

Data File : VU036172.D
Acq On : 13 Dec 2019 00:50
Operator : JC/MD
Sample : K6273-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDR2

Quant Time: Dec 13 02:48:15 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	215780	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244334	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81711	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	102898	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.94	69	99944	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	111605	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.68	46	246773	70.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	140.48%#
24) Chloroform-d	5.11	84	159915	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.75	65	94817	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	5.77	84	320602	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	106744	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.93	98	250856	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.21	79	39442	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.68	63	177754	56.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.82%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	107728	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	89990	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

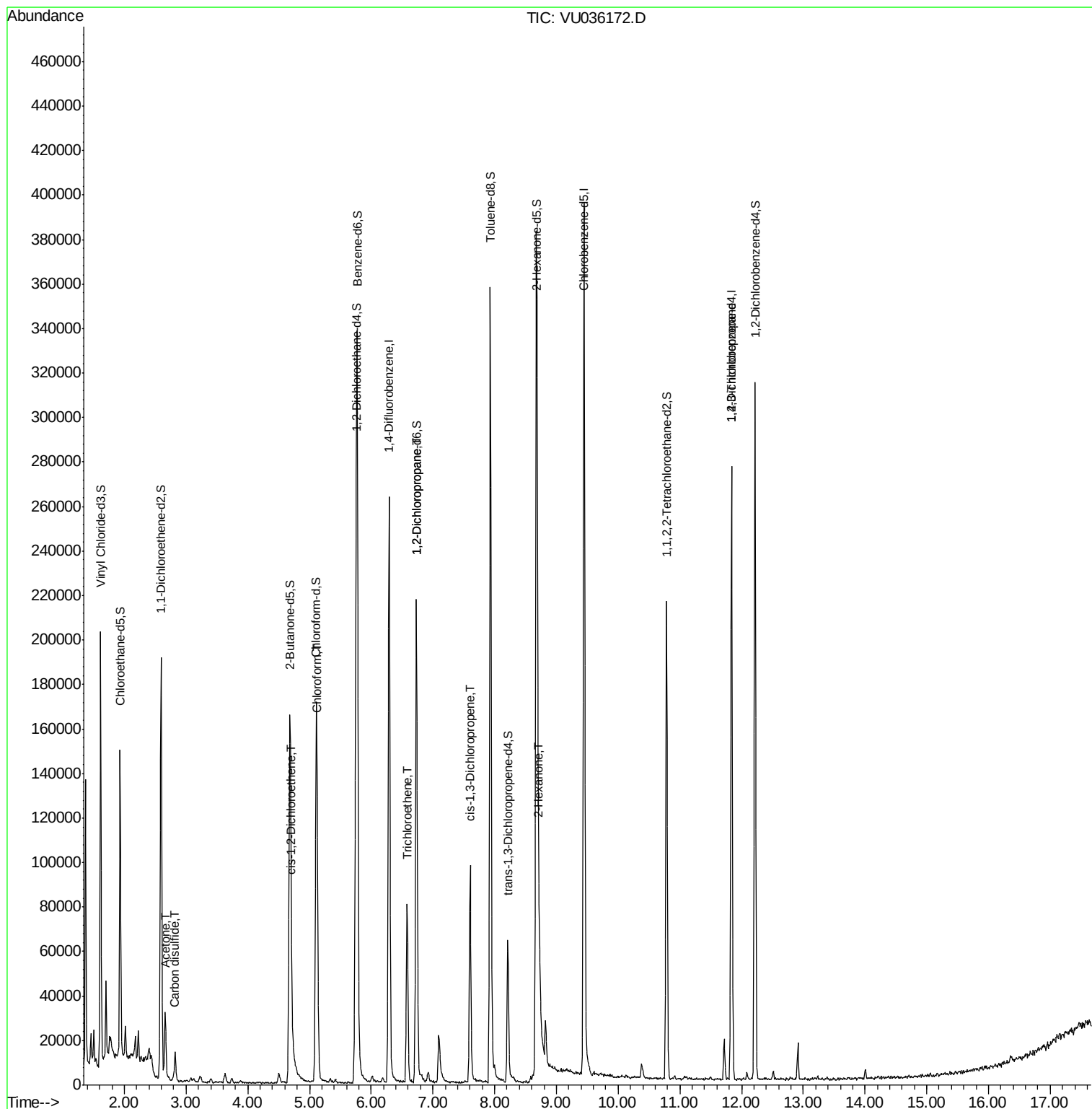
					Qvalue
13) Acetone	2.66	43	31697	10.371 ug/L	98
14) Carbon disulfide	2.83	76	16470	0.305 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	3212	0.185 ug/L	96
25) Chloroform	5.13	83	16906	0.515 ug/L	100
34) Trichloroethene	6.58	95	27843	1.449 ug/L	94
37) 1,2-Dichloropropane	6.73	63	10913	0.563 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2544	0.099 ug/L #	55
48) 2-Hexanone	8.72	43	8879	1.237 ug/L #	75
59) 1,2,3-Trichloropropane	11.83	75	8904	0.697 ug/L	91

