

Data File : VU036375.D
Acq On : 30 Dec 2019 18:03
Operator : JC/MD
Sample : K6459-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0BQ8

Quant Time: Dec 31 07:36:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258897	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252596	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91483	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	89636	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	90982	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.59	63	134208	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.68	46	254322	53.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	5.11	84	178869	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.75	65	105562	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.77	84	370086	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.73	67	122614	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.93	98	337065	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.21	79	53015	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.68	63	237189	51.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.26%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	96705	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	101218	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

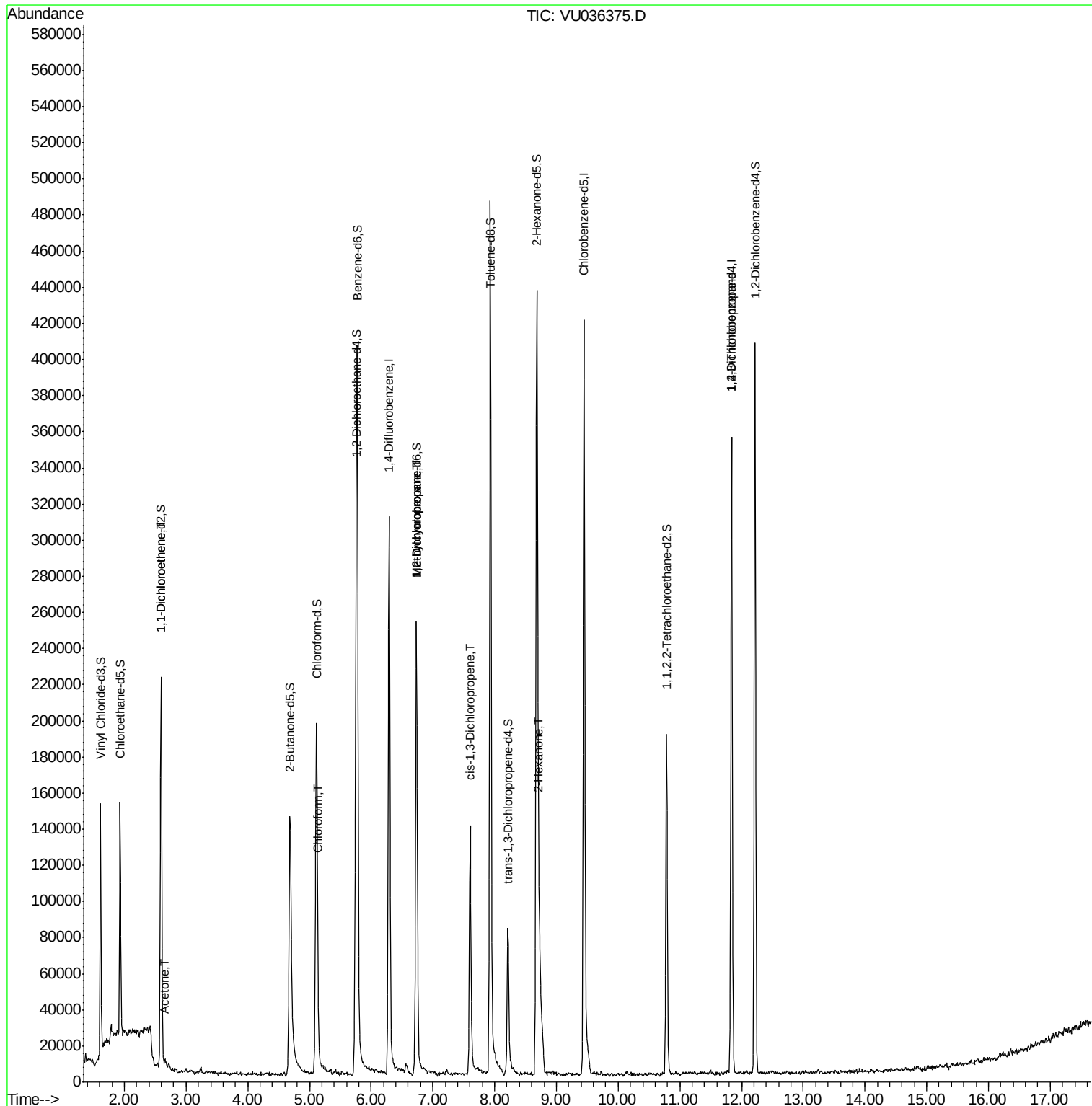
					Qvalue
12) 1,1-Dichloroethene	2.60	96	1126	0.071 ug/L #	1
13) Acetone	2.67	43	3015	0.975 ug/L	67
25) Chloroform	5.14	83	10399	0.307 ug/L	93
35) Methylcyclohexane	6.73	83	28991	0.907 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	14217	0.736 ug/L #	89
39) cis-1,3-Dichloropropene	7.60	75	4119	0.130 ug/L #	80
48) 2-Hexanone	8.72	43	10540	1.095 ug/L #	39
59) 1,2,3-Trichloropropane	11.83	75	13300	0.999 ug/L #	86

