

Data File : VU036158.D
Acq On : 12 Dec 2019 19:10
Operator : JC/MD
Sample : K6273-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDP8

Quant Time: Dec 13 02:45:38 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	317383	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270017	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	95997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	154948	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.92	69	129308	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.58	63	195879	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	4.75	46	342366	66.26	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.52%#
24) Chloroform-d	5.11	84	243434	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.75	65	117853	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.76	84	445068	6.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.40%
36) 1,2-Dichloropropane-d6	6.73	67	139374	6.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	124.00%
41) Toluene-d8	7.93	98	327193	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	8.21	79	46941	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.69	63	176978	51.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	104607	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	107222	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.58	96	2355	0.098	ug/L #	1
13) Acetone	2.74	43	12975	2.886	ug/L	94
25) Chloroform	5.13	83	41676	0.864	ug/L	93
35) Methylcyclohexane	6.73	83	32141	1.062	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	15235	0.711	ug/L #	87
38) Bromodichloromethane	7.14	83	9412	0.344	ug/L #	92
39) cis-1,3-Dichloropropene	7.60	75	3516	0.124	ug/L #	11
42) Toluene	8.00	91	20371	0.232	ug/L	90
48) 2-Hexanone	8.74	43	13226	1.667	ug/L #	66
49) Dibromochloromethane	8.84	129	2877	0.147	ug/L	99
54) o-Xylene	10.13	106	2572	0.080	ug/L	85
59) 1,2,3-Trichloropropane	11.83	75	11098	0.786	ug/L	93
68) 1,2,4-trichlorobenzene	13.86	180	1994	0.185	ug/L	92
69) Naphthalene	14.10	128	2975	0.269	ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	2012	0.201	ug/L #	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121219\
Quantitation Report (Not Reviewed)

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration

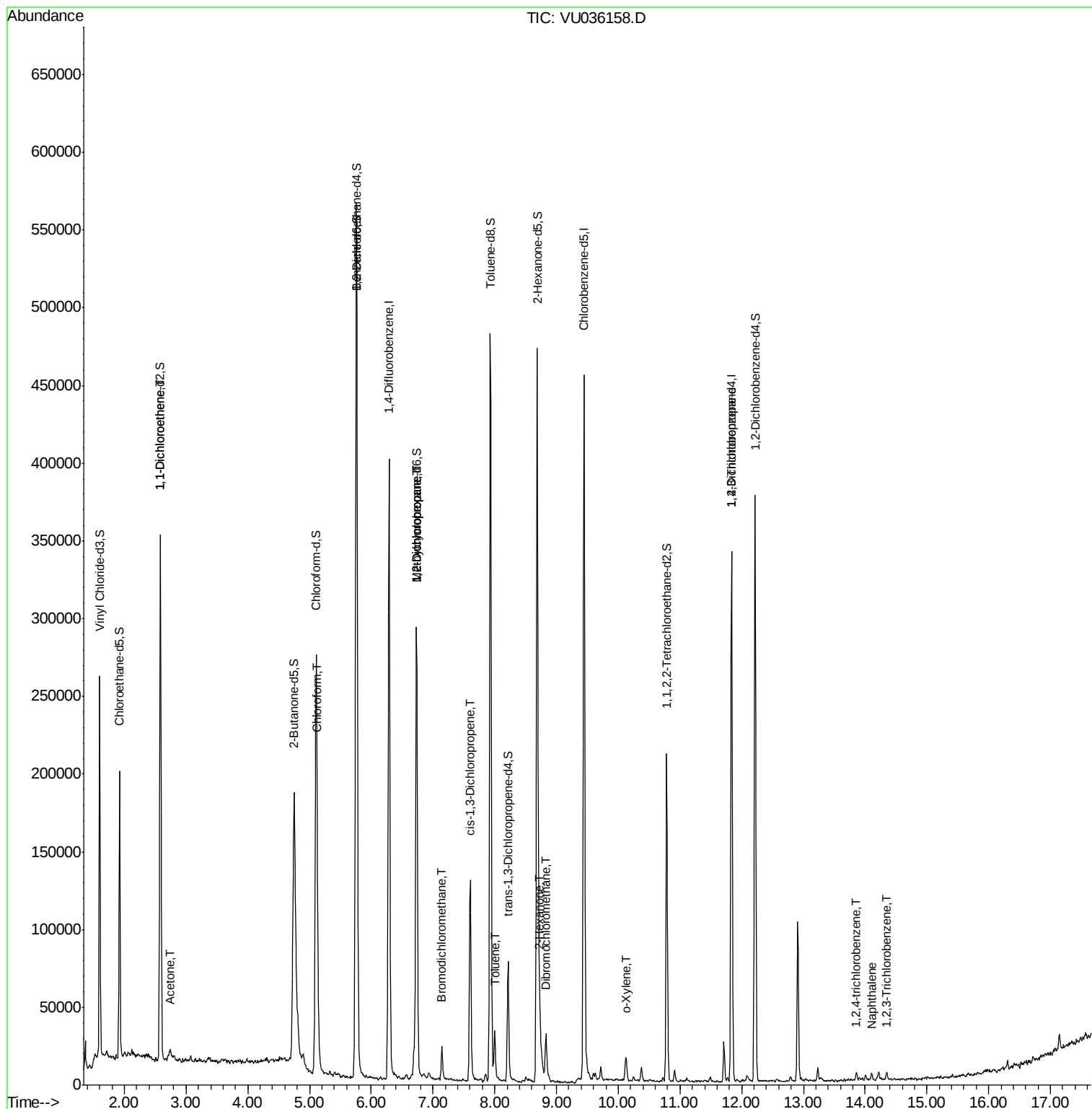
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