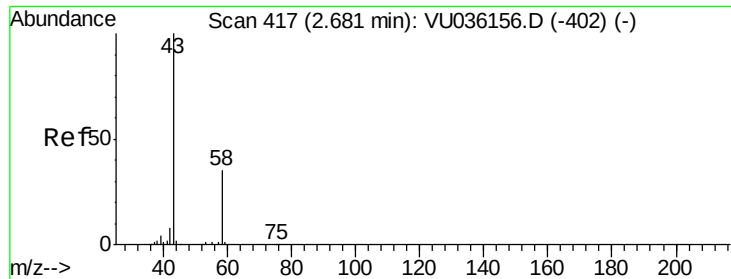
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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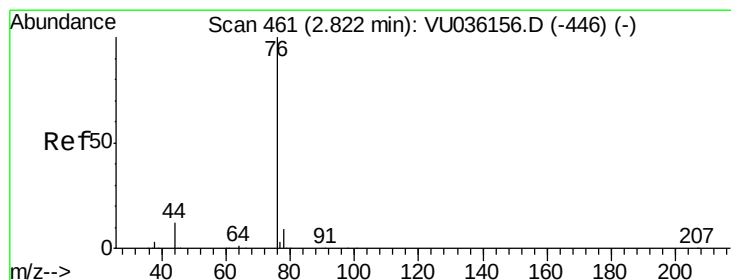
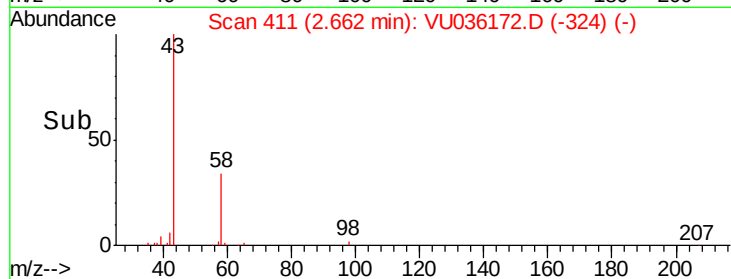
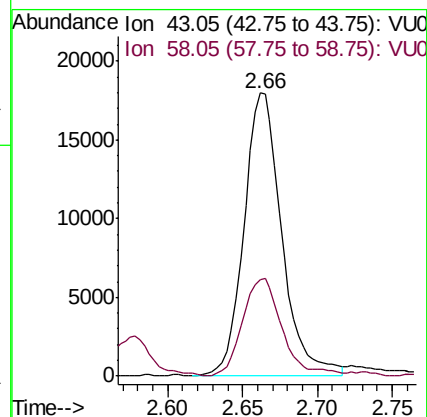
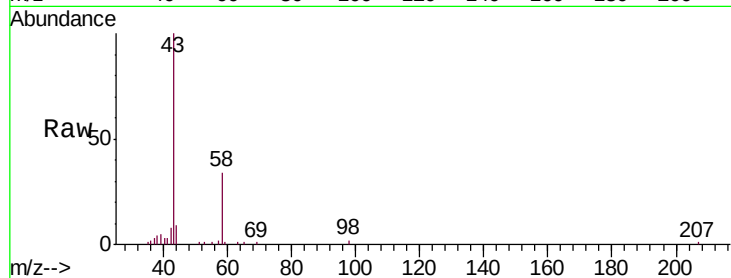