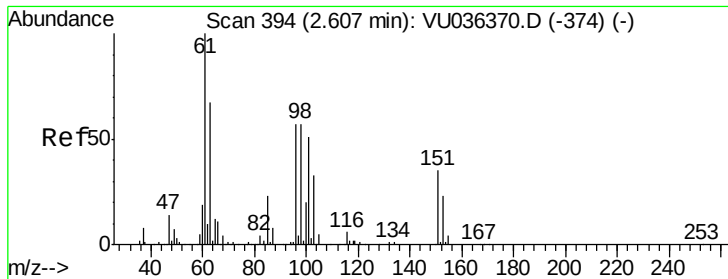
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036375.D

Acq: 30 Dec 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

H0BQ8

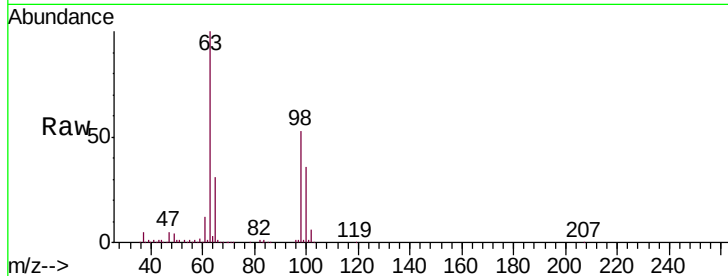
Tgt Ion: 96 Resp: 1126

Ion Ratio Lower Upper

96 100

61 1350.5 123.8 230.0#

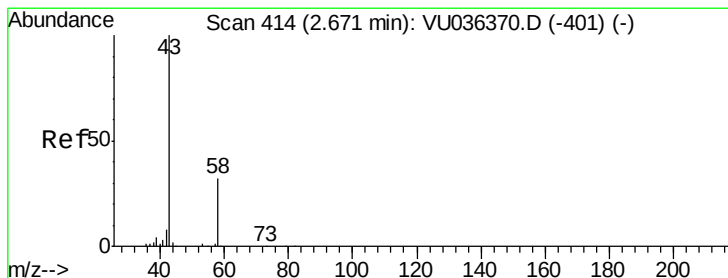
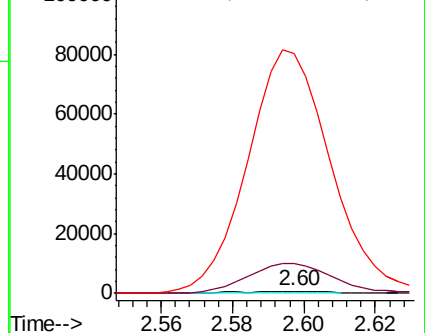
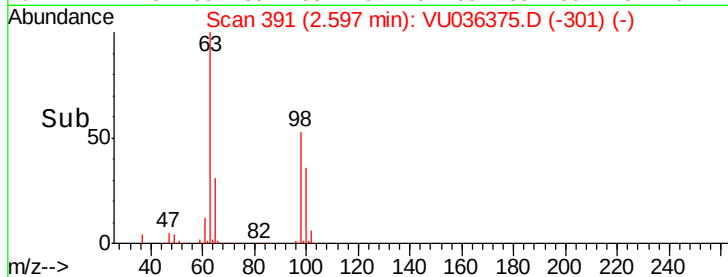
63 10835.6 89.0 165.4#



Abundance Ion 96.00 (95.70 to 96.70): VU036375.D (-301) (-)

Ion 61.05 (60.75 to 61.75): VU036375.D (-301) (-)

Ion 63.00 (62.70 to 63.70): VU036375.D (-301) (-)



