

Data File : VU036173.D
Acq On : 13 Dec 2019 01:14
Operator : JC/MD
Sample : K6273-16
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR3

Quant Time: Dec 13 02:48:26 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	226881	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	106136	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.93	69	105035	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.60	63	114673	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.68	46	223802	60.59	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.18%
24) Chloroform-d	5.11	84	145857	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.75	65	96528	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.77	84	326643	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.73	67	110178	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	260685	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.21	79	40202	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.68	63	158962	47.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.96%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	103754	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	93254	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

Target Compounds

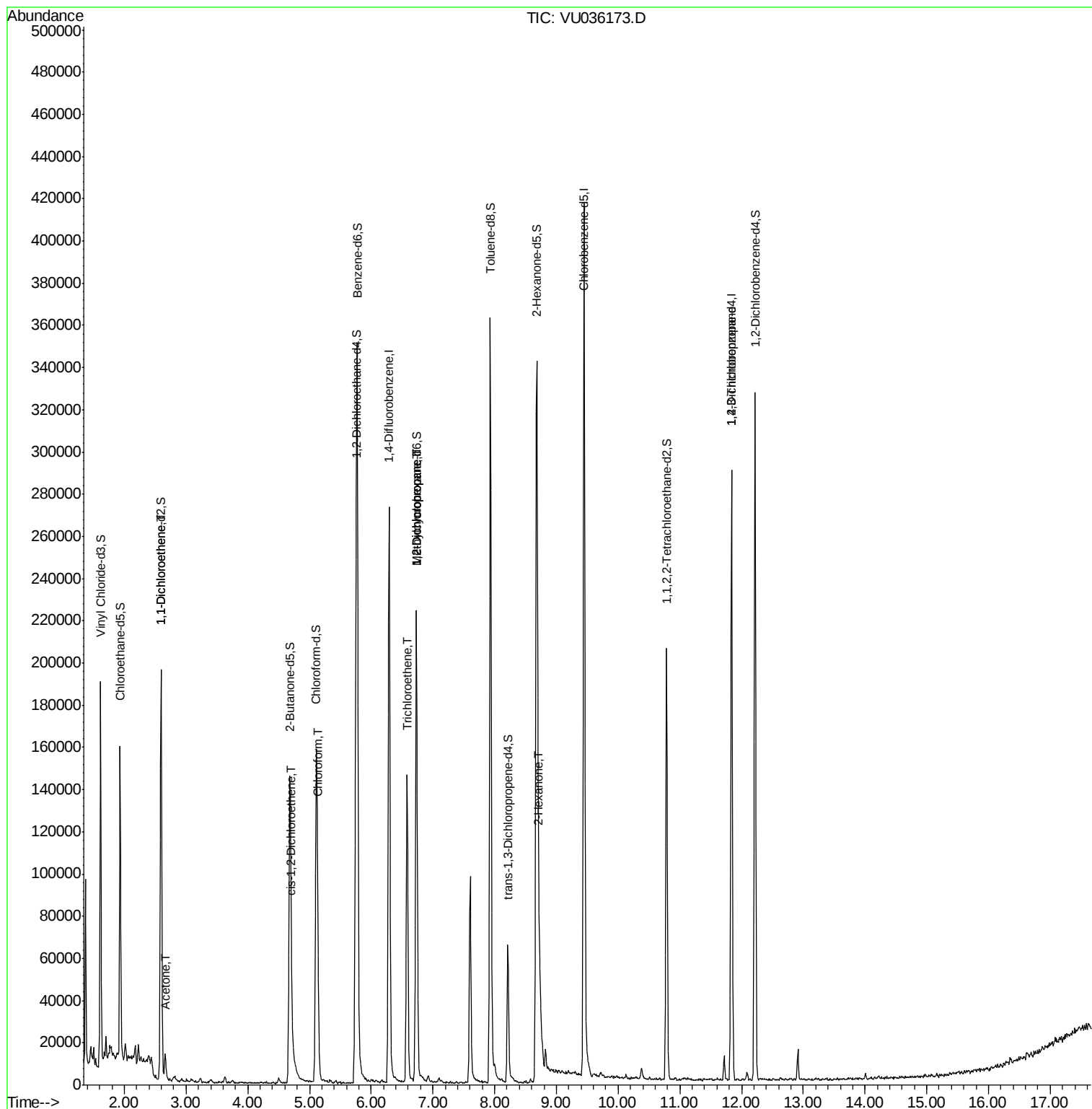
					Qvalue
12) 1,1-Dichloroethene	2.59	96	1087	0.064 ug/L #	1
13) Acetone	2.66	43	13225	4.116 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	2121	0.116 ug/L	81
25) Chloroform	5.14	83	34354	0.996 ug/L	96
34) Trichloroethene	6.58	95	51273	2.515 ug/L	95
35) Methylcyclohexane	6.73	83	26195	0.901 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11451	0.557 ug/L #	87
48) 2-Hexanone	8.72	43	12989	1.706 ug/L #	68
59) 1,2,3-Trichloropropane	11.83	75	8843	0.652 ug/L	89