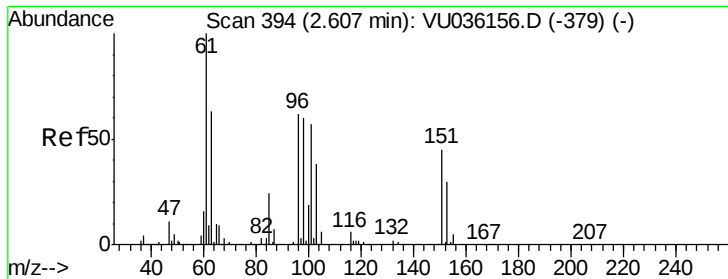
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.03 min

Lab File: VU036158.D

Acq: 12 Dec 2019 19:10

Instrument :

MSVOA_U

ClientSampleId :

BFDP8

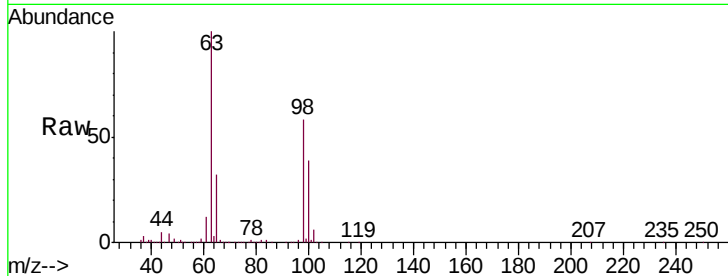
Tgt Ion: 96 Resp: 2355

Ion Ratio Lower Upper

96 100

61 1174.0 110.6 205.4#

63 10027.4 71.6 133.0#



Abundance Ion 96.00 (95.70 to 96.70): VU036158.D (-386) (-)

Ion 61.05 (60.75 to 61.75): VU036158.D (-386) (-)

Ion 63.00 (62.70 to 63.70): VU036158.D (-386) (-)