#13

Acetone

Concen: 0.975 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU036375.D

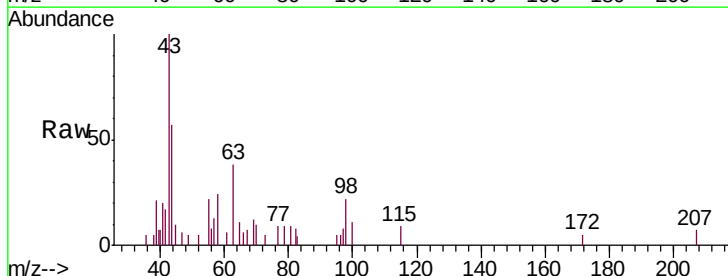
Acq: 30 Dec 2019 18:03

Tgt Ion: 43 Resp: 3015

Ion Ratio Lower Upper

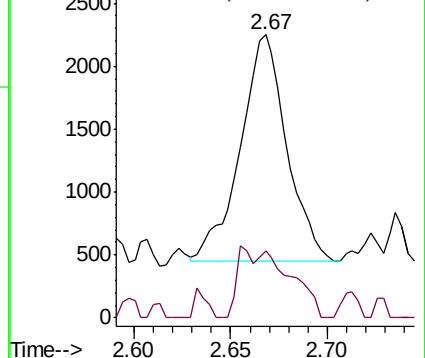
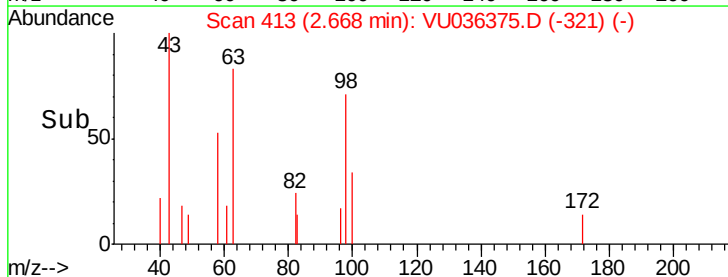
43 100

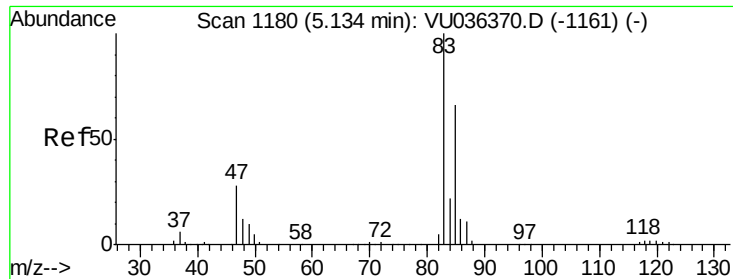
58 10.9 0.0 57.0



Abundance Ion 43.05 (42.75 to 43.75): VU036375.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU036375.D (-321) (-)

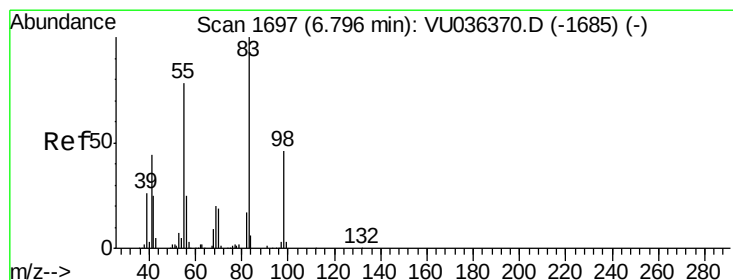
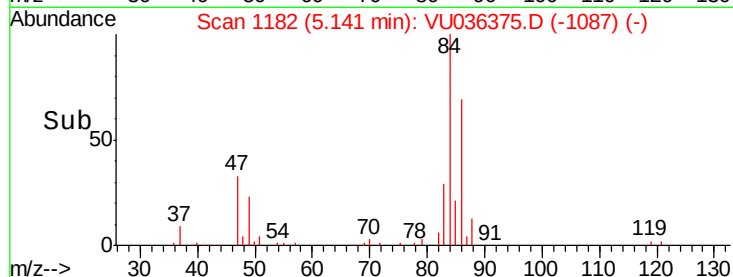
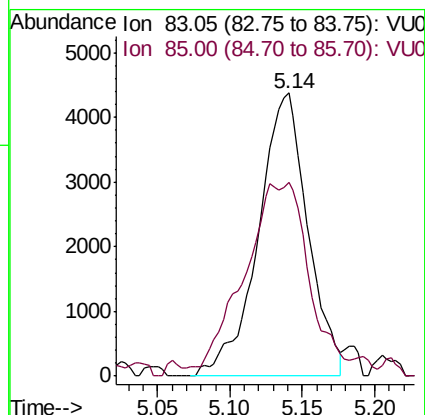
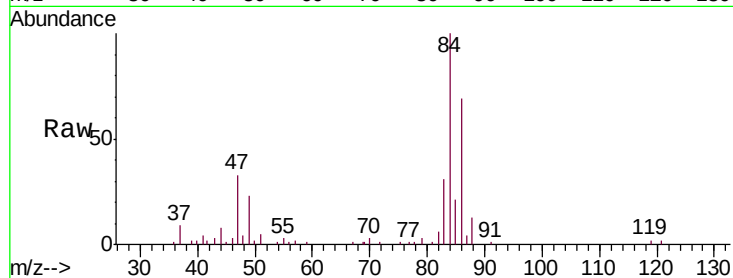




