

Data File : VU036175.D
Acq On : 13 Dec 2019 02:03
Operator : JC/MD
Sample : K6273-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR5

Quant Time: Dec 13 02:48:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	252506	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282536	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	90299	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	124224	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.93	69	117895	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	132111	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.68	46	212291	51.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	5.11	84	164313	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.75	65	103875	5.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.20%
32) Benzene-d6	5.77	84	372702	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.73	67	122890	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.93	98	300623	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.21	79	41132	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.68	63	156327	43.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	106028	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	98244	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

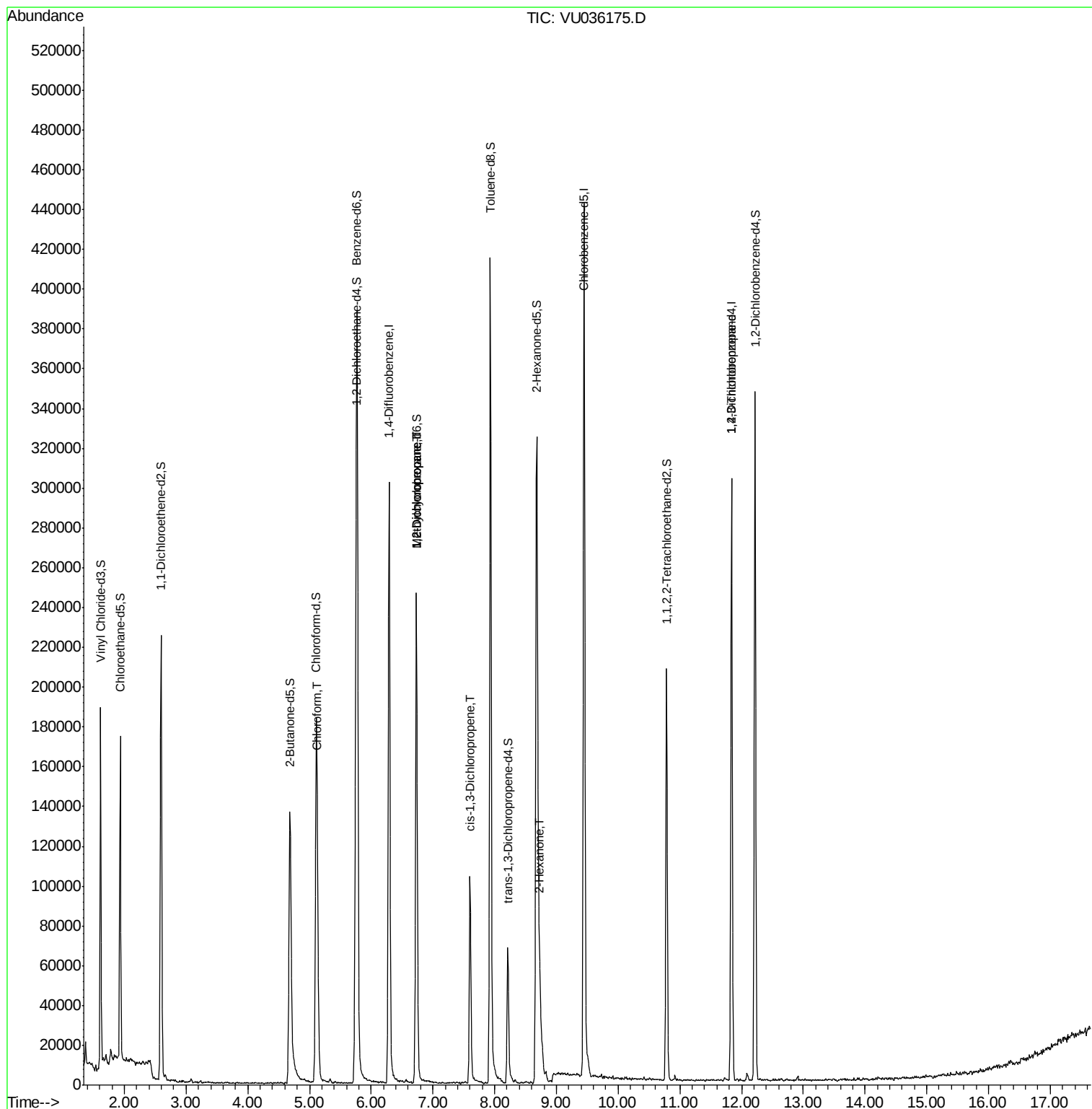
					Qvalue
25) Chloroform	5.13	83	34384	0.896 ug/L	99
35) Methylcyclohexane	6.73	83	27566	0.870 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12654	0.564 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2892	0.098 ug/L #	39
48) 2-Hexanone	8.73	43	11188	1.348 ug/L #	82
59) 1,2,3-Trichloropropane	11.84	75	9837	0.665 ug/L #	87