150000

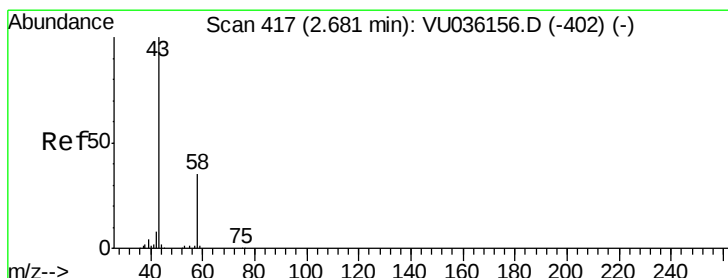
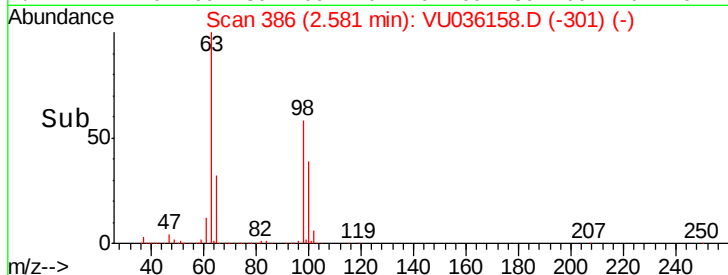
100000

50000

0

2.55 2.60 2.65

Time-->



#13

Acetone

Concen: 2.886 ug/L

RT: 2.74 min Scan# 436

Delta R.T. 0.06 min

Lab File: VU036158.D

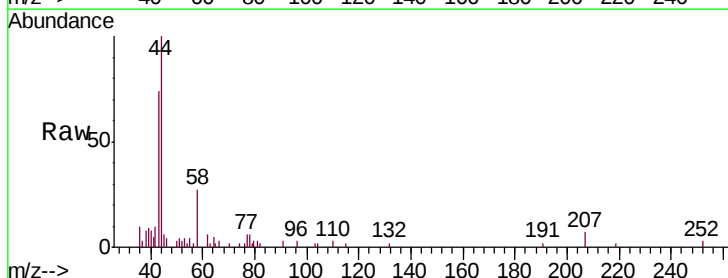
Acq: 12 Dec 2019 19:10

Tgt Ion: 43 Resp: 12975

Ion Ratio Lower Upper

43 100

58 31.4 0.0 70.0



Abundance Ion 43.05 (42.75 to 43.75): VU036158.D (-436) (-)

Ion 58.05 (57.75 to 58.75): VU036158.D (-436) (-)

5000

4000

3000

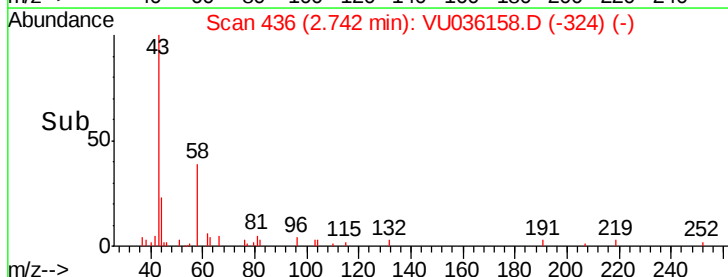
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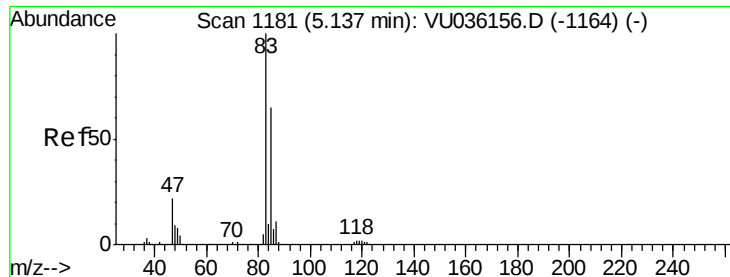
1000

0

2.65 2.70 2.75 2.80

Time-->





#25

Chloroform

Concen: 0.864 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VU036158.D

Acq: 12 Dec 2019 19:10

Instrument :

MSVOA_U

ClientSampled :