#25
Chloroform
Concen: 0.307 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036375.D
Acq: 30 Dec 2019 18:03

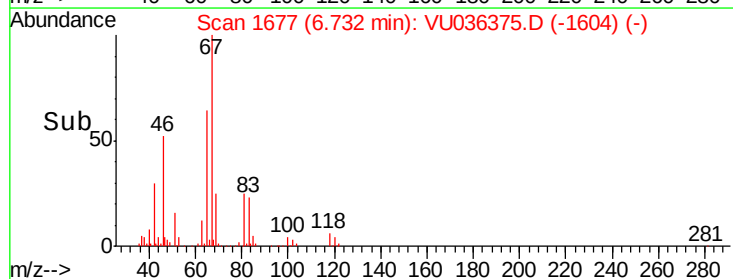
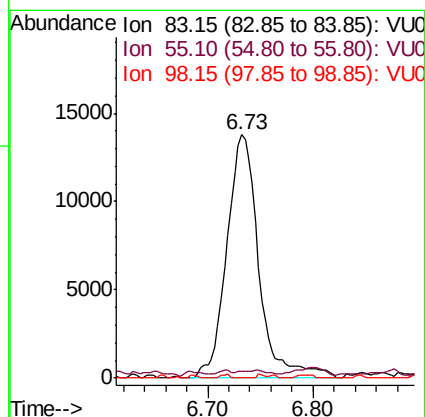
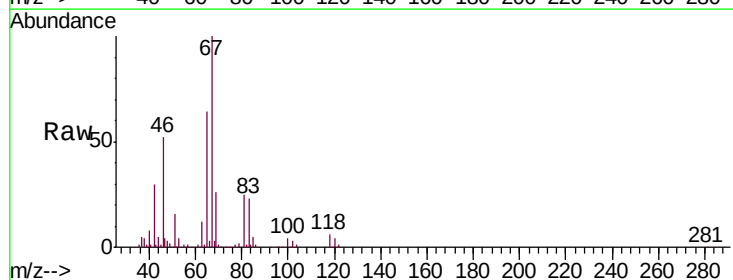
Instrument :
MSVOA_U
ClientSampleId :
H0BQ8

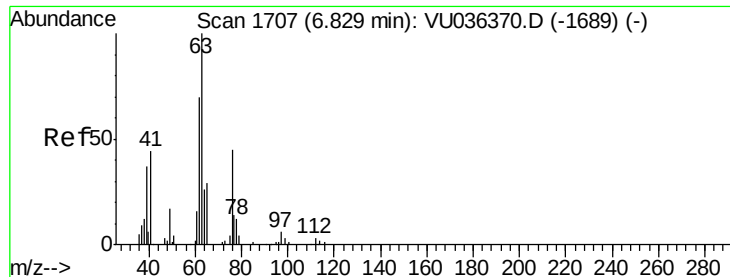
Tgt Ion: 83 Resp: 10399
Ion Ratio Lower Upper
83 100
85 68.3 44.1 81.9



#35
Methylcyclohexane
Concen: 0.907 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.06 min
Lab File: VU036375.D
Acq: 30 Dec 2019 18:03

Tgt Ion: 83 Resp: 28991
Ion Ratio Lower Upper
83 100
55 1.0 61.5 92.3#
98 0.0 36.9 55.3#