#13
Acetone
Concen: 10.371 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.02 min
Lab File: VU036172.D
Acq: 13 Dec 2019 00:50

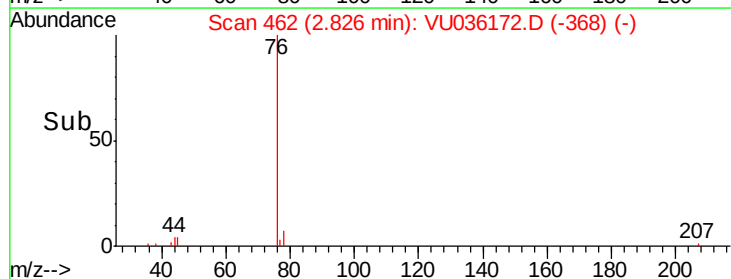
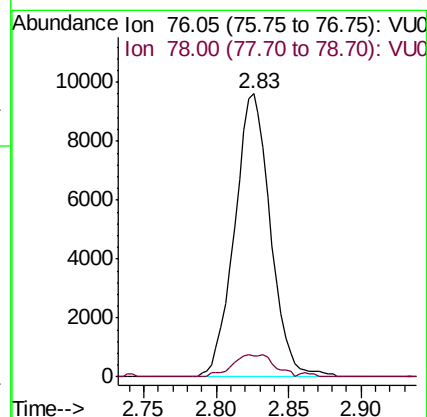
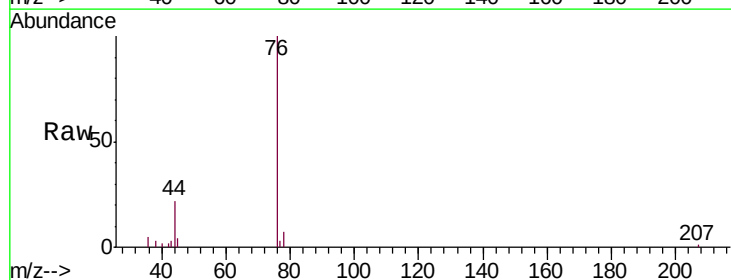
Instrument :
MSVOA_U
ClientSampleId :
BFDR2

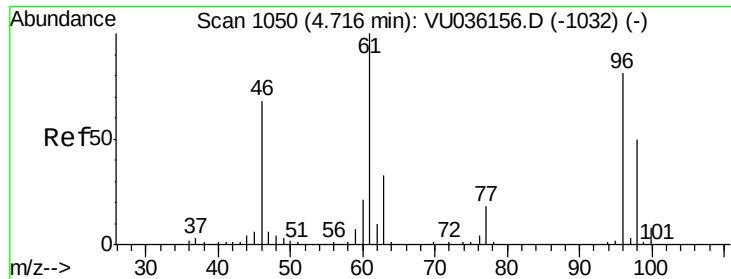
Tgt Ion: 43 Resp: 31697
Ion Ratio Lower Upper
43 100
58 36.1 0.0 70.0



#14
Carbon disulfide
Concen: 0.305 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU036172.D
Acq: 13 Dec 2019 00:50