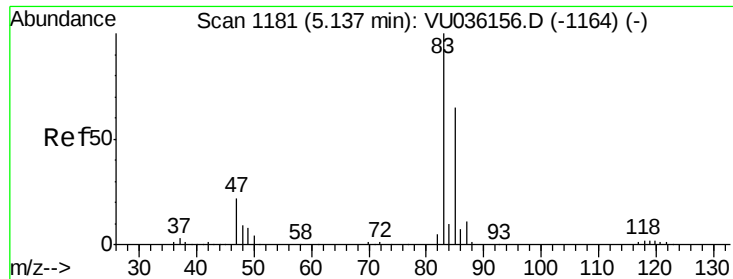
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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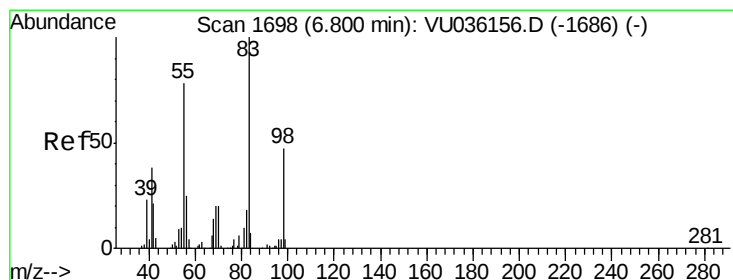
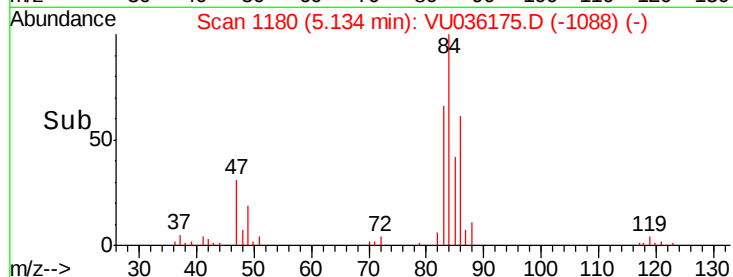
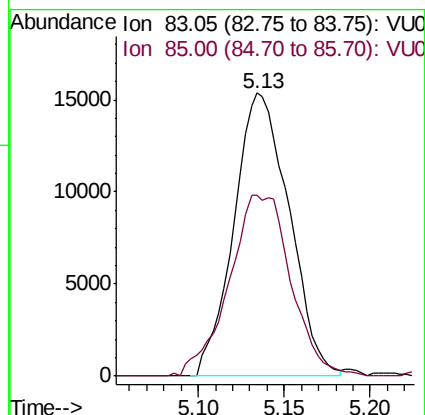
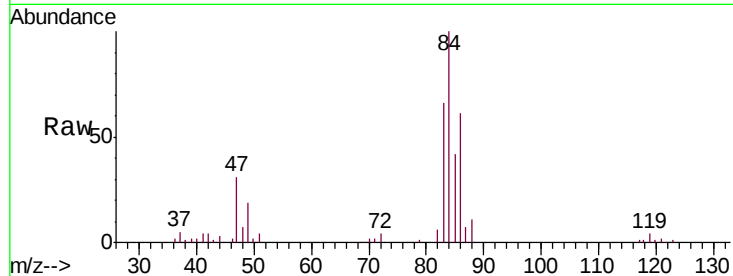




