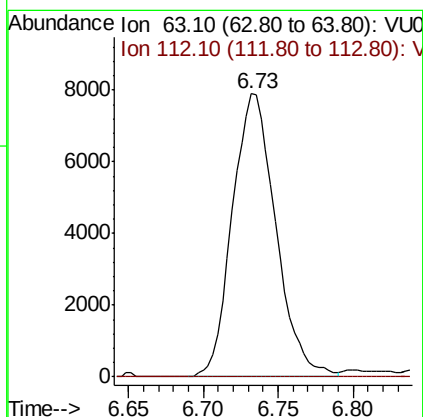
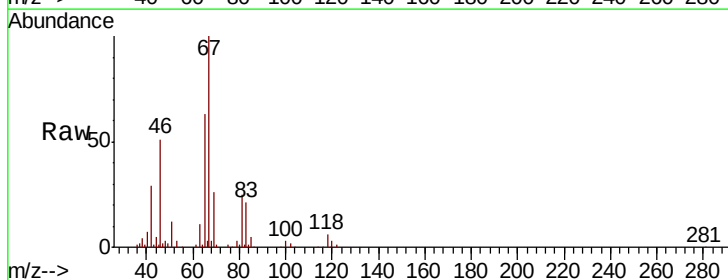
Instrument :
MSVOA_U
ClientSampleId :

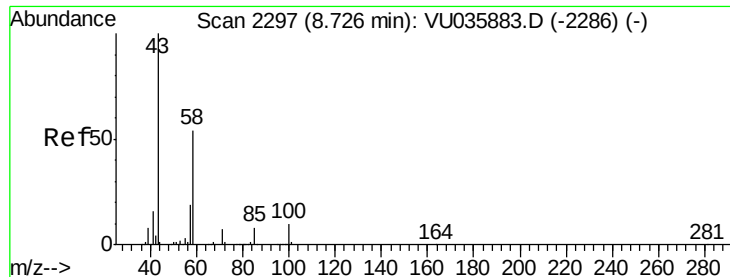
Tot Ion: 83 Resp: 33327
Ion Ratio Lower Upper
83 100
55 0.4 72.7 109.1#
98 1.5 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.506 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

Tgt Ion: 63 Resp: 15981
Ion Ratio Lower Upper
63 100
112 0.1 2.7 4.1#

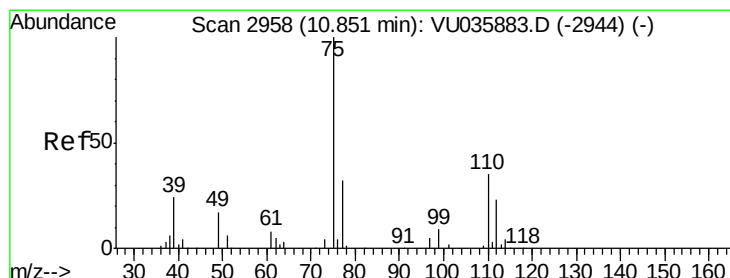
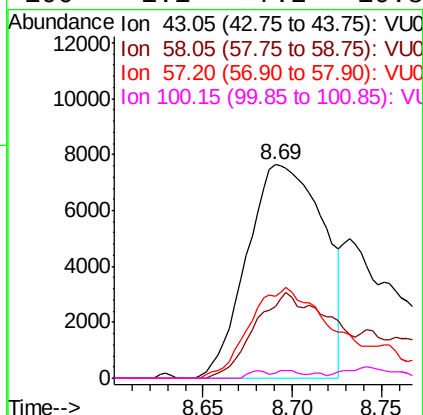
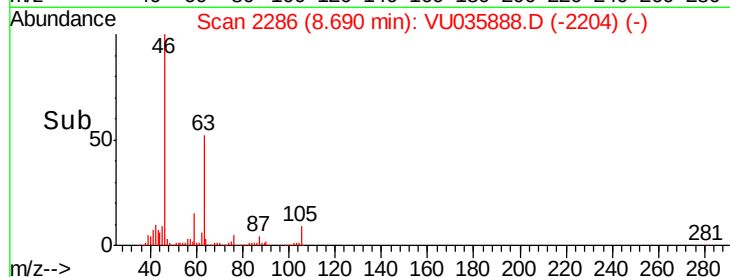
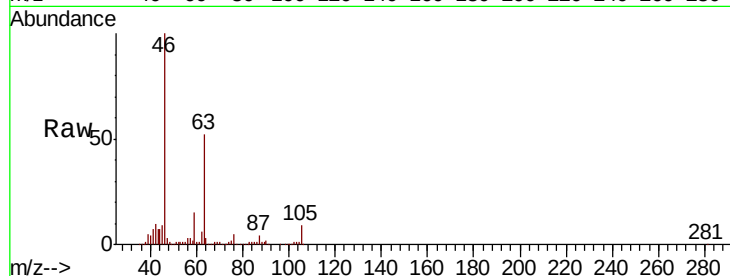




#48
2-Hexanone
Concen: 1.599 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 22823
Ion Ratio Lower Upper
43 100
58 40.4 39.8 59.8
57 45.3 14.0 21.0#
100 1.1 7.2 10.8#



#59
1,2,3-Trichloropropane
Concen: 0.447 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035888.D
Acq: 27 Nov 2019 11:44

Tgt Ion: 75 Resp: 9165
Ion Ratio Lower Upper
75 100
77 37.7 25.4 38.2

