

Data File : VU036170.D
Acq On : 13 Dec 2019 00:01
Operator : JC/MD
Sample : K6273-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR0

Quant Time: Dec 13 02:47:54 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	249782	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	282156	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	106219	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	128338	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.93	69	113047	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.59	63	127301	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	4.69	46	220854	54.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.62%
24) Chloroform-d	5.11	84	194378	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.75	65	100319	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
32) Benzene-d6	5.77	84	362610	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.73	67	116925	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.93	98	285210	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.21	79	41979	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
46) 2-Hexanone-d5	8.67	63	165126	45.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	103315	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	112324	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

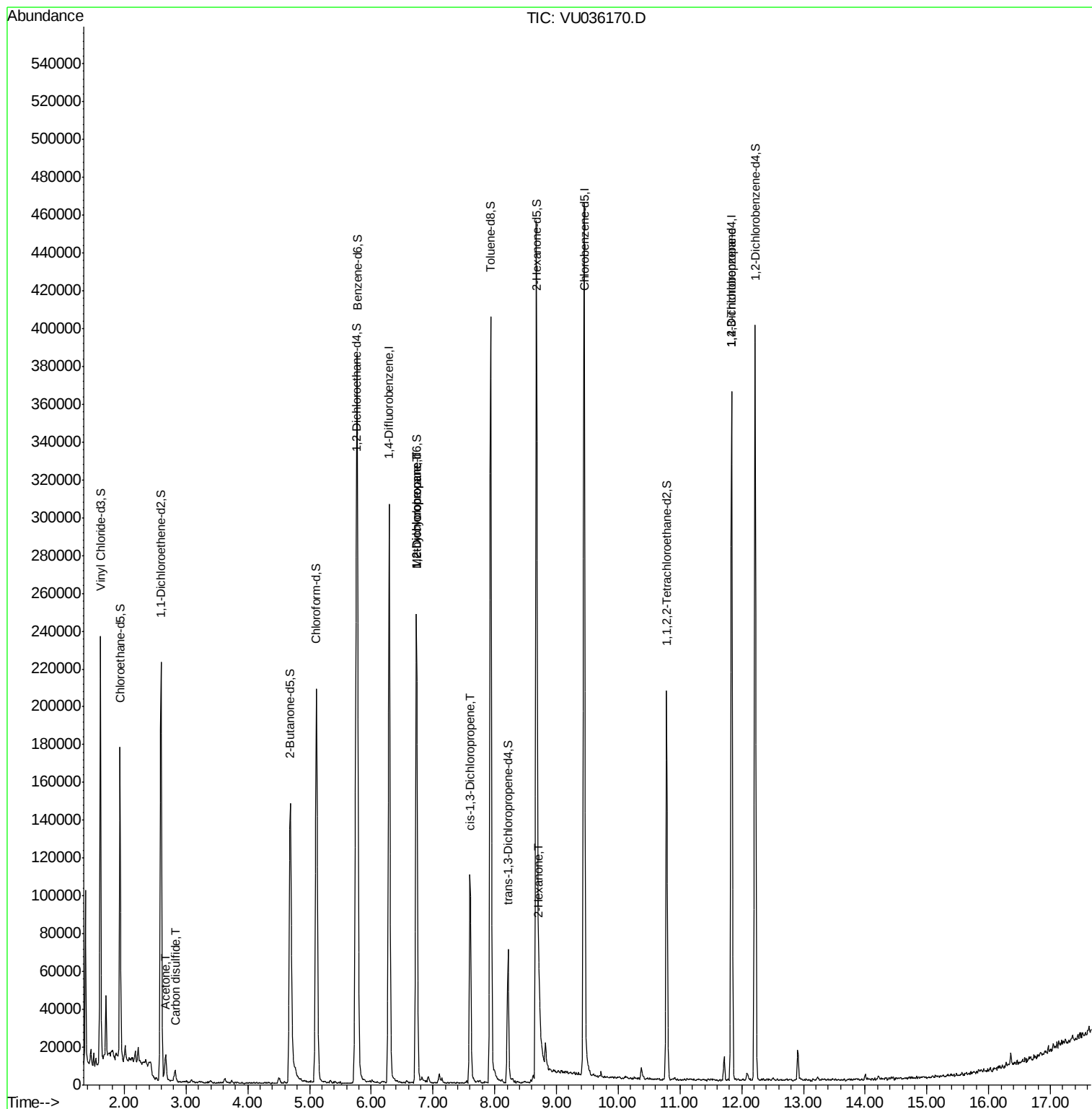
					Qvalue
13) Acetone	2.67	43	15684	4.433 ug/L	94
14) Carbon disulfide	2.83	76	6230	0.100 ug/L	99
35) Methylcyclohexane	6.73	83	28144	0.890 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12775	0.571 ug/L #	87
39) cis-1,3-Dichloropropene	7.61	75	2888	0.098 ug/L #	72
48) 2-Hexanone	8.72	43	8548	1.031 ug/L #	86
59) 1,2,3-Trichloropropane	11.84	75	11187	0.758 ug/L	89