#25
Chloroform
Concen: 0.896 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VU036175.D
Acq: 13 Dec 2019 02:03

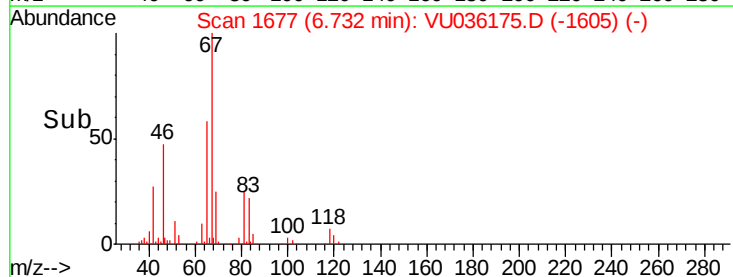
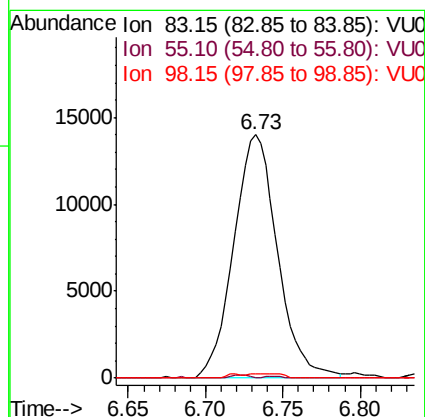
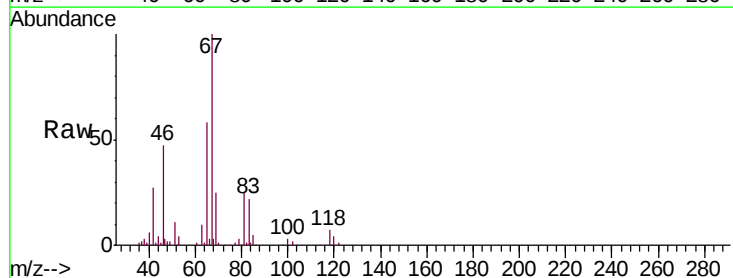
Instrument :
MSVOA_U
ClientSampleId :
BFDR5

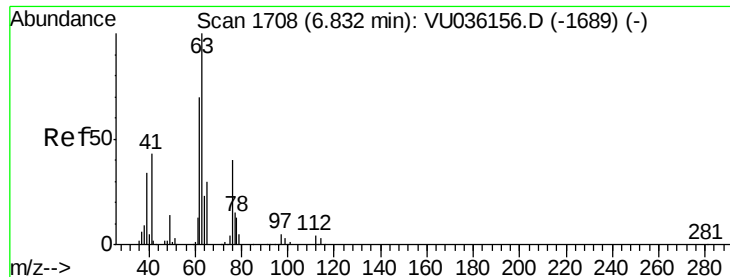
Tgt Ion: 83 Resp: 34384
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.0



#35
Methylcyclohexane
Concen: 0.870 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036175.D
Acq: 13 Dec 2019 02:03

Tgt Ion: 83 Resp: 27566
Ion Ratio Lower Upper
83 100
55 0.5 61.9 92.9#
98 0.7 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.564 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.10 min

Lab File: VU036175.D

Acq: 13 Dec 2019 02:03

Instrument :

MSVOA_U

ClientSampleId :