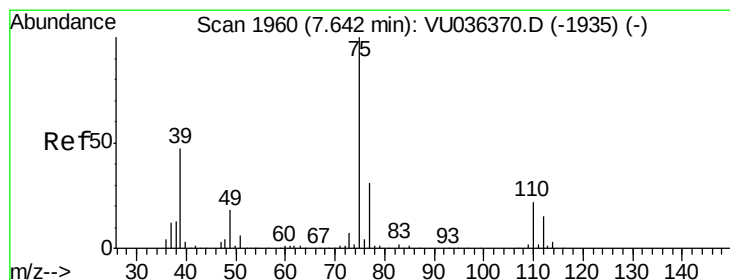
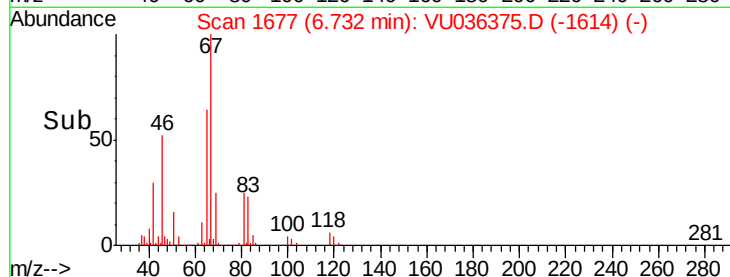
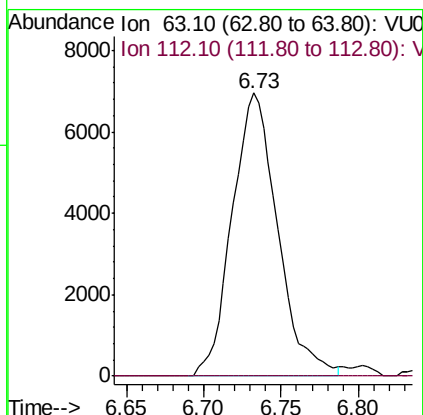
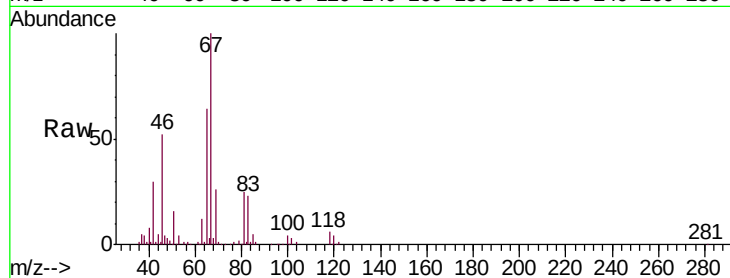




#37
 1,2-Dichloropropane
 Concen: 0.736 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036375.D
 Acq: 30 Dec 2019 18:03

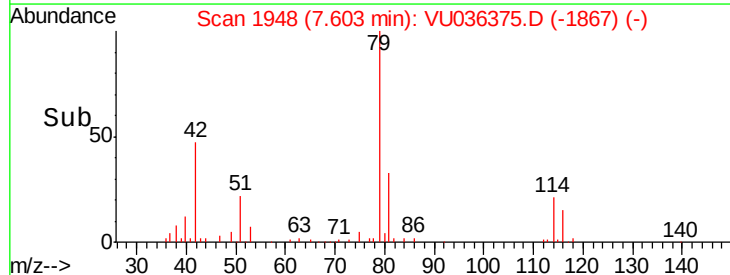
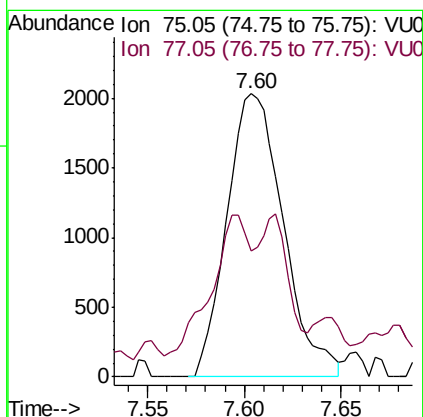
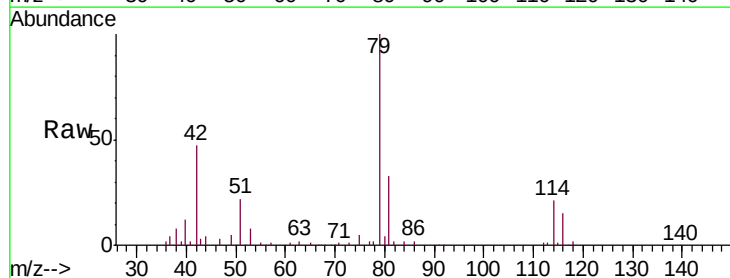
Instrument :
 MSVOA_U
 ClientSampleId :
 H0BQ8