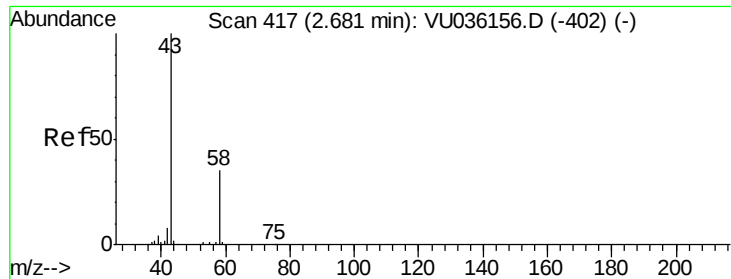
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.433 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036170.D

Acq: 13 Dec 2019 00:01

Instrument :

MSVOA_U

ClientSampleId :

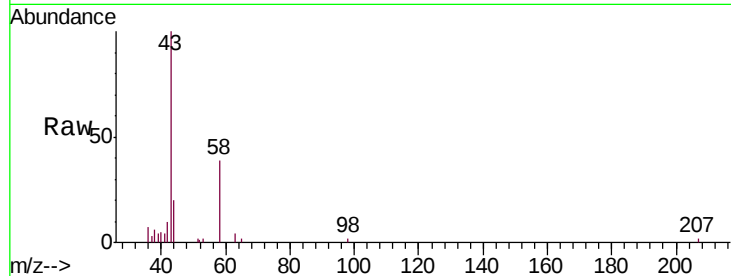
BFDR0

Tgt Ion: 43 Resp: 15684

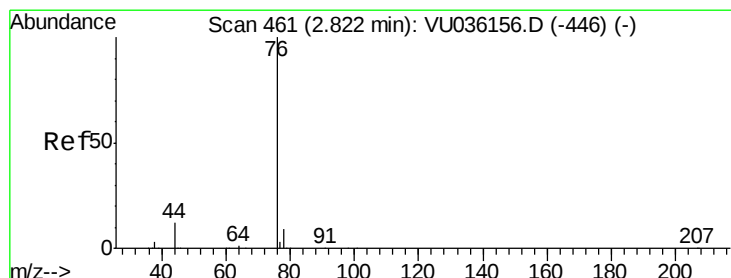
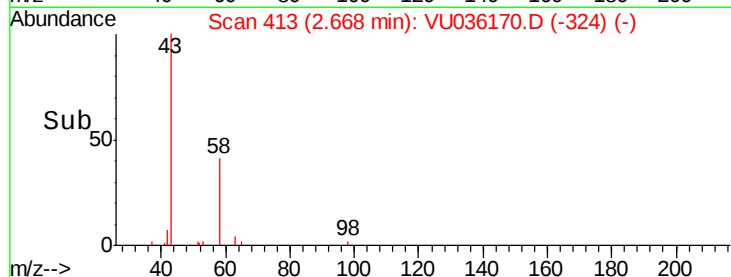
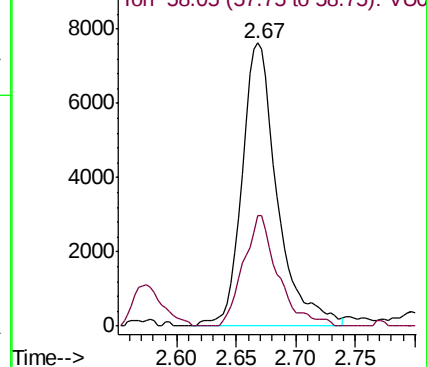
Ion Ratio Lower Upper