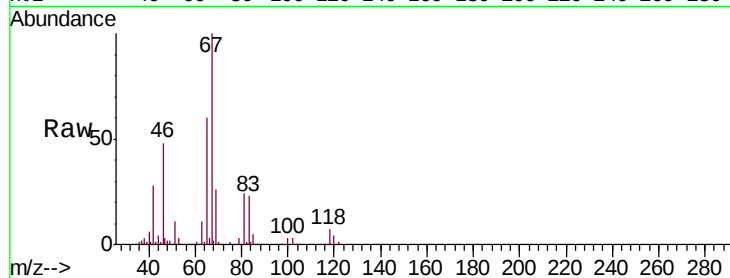
BFDR5

Tgt Ion: 63 Resp: 12654

Ion Ratio Lower Upper

63 100

112 0.6 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU036175.D (-1676) (-)

Ion 112.10 (111.80 to 112.80): VU036175.D (-1676) (-)

6.73

6000

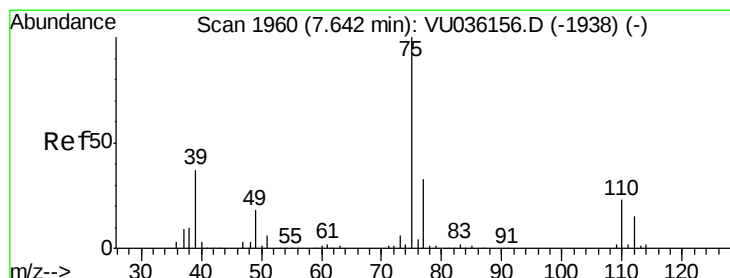
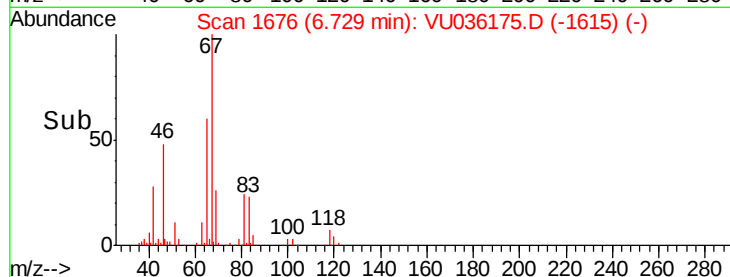
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036175.D

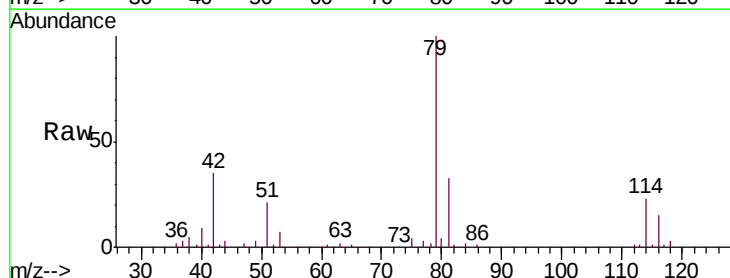
Acq: 13 Dec 2019 02:03

Tgt Ion: 75 Resp: 2892

Ion Ratio Lower Upper

75 100

77 66.1 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU036175.D (-1867) (-)

Ion 77.05 (76.75 to 77.75): VU036175.D (-1867) (-)