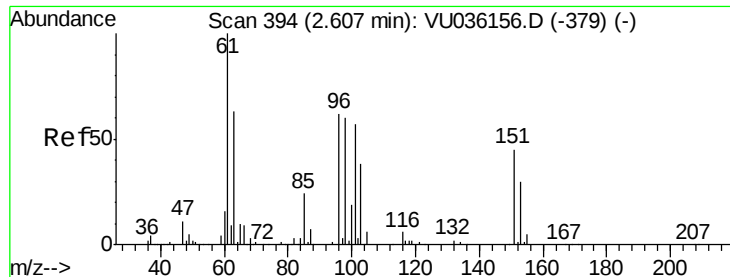
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.064 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.02 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFDR3

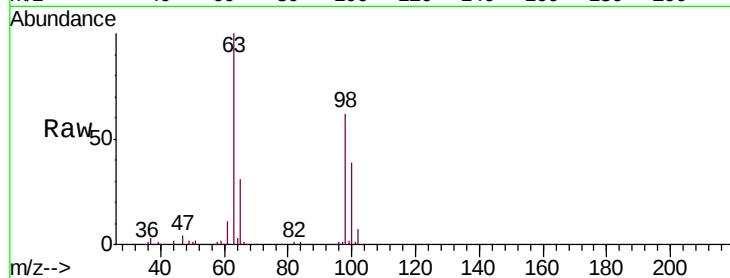
Tgt Ion: 96 Resp: 1087

Ion Ratio Lower Upper

96 100

61 1274.7 110.6 205.4#

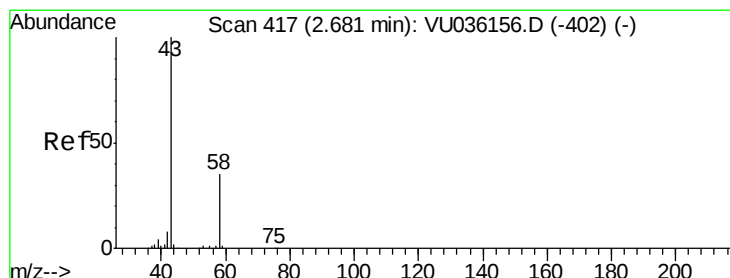
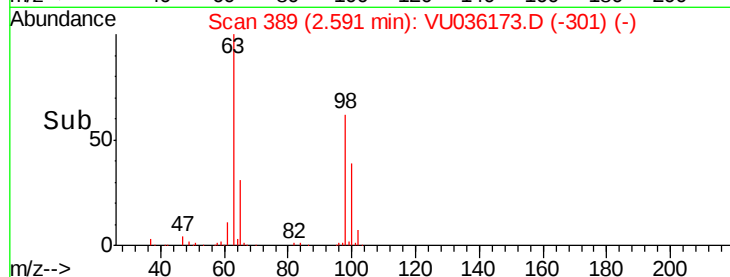
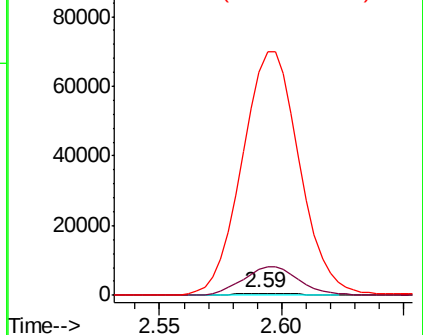
63 11134.5 71.6 133.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036173.D (-389) (-)