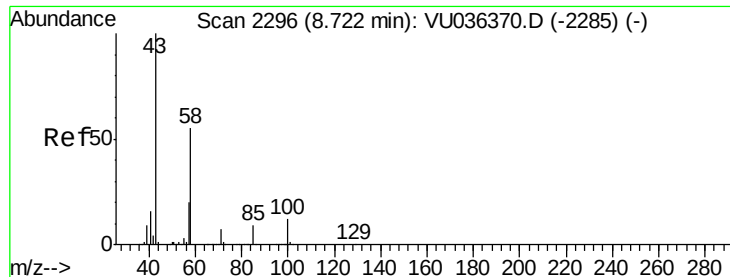
Tgt Ion: 63 Resp: 14217
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036375.D
 Acq: 30 Dec 2019 18:03

Tgt Ion: 75 Resp: 4119
 Ion Ratio Lower Upper
 75 100
 77 44.5 23.2 43.2#

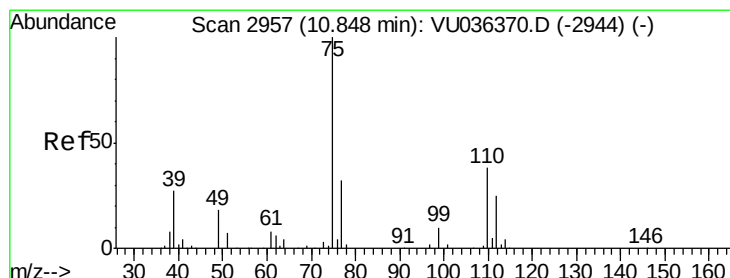
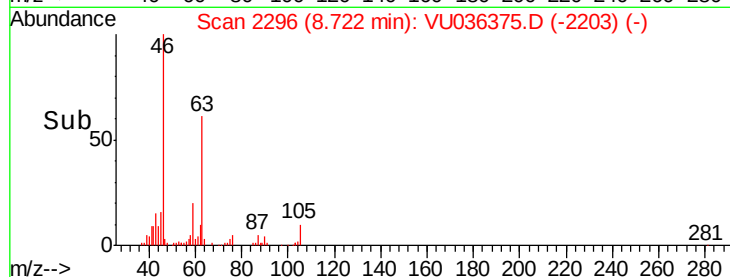
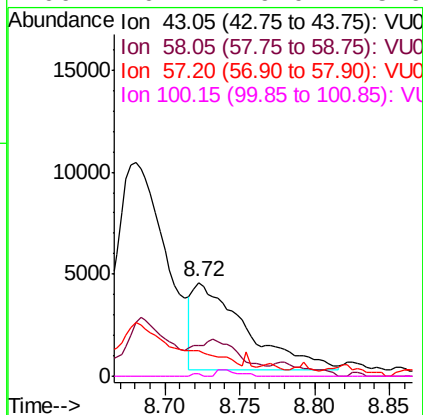
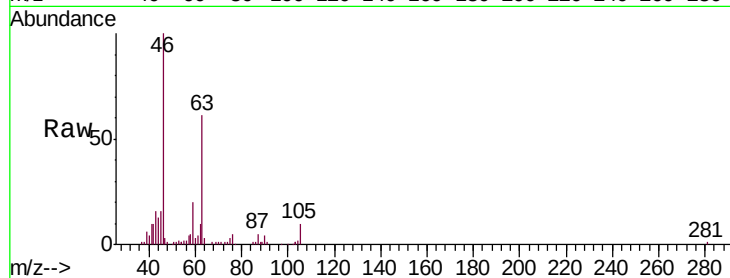




#48
 2-Hexanone
 Concen: 1.095 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU036375.D
 Acq: 30 Dec 2019 18:03

Instrument :
 MSVOA_U
 ClientSampleId :
 H0BQ8

Tgt Ion: 43 Resp: 10540
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.7 64.1#
 57 0.0 14.6 22.0#
 100 0.4 9.0 13.6#



#59
 1,2,3-Trichloropropane
 Concen: 0.999 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036375.D
 Acq: 30 Dec 2019 18:03

Tgt Ion: 75 Resp: 13300
 Ion Ratio Lower Upper
 75 100
 77 42.0 27.0 40.4#

