

Data File : VU036171.D
Acq On : 13 Dec 2019 00:26
Operator : JC/MD
Sample : K6273-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR1

Quant Time: Dec 13 02:48:04 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	253951	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	285158	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108087	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	130829	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.93	69	117930	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	132532	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.68	46	218053	52.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.11	84	201071	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.75	65	102723	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.77	84	371505	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	121779	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	299154	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.21	79	41082	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.67	63	166226	45.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	105988	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	110843	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

					Qvalue
13) Acetone	2.67	43	17098	4.754	ug/L 97
14) Carbon disulfide	2.82	76	6854	0.108	ug/L 98
25) Chloroform	5.14	83	6619	0.171	ug/L 86
35) Methylcyclohexane	6.73	83	28873	0.903	ug/L # 19
37) 1,2-Dichloropropane	6.73	63	13291	0.587	ug/L # 87
38) Bromodichloromethane	7.14	83	1756	0.061	ug/L # 71
39) cis-1,3-Dichloropropene	7.60	75	2993	0.100	ug/L # 70
48) 2-Hexanone	8.72	43	10834	1.293	ug/L # 75
59) 1,2,3-Trichloropropane	11.83	75	11324	0.759	ug/L 96

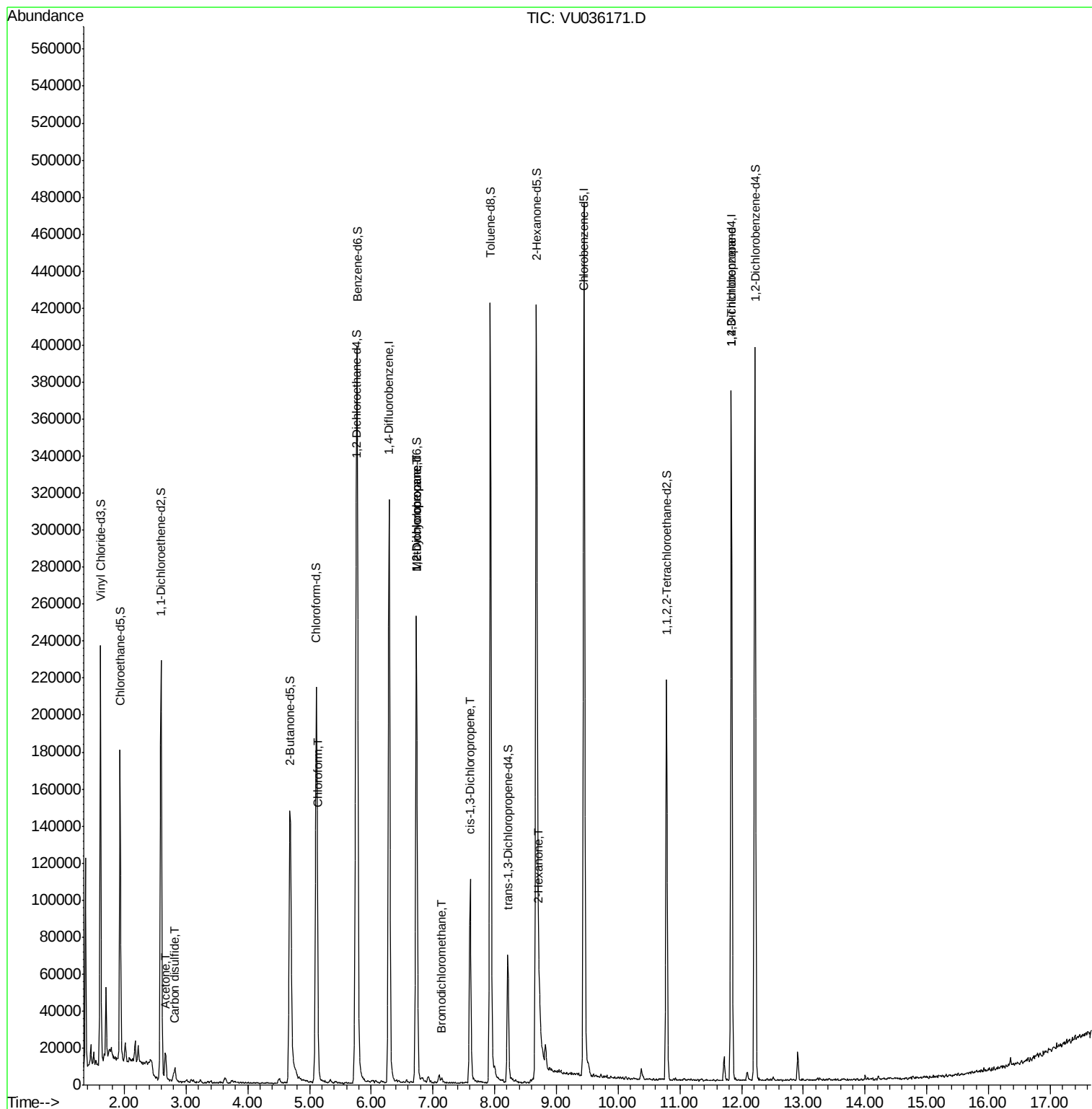
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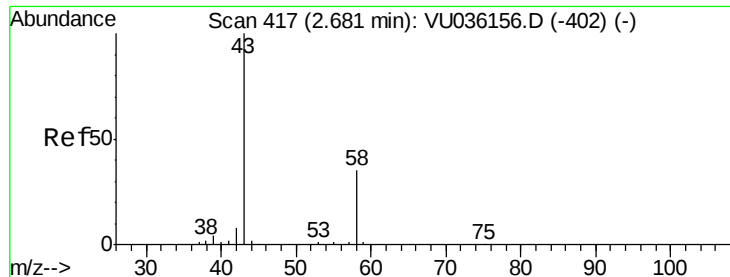
Data File : VU036171.D

```
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QLast Update : Fri Dec 13 02:41:23 2019
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#13

Acetone

Concen: 4.754 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.01 min

Lab File: VU036171.D

Acq: 13 Dec 2019 00:26

Instrument :

MSVOA_U

ClientSampleId :

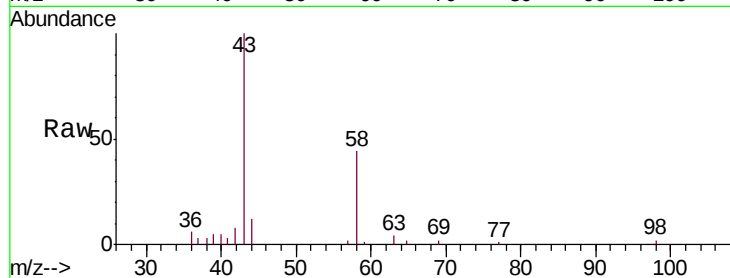
BFDR1

Tgt Ion: 43 Resp: 17098

Ion Ratio Lower Upper

43 100

58 36.8 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036171.D (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036171.D (-324) (-)

2.67

8000

6000

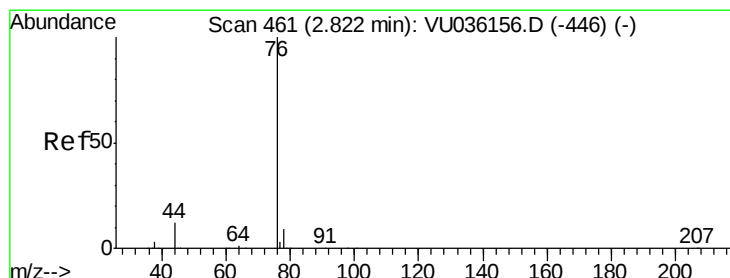