Ion 61.05 (60.75 to 61.75): VU036173.D (-389) (-)

Ion 63.00 (62.70 to 63.70): VU036173.D (-389) (-)



#13

Acetone

Concen: 4.116 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036173.D

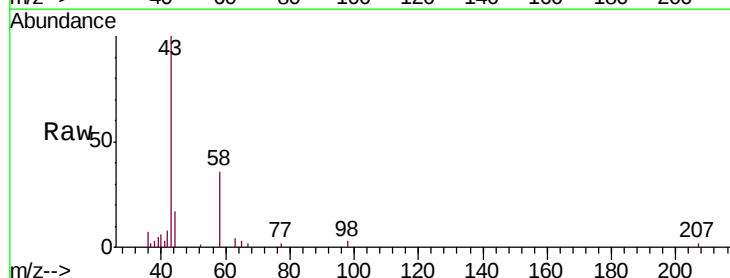
Acq: 13 Dec 2019 01:14

Tgt Ion: 43 Resp: 13225

Ion Ratio Lower Upper

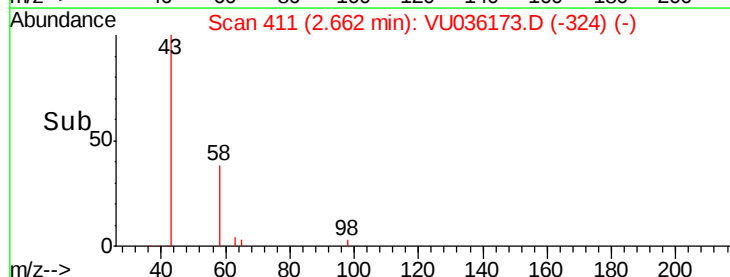
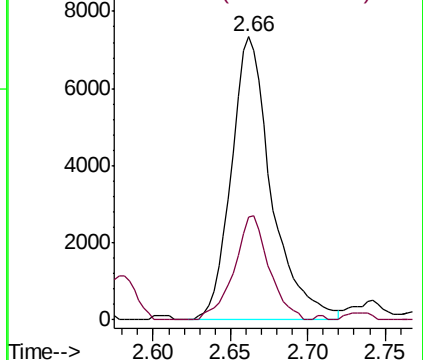
43 100

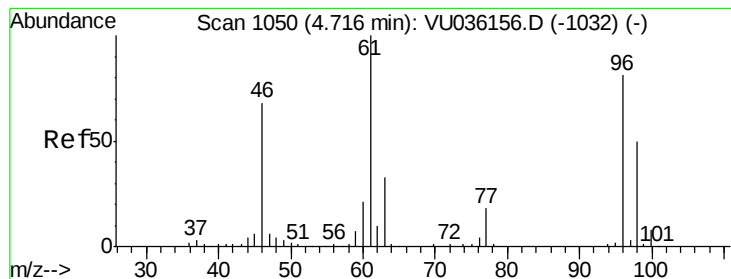
58 31.9 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036173.D (-411) (-)

Ion 58.05 (57.75 to 58.75): VU036173.D (-411) (-)