7.60

1500

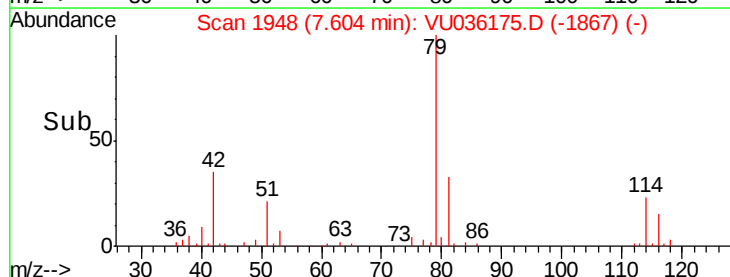
1000

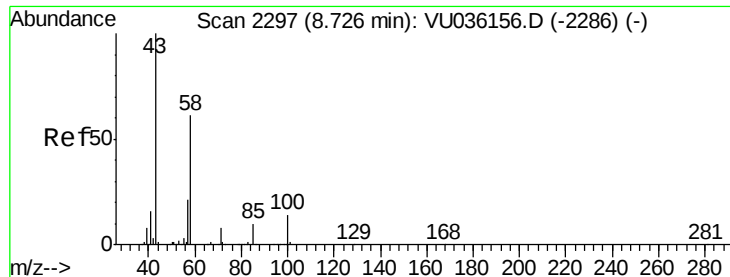
500

0

7.55 7.60 7.65

Time-->

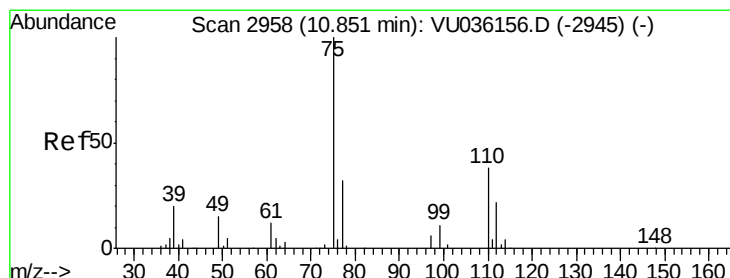
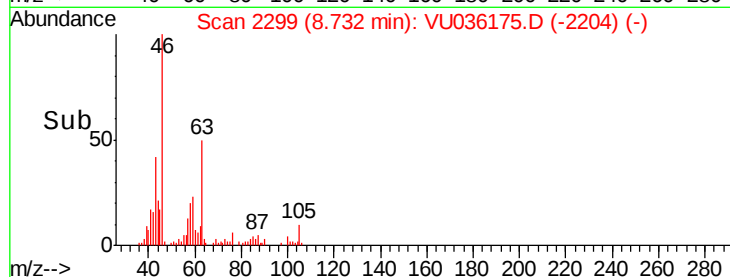
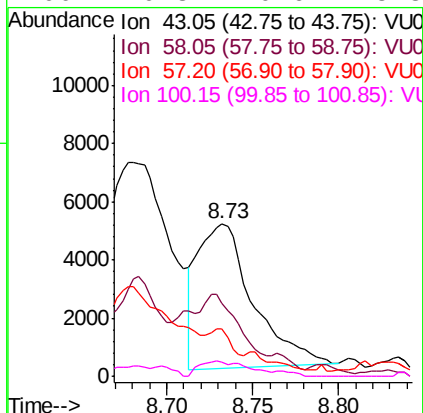
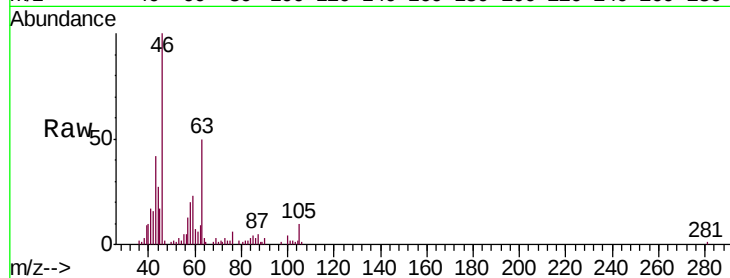




#48
2-Hexanone
Concen: 1.348 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU036175.D
Acq: 13 Dec 2019 02:03

Instrument :
MSVOA_U
ClientSampleId :
BFDR5

Tgt Ion: 43 Resp: 11188
Ion Ratio Lower Upper
43 100
58 47.8 48.6 72.8#
57 6.9 16.7 25.1#
100 10.3 10.6 15.8#



#59
1,2,3-Trichloropropane
Concen: 0.665 ug/L
RT: 11.84 min Scan# 3265
Delta R.T. 0.99 min
Lab File: VU036175.D
Acq: 13 Dec 2019 02:03

Tgt Ion: 75 Resp: 9837
Ion Ratio Lower Upper
75 100
77 40.8 26.6 39.8#