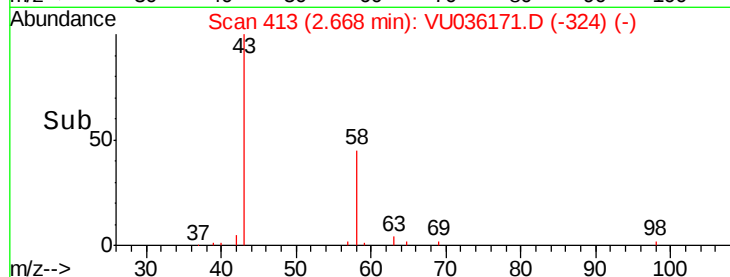
4000

2000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon disulfide

Concen: 0.108 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU036171.D

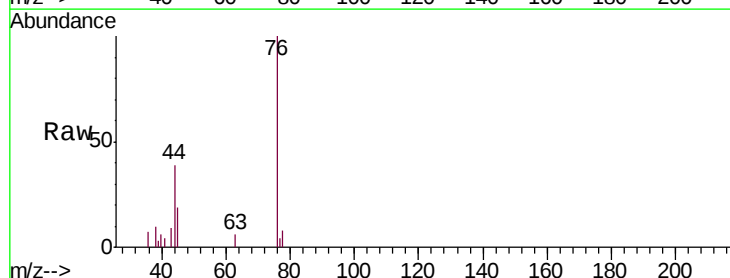
Acq: 13 Dec 2019 00:26

Tgt Ion: 76 Resp: 6854

Ion Ratio Lower Upper

76 100

78 8.2 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VU036171.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU036171.D (-368) (-)

2.82

5000

4000

3000

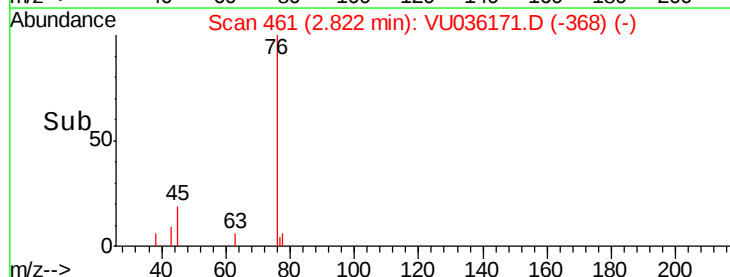
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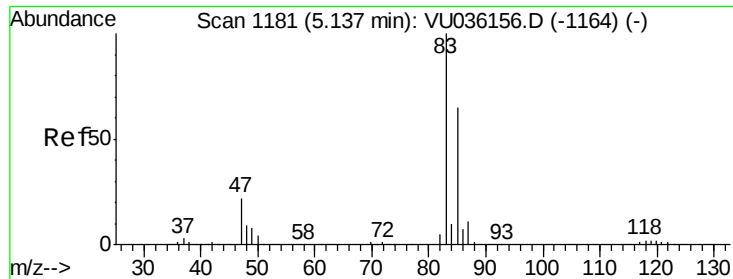
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0

2.80 2.85

Time-->

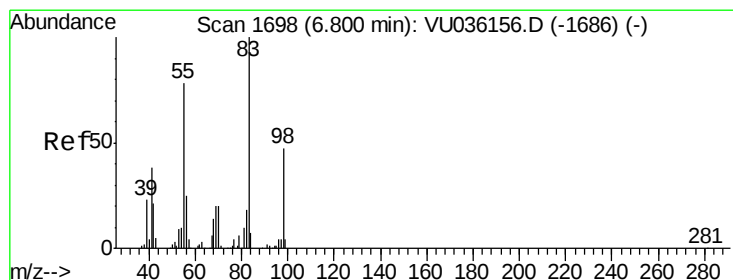
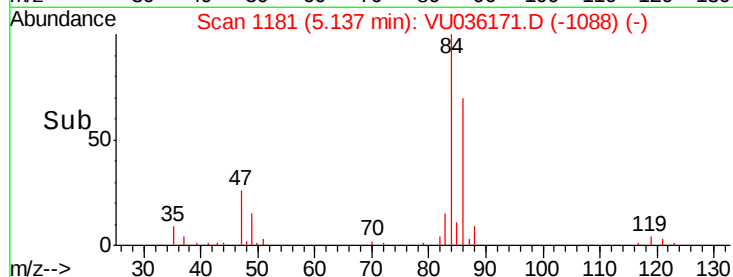
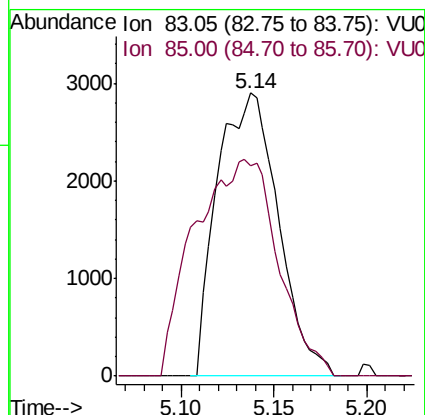
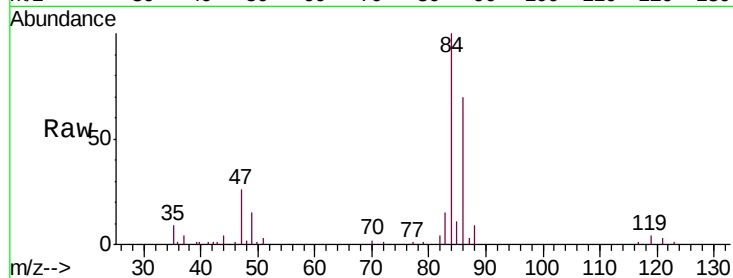