#22

cis-1,2-Dichloroethene

Concen: 0.116 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFDR3

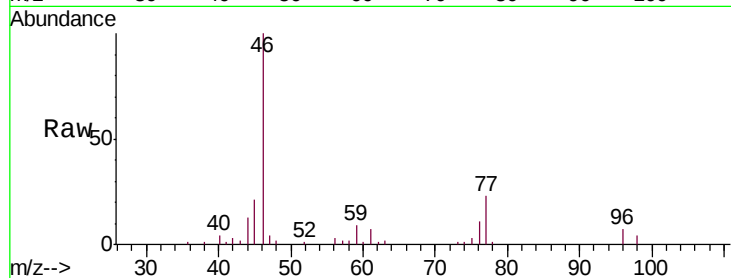
Tgt Ion: 96 Resp: 2121

Ion Ratio Lower Upper

96 100

61 99.2 83.8 155.6

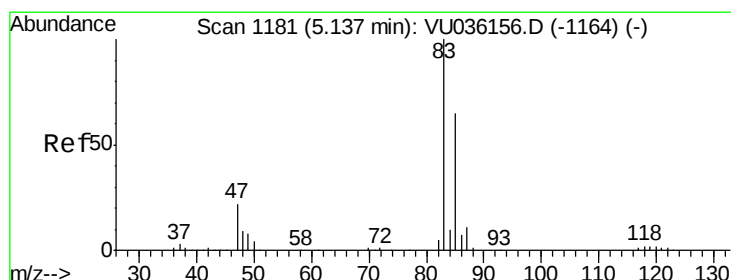
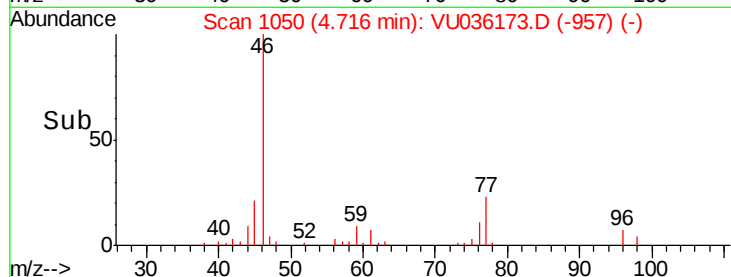
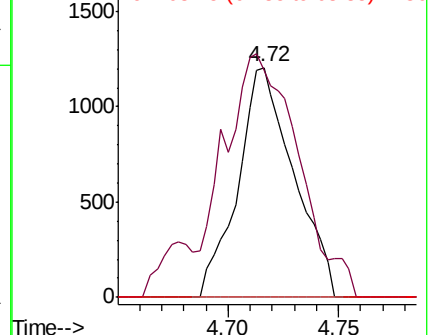
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036173.D (-1057) (-)

Ion 61.05 (60.75 to 61.75): VU036173.D (-1057) (-)

Ion 68.15 (67.85 to 68.85): VU036173.D (-1057) (-)



#25

Chloroform

Concen: 0.996 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VU036173.D

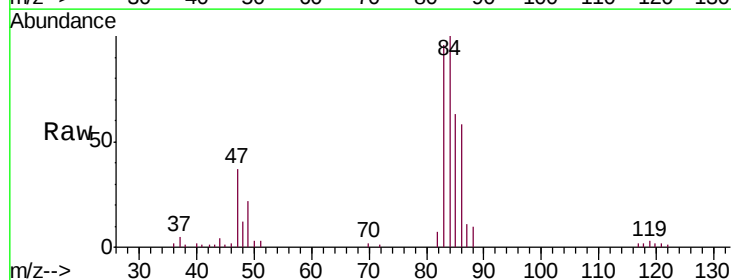
Acq: 13 Dec 2019 01:14

Tgt Ion: 83 Resp: 34354

Ion Ratio Lower Upper

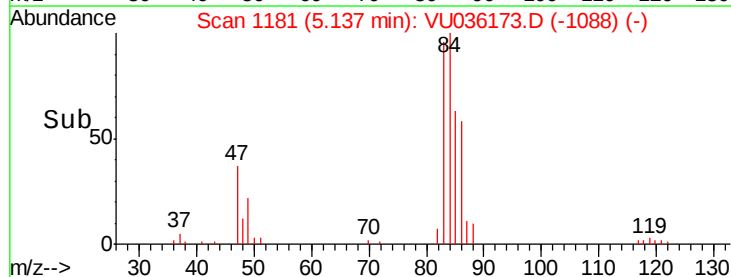
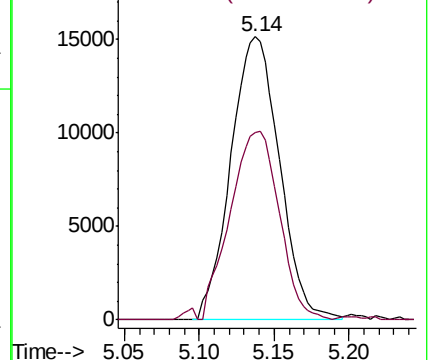
83 100