43 100

58 38.3 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036170.D (-324) (-)



#14

Carbon disulfide

Concen: 0.100 ug/L

RT: 2.83 min Scan# 462

Delta R.T. 0.00 min

Lab File: VU036170.D

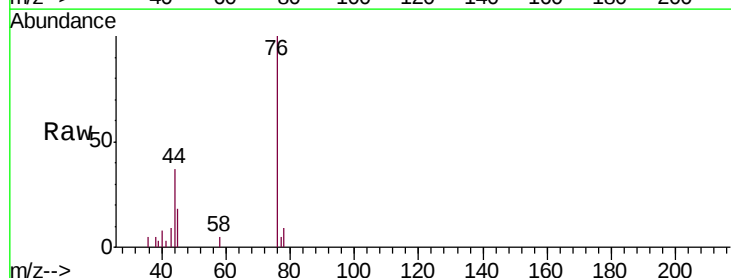
Acq: 13 Dec 2019 00:01

Tgt Ion: 76 Resp: 6230

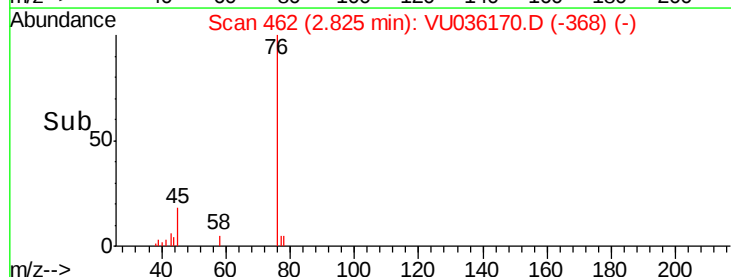
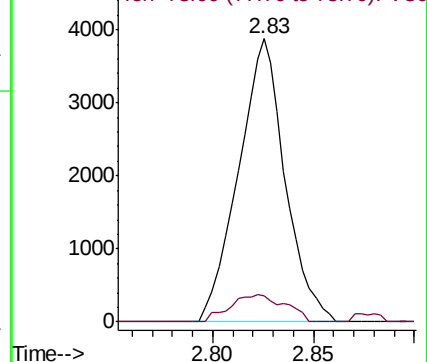
Ion Ratio Lower Upper

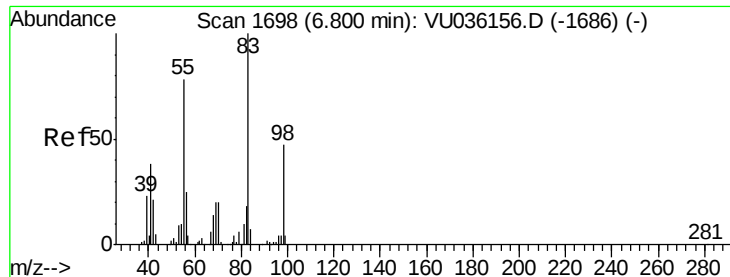
76 100

78 9.3 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036170.D (-368) (-)