#25
Chloroform
Concen: 0.171 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU036171.D
Acq: 13 Dec 2019 00:26

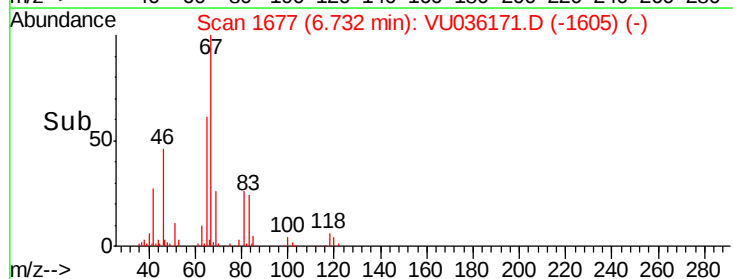
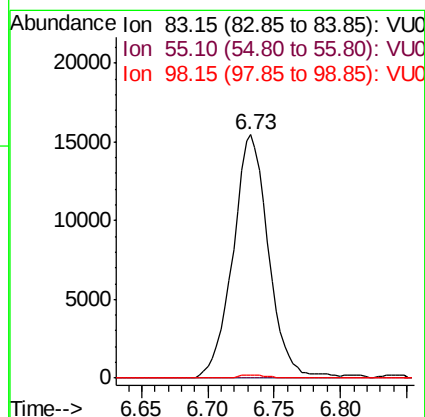
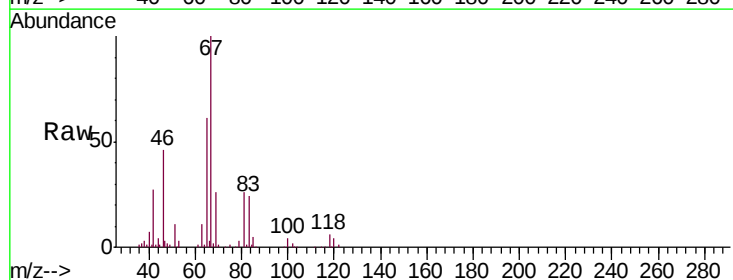
Instrument :
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BFDR1

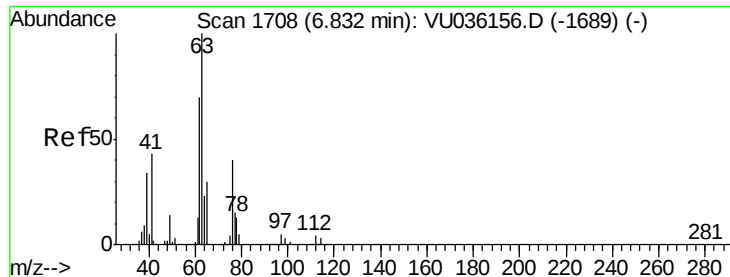
Tgt Ion: 83 Resp: 6619
Ion Ratio Lower Upper
83 100
85 74.2 44.2 82.0



#35
Methylcyclohexane
Concen: 0.903 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036171.D
Acq: 13 Dec 2019 00:26

Tgt Ion: 83 Resp: 28873
Ion Ratio Lower Upper
83 100
55 0.7 61.9 92.9#
98 0.9 35.8 53.6#

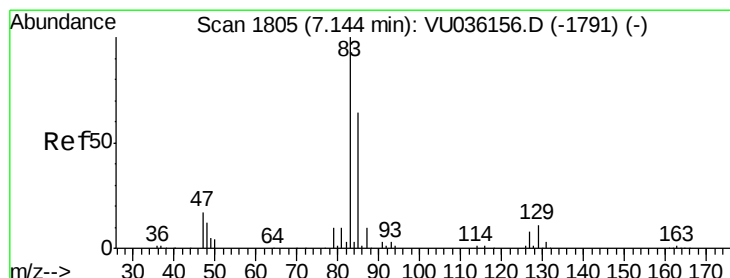
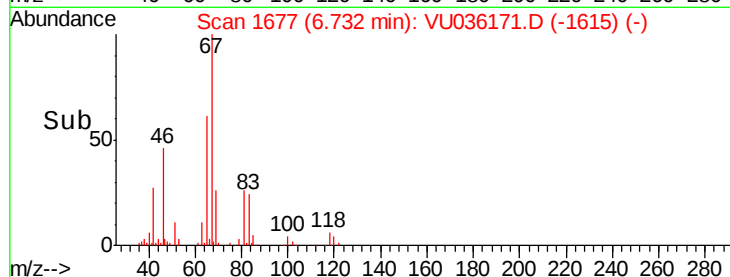
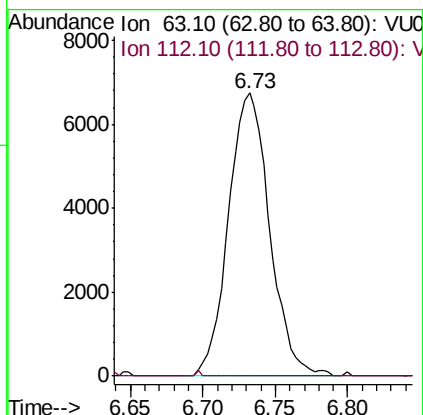
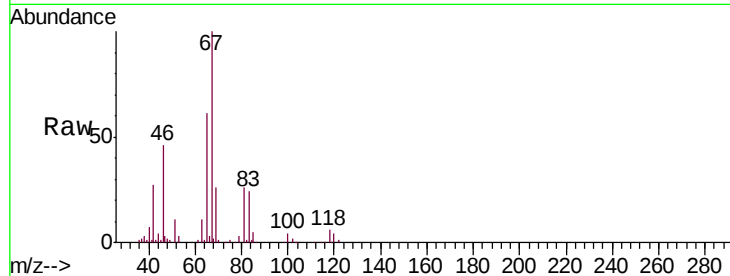




#37
 1,2-Dichloropropane