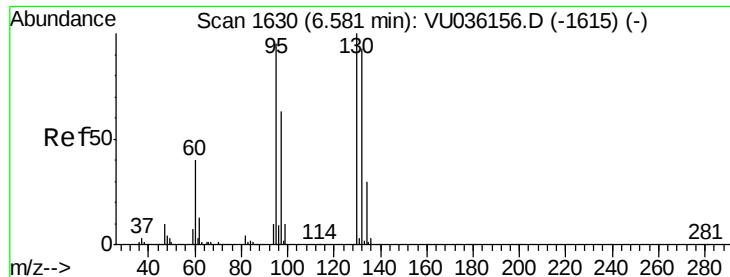
85 66.4 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036173.D (-1188) (-)

Ion 85.00 (84.70 to 85.70): VU036173.D (-1188) (-)





#34

Trichloroethene

Concen: 2.515 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFDR3

Tgt Ion: 95 Resp: 51273

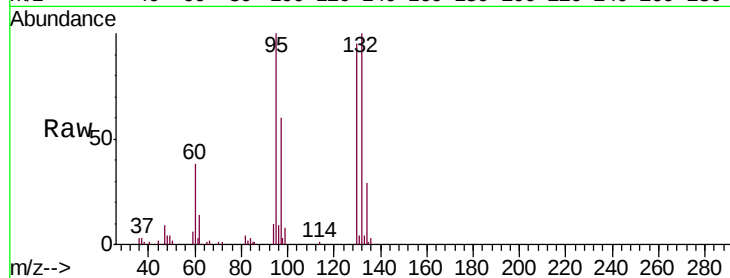
Ion Ratio Lower Upper

95 100

97 59.5 43.7 81.1

132 100.1 71.7 133.3

130 95.3 73.1 135.7

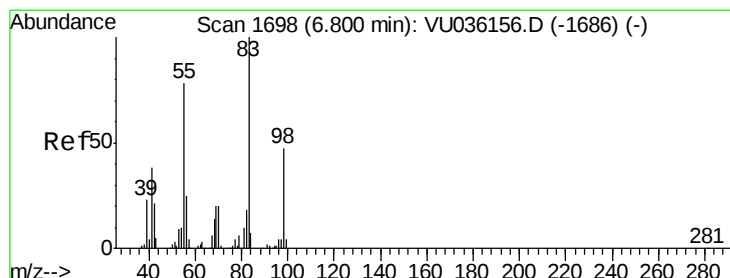
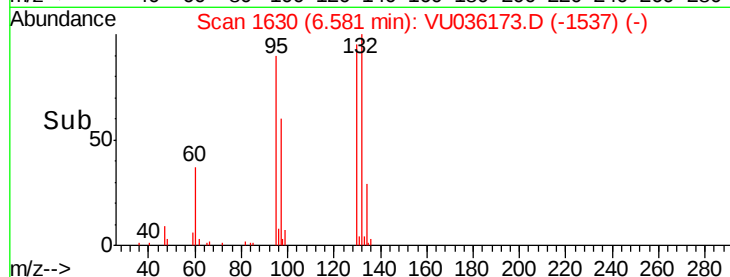
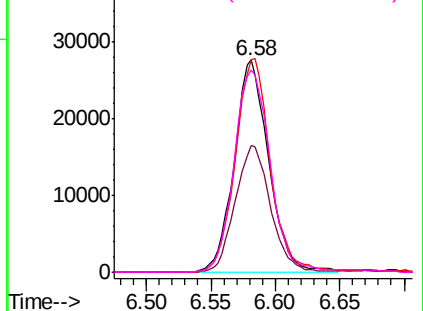


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.901 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