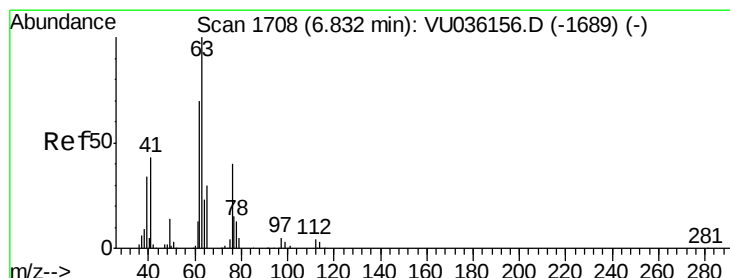
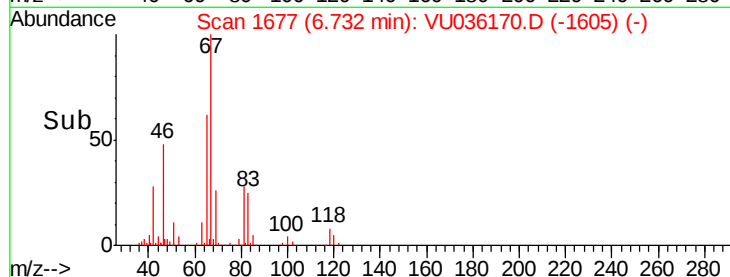
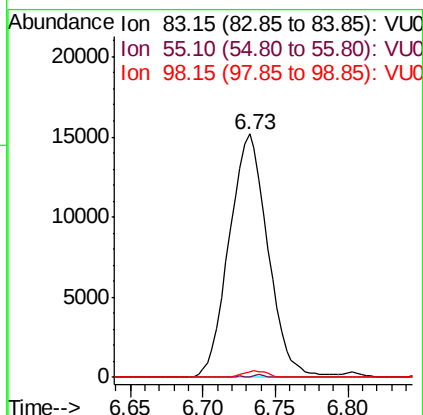
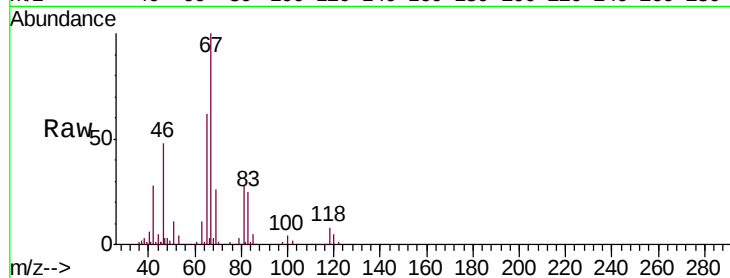




#35
Methylcyclohexane
Concen: 0.890 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036170.D
Acq: 13 Dec 2019 00:01

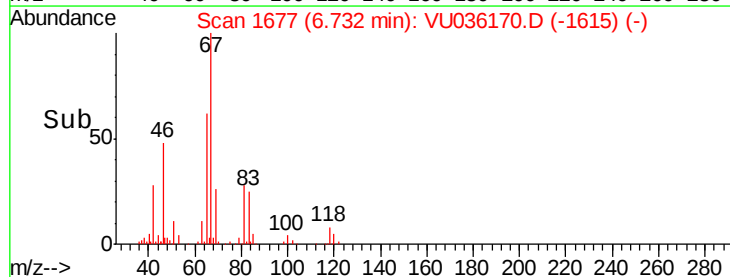
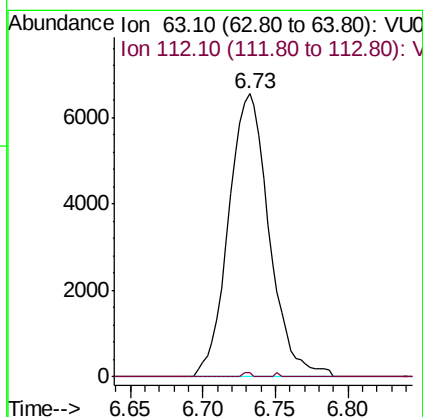
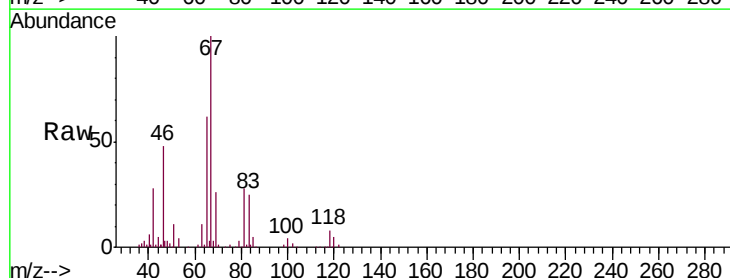
Instrument :
MSVOA_U
ClientSampleId :
BFDR0