Tgt Ion: 76 Resp: 16470
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

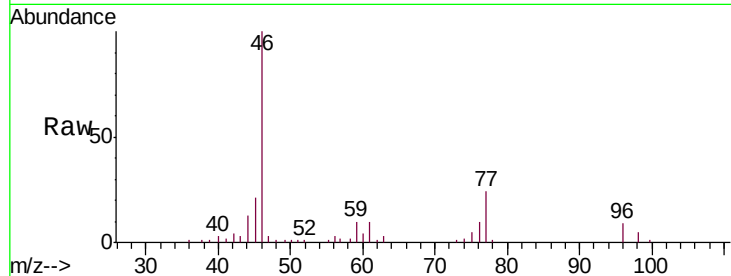




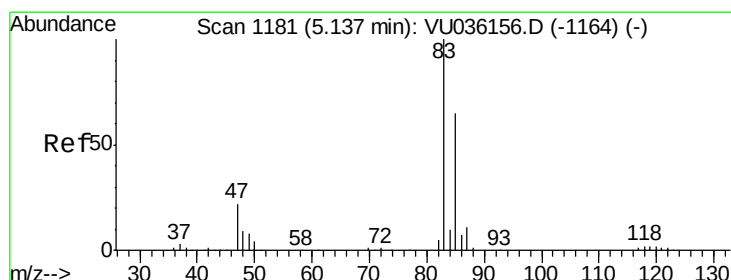
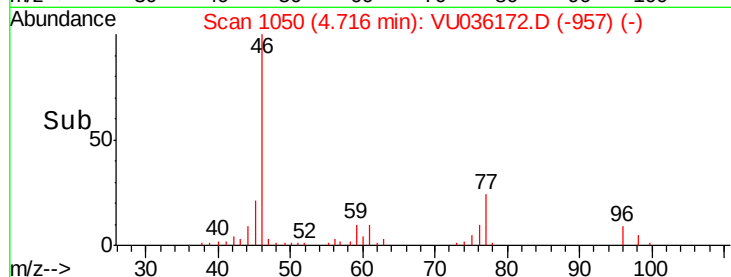
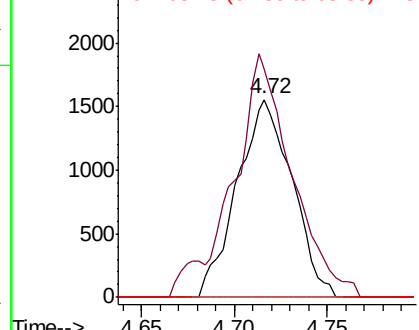
#22
 cis-1,2-Dichloroethene
 Concen: 0.185 ug/L
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU036172.D
 Acq: 13 Dec 2019 00:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDR2

Tgt Ion: 96 Resp: 3212
 Ion Ratio Lower Upper
 96 100
 61 115.2 83.8 155.6
 68 0.0 0.0 0.0

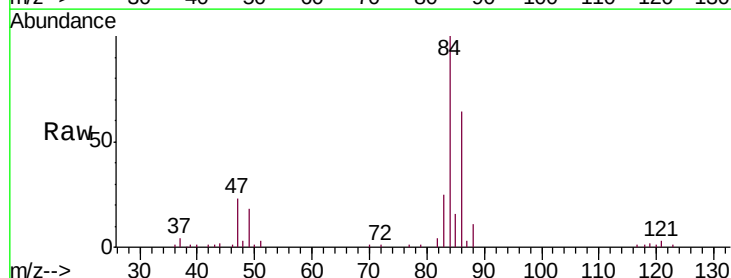


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

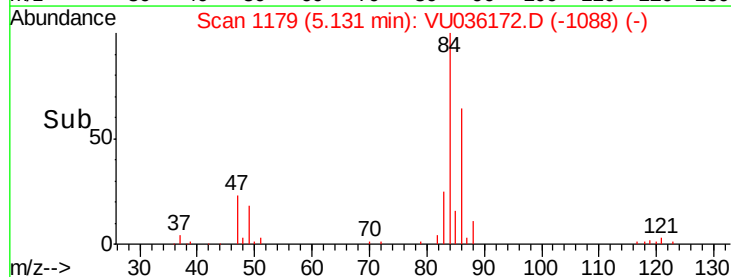
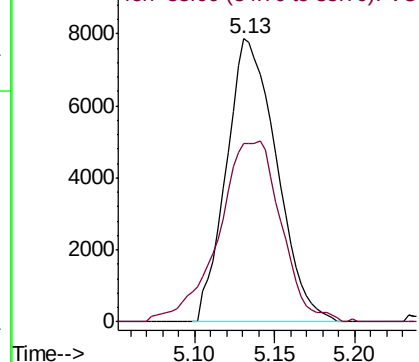