 Concen: 0.587 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036171.D
 Acq: 13 Dec 2019 00:26

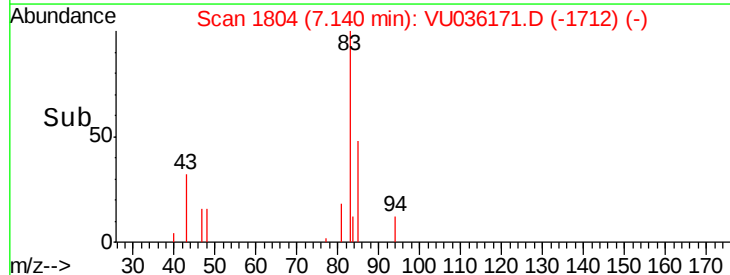
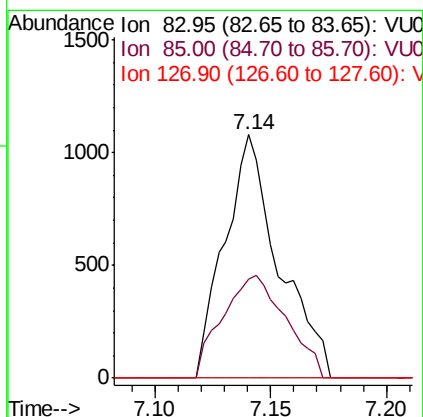
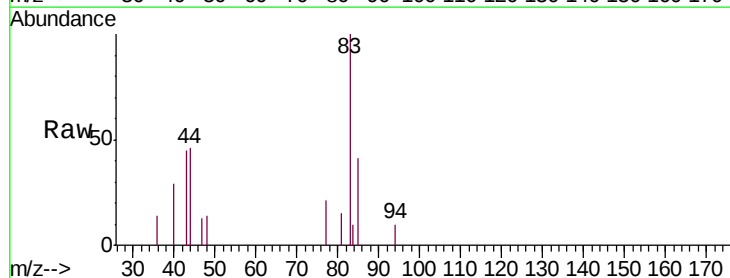
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR1

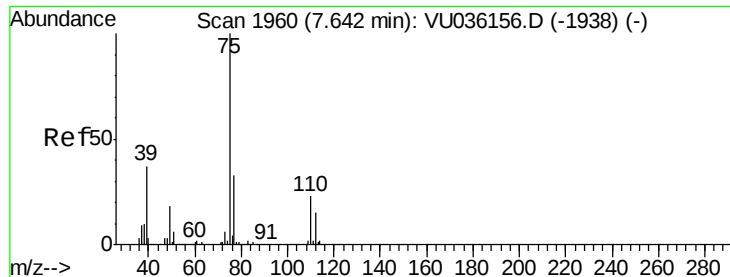
Tgt Ion: 63 Resp: 13291
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.061 ug/L
 RT: 7.14 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VU036171.D
 Acq: 13 Dec 2019 00:26

Tgt Ion: 83 Resp: 1756
 Ion Ratio Lower Upper
 83 100
 85 40.6 44.7 83.1#
 127 0.0 7.4 11.0#

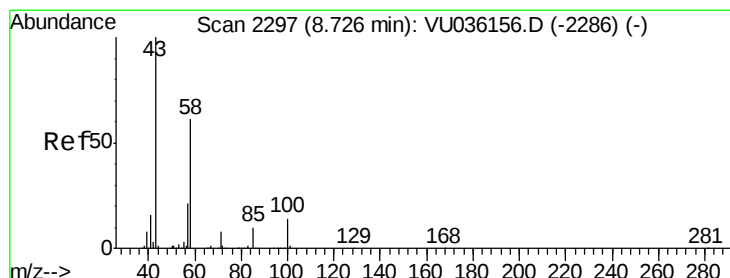
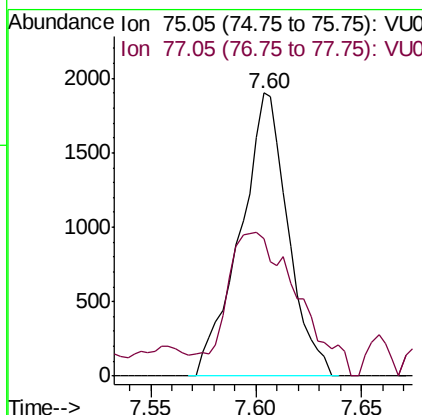
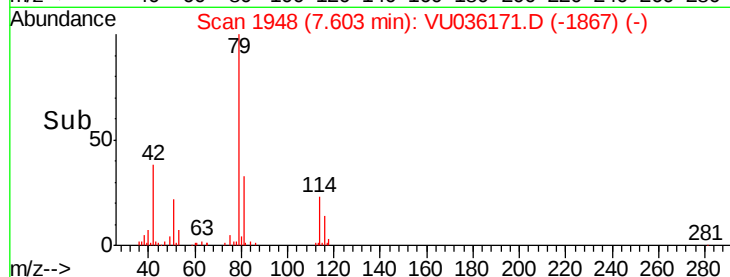
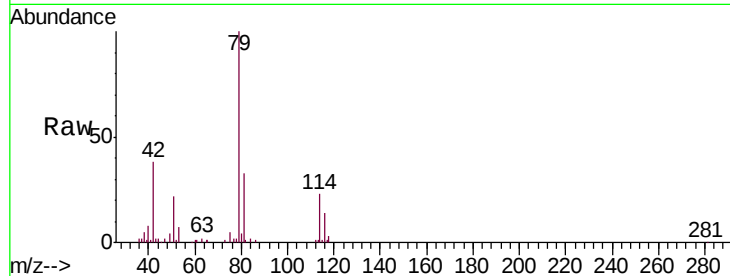




#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036171.D