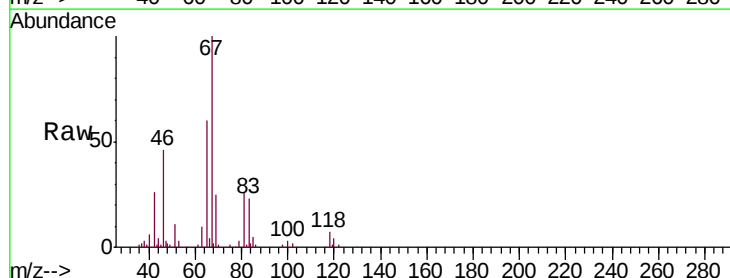
Tgt Ion: 83 Resp: 26195

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

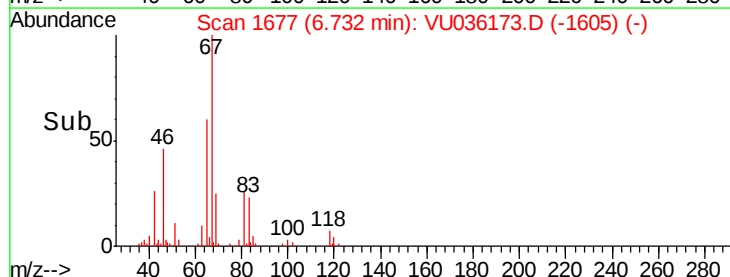
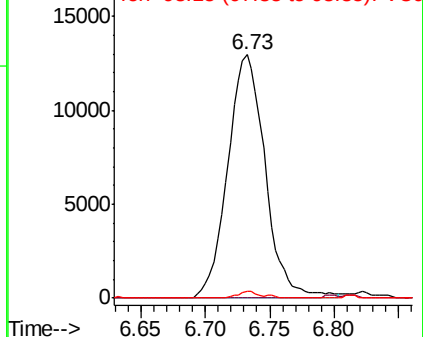
98 1.4 35.8 53.6#

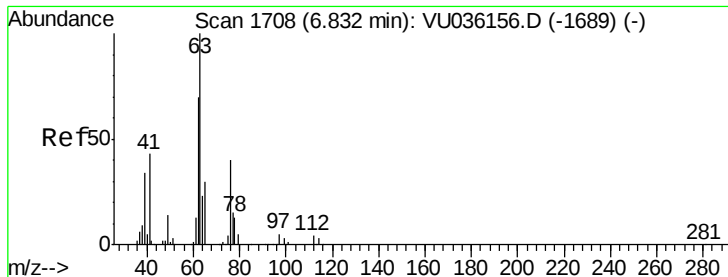


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

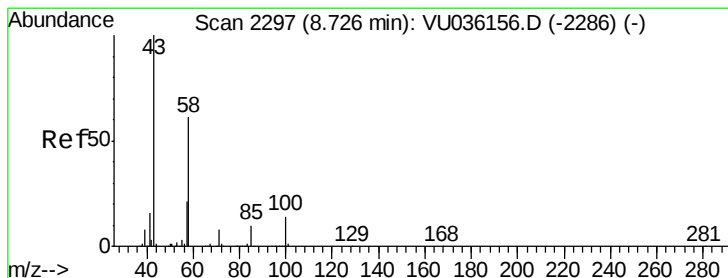
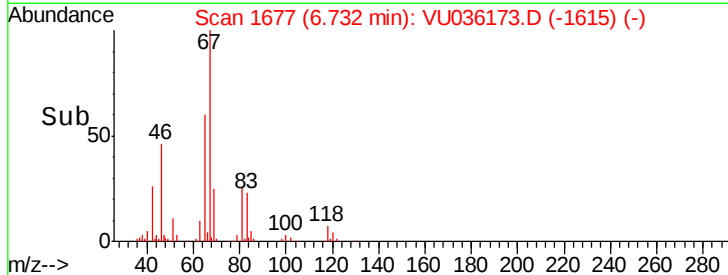
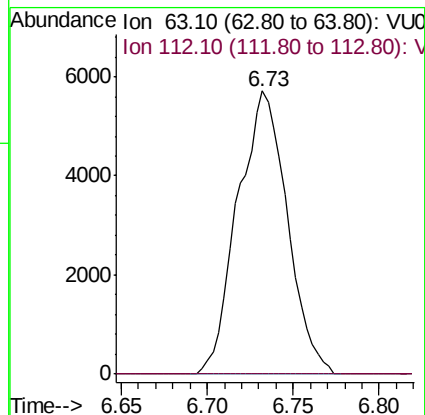
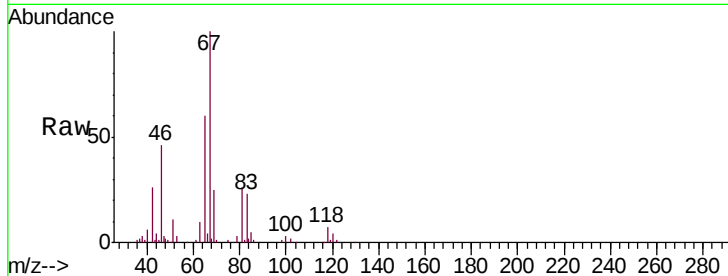
BFDR3