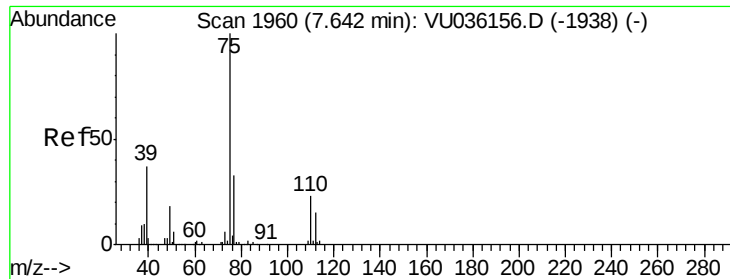
Tgt Ion: 83 Resp: 28144
Ion Ratio Lower Upper
83 100
55 0.3 61.9 92.9#
98 1.6 35.8 53.6#



#37
1,2-Dichloropropane
Concen: 0.571 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036170.D
Acq: 13 Dec 2019 00:01

Tgt Ion: 63 Resp: 12775
Ion Ratio Lower Upper
63 100
112 0.3 3.6 5.4#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.61 min Scan# 1949

Delta R.T. -0.04 min

Lab File: VU036170.D

Acq: 13 Dec 2019 00:01

Instrument :

MSVOA_U

ClientSampleId :

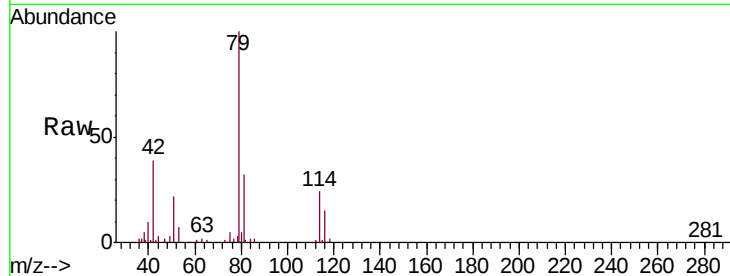
BFDR0

Tgt Ion: 75 Resp: 2888

Ion Ratio Lower Upper

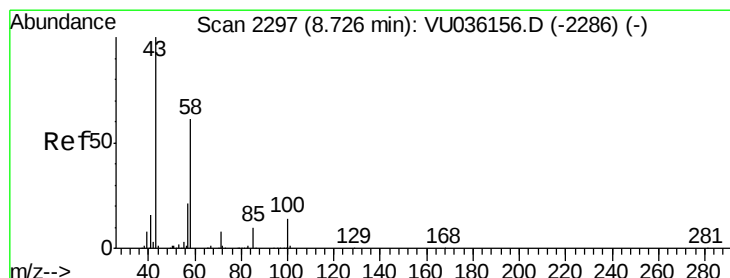
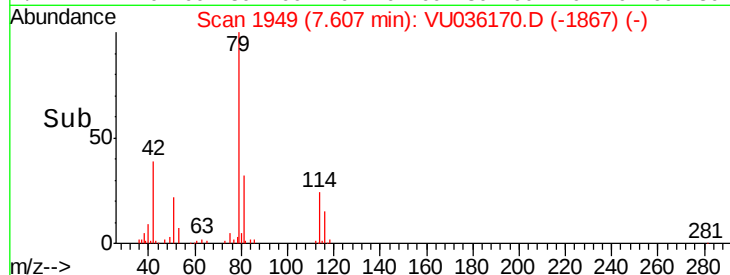
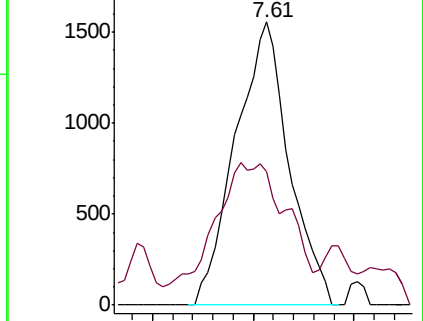
75 100

77 47.4 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU036170.D (-1949) (-)

Ion 77.05 (76.75 to 77.75): VU036170.D (-1949) (-)