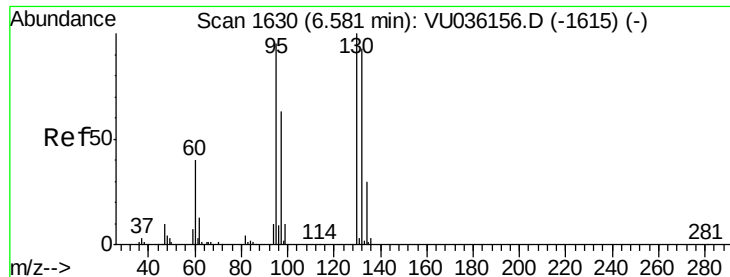
#25
 Chloroform
 Concen: 0.515 ug/L
 RT: 5.13 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: VU036172.D
 Acq: 13 Dec 2019 00:50

Tgt Ion: 83 Resp: 16906
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.449 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036172.D

Acq: 13 Dec 2019 00:50

Instrument :

MSVOA_U

ClientSampleId :

BFDR2

Tgt Ion: 95 Resp: 27843

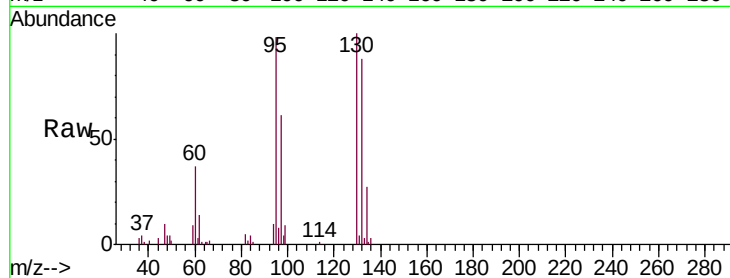
Ion Ratio Lower Upper

95 100

97 62.6 43.7 81.1

132 89.3 71.7 133.3

130 101.9 73.1 135.7

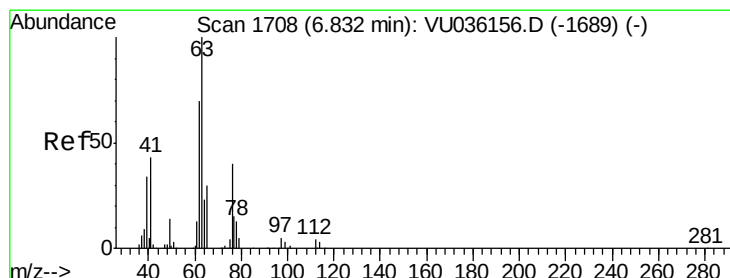
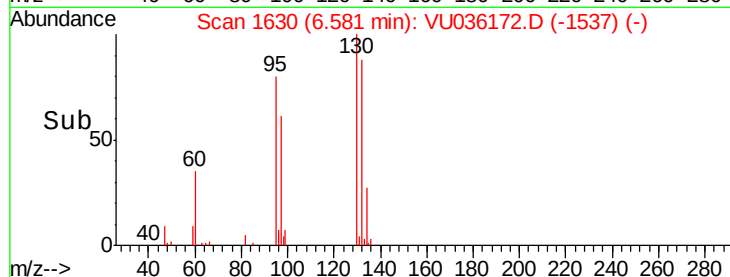
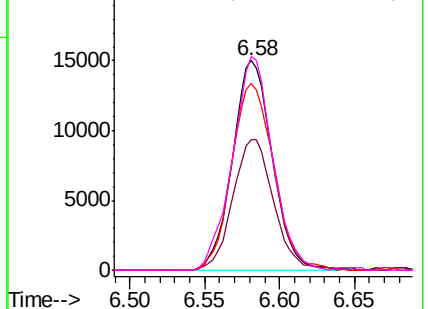