Tgt Ion: 63 Resp: 11451

Ion Ratio Lower Upper

63 100

112 0.2 3.6 5.4#



#48

2-Hexanone

Concen: 1.706 ug/L

RT: 8.72 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Tgt Ion: 43 Resp: 12989

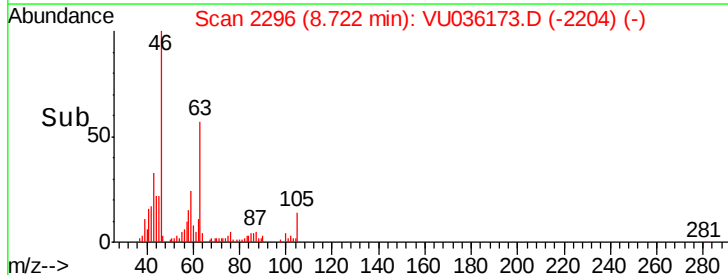
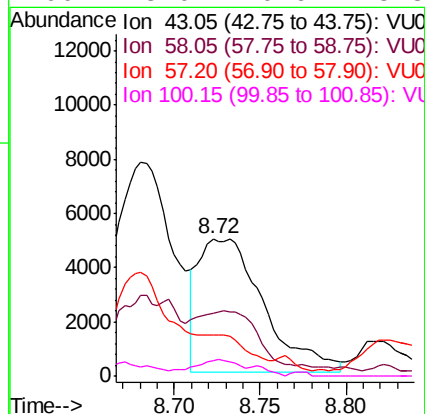
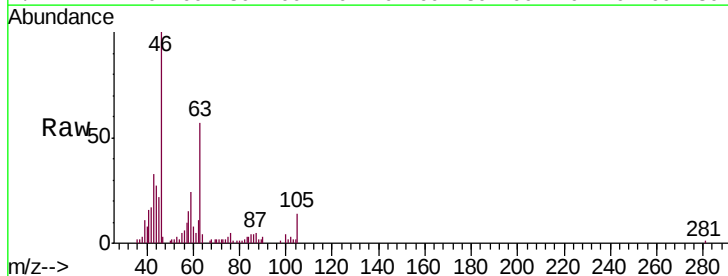
Ion Ratio Lower Upper

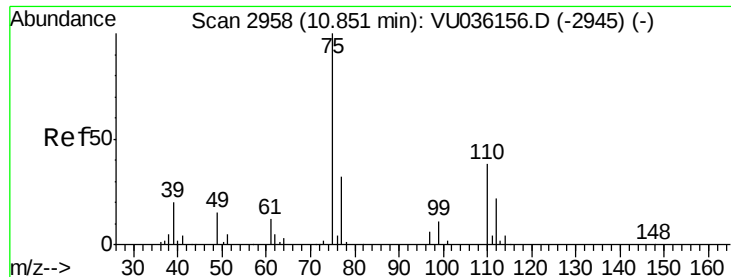
43 100

58 37.9 48.6 72.8#

57 0.0 16.7 25.1#

100 5.0 10.6 15.8#





#59

1,2,3-Trichloropropane

Concen: 0.652 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036173.D

Acq: 13 Dec 2019 01:14

Instrument :

MSVOA_U

ClientSampleId :

BFDR3

Tgt Ion: 75 Resp: 8843

Ion Ratio Lower Upper

75 100

77 39.3 26.6 39.8