 Acq: 13 Dec 2019 00:26

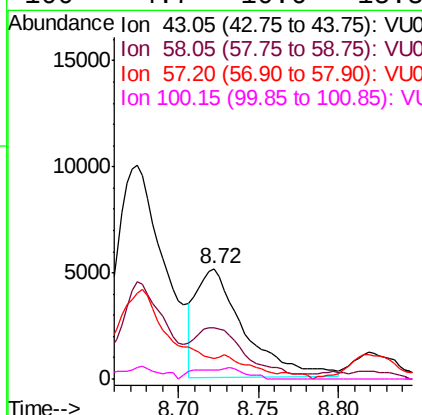
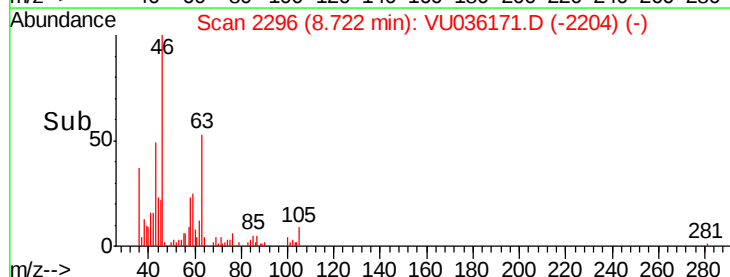
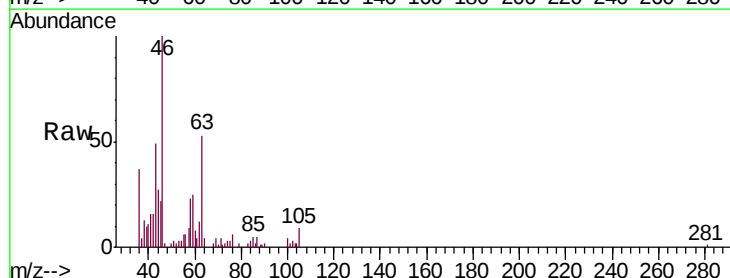
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR1

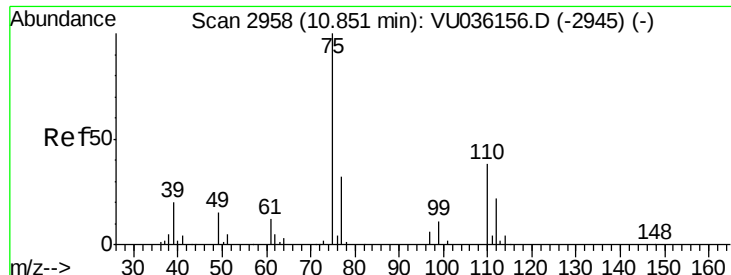
Tgt Ion: 75 Resp: 2993
 Ion Ratio Lower Upper
 75 100
 77 48.5 22.3 41.5#



#48
 2-Hexanone
 Concen: 1.293 ug/L
 RT: 8.72 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: VU036171.D
 Acq: 13 Dec 2019 00:26

Tgt Ion: 43 Resp: 10834
 Ion Ratio Lower Upper
 43 100
 58 46.0 48.6 72.8#
 57 0.0 16.7 25.1#
 100 4.7 10.6 15.8#





#59

1,2,3-Trichloropropane

Concen: 0.759 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036171.D

Acq: 13 Dec 2019 00:26

Instrument :

MSVOA_U

ClientSampleId :

BFDR1

Tgt Ion: 75 Resp: 11324

Ion Ratio Lower Upper

75 100

77 35.7 26.6 39.8