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036172.D

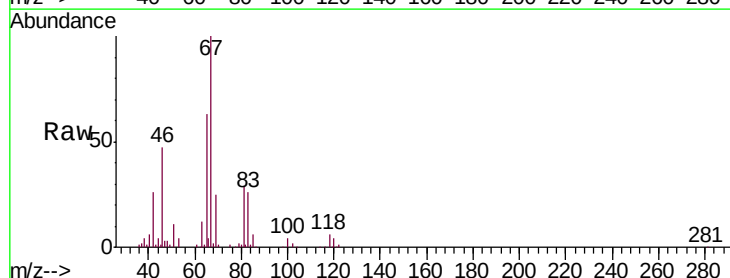
Acq: 13 Dec 2019 00:50

Tgt Ion: 63 Resp: 10913

Ion Ratio Lower Upper

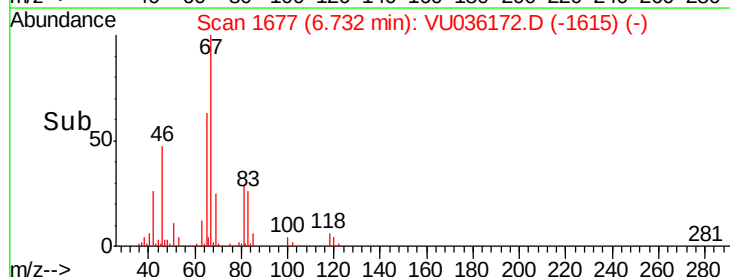
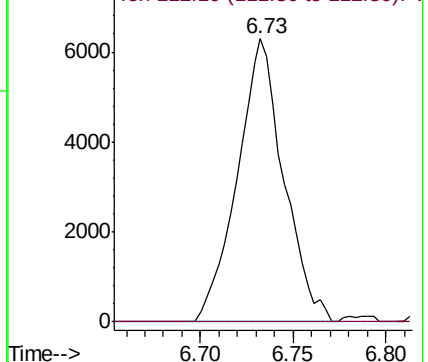
63 100

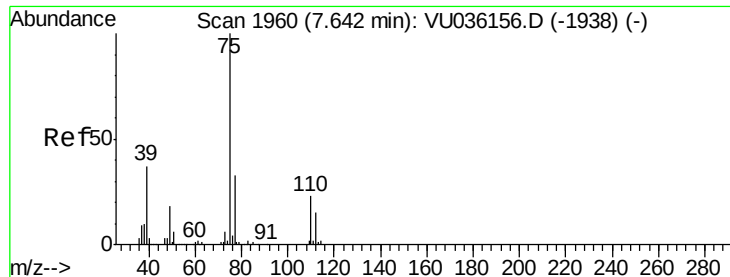
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036172.D

Acq: 13 Dec 2019 00:50

Instrument :

MSVOA_U

ClientSampleId :