#48

2-Hexanone

Concen: 1.031 ug/L

RT: 8.72 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU036170.D

Acq: 13 Dec 2019 00:01

Tgt Ion: 43 Resp: 8548

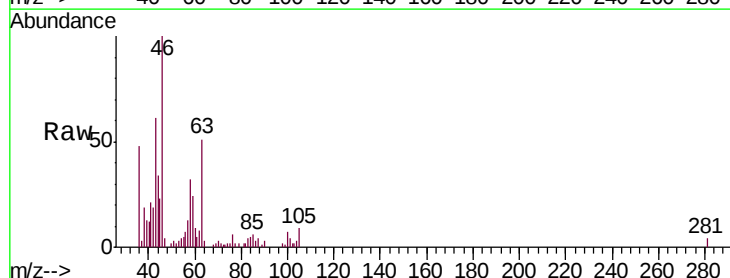
Ion Ratio Lower Upper

43 100

58 56.1 48.6 72.8

57 0.0 16.7 25.1#

100 11.1 10.6 15.8

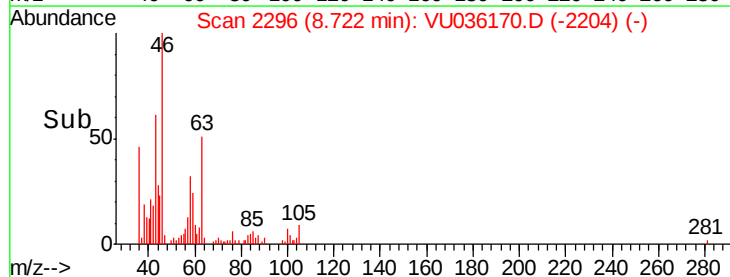
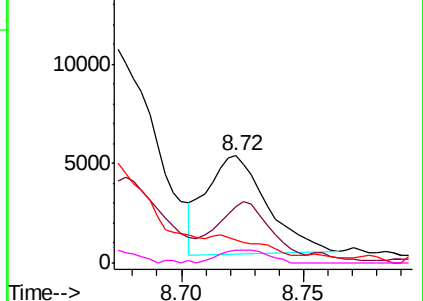


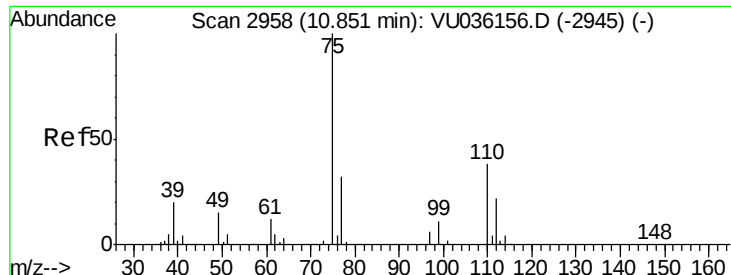
Abundance Ion 43.05 (42.75 to 43.75): VU036170.D (-2296) (-)

Ion 58.05 (57.75 to 58.75): VU036170.D (-2296) (-)

Ion 57.20 (56.90 to 57.90): VU036170.D (-2296) (-)

Ion 100.15 (99.85 to 100.85): VU036170.D (-2296) (-)





#59

1,2,3-Trichloropropane

Concen: 0.758 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036170.D

Acq: 13 Dec 2019 00:01

Instrument :

MSVOA_U

ClientSampleId :

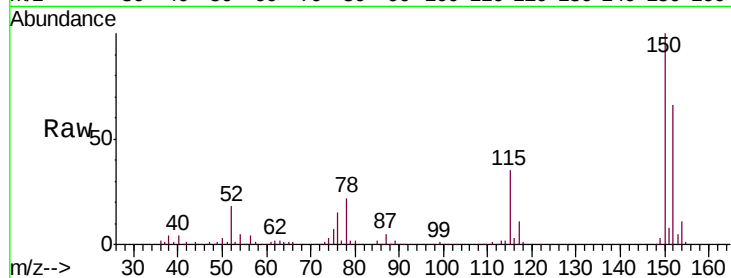
BFDR0

Tgt Ion: 75 Resp: 11187

Ion Ratio Lower Upper

75 100

77 39.4 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