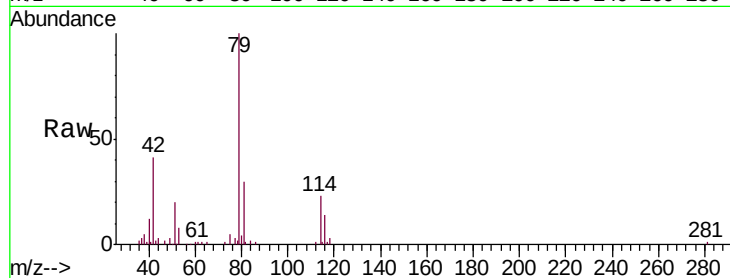
BFDR2

Tgt Ion: 75 Resp: 2544

Ion Ratio Lower Upper

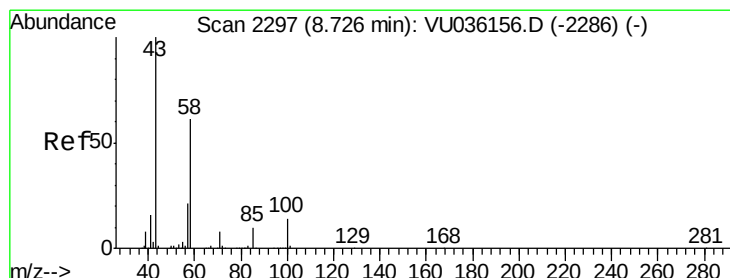
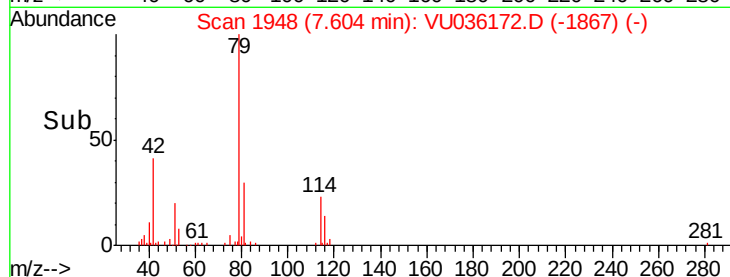
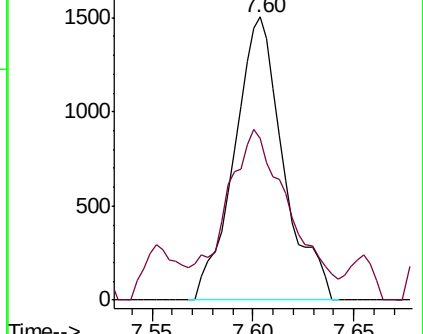
75 100

77 57.2 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 1.237 ug/L

RT: 8.72 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU036172.D

Acq: 13 Dec 2019 00:50

Tgt Ion: 43 Resp: 8879

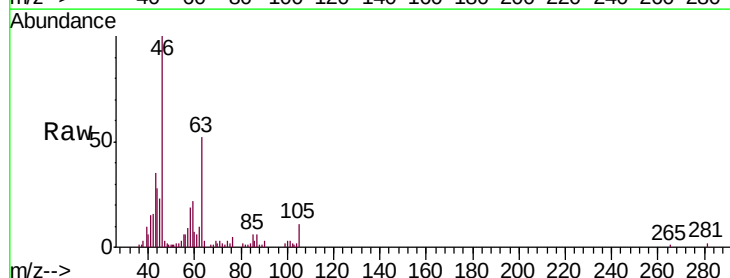
Ion Ratio Lower Upper

43 100

58 78.8 48.6 72.8#

57 0.0 16.7 25.1#

100 12.6 10.6 15.8

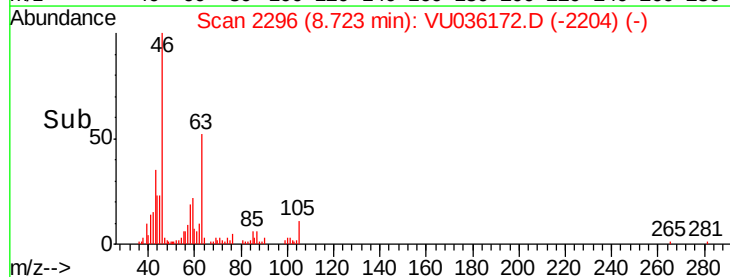
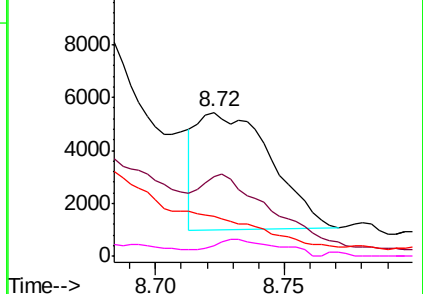


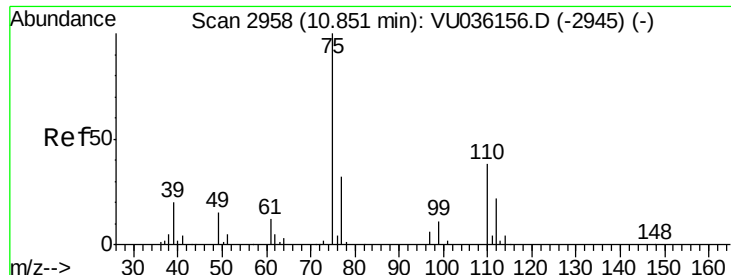
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.697 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036172.D

Acq: 13 Dec 2019 00:50

Instrument :

MSVOA_U

ClientSampleId :

BFDR2

Tgt Ion: 75 Resp: 8904

Ion Ratio Lower Upper

75 100

77 38.2 26.6 39.8