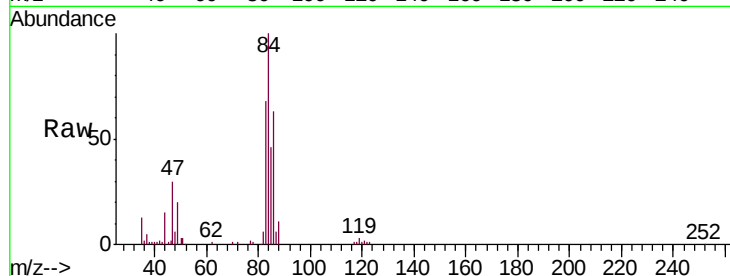
BFP8

Tgt Ion: 83 Resp: 41676

Ion Ratio Lower Upper

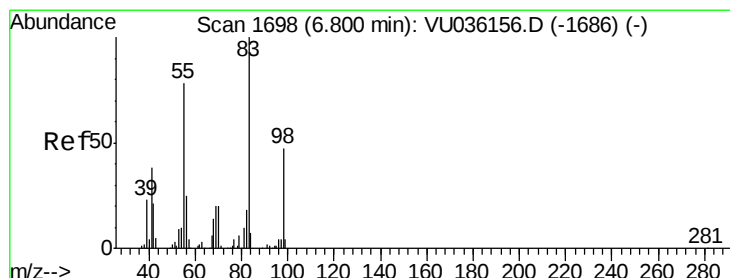
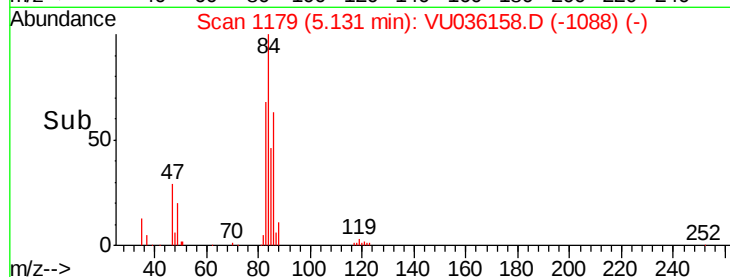
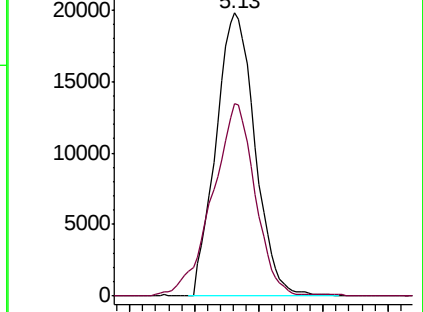
83 100

85 68.2 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU036158.D (-1164) (-)

Ion 85.00 (84.70 to 85.70): VU036158.D (-1164) (-)



#35

Methylcyclohexane

Concen: 1.062 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036158.D

Acq: 12 Dec 2019 19:10

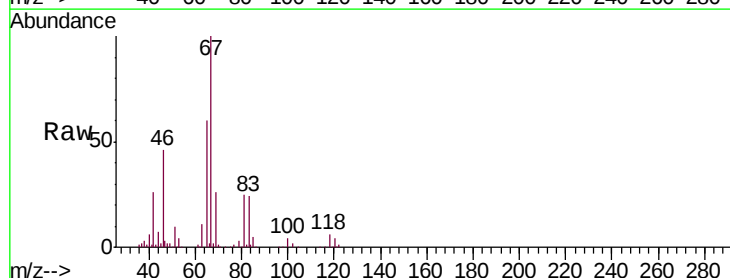
Tgt Ion: 83 Resp: 32141

Ion Ratio Lower Upper

83 100

55 0.7 61.9 92.9#

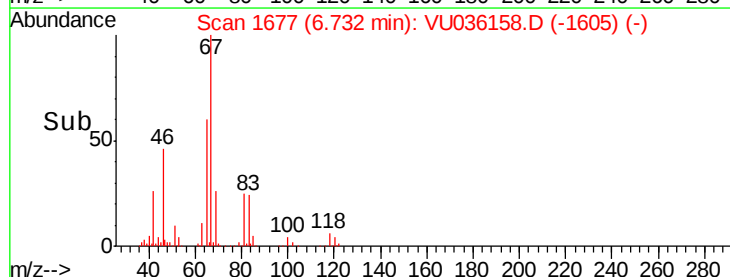
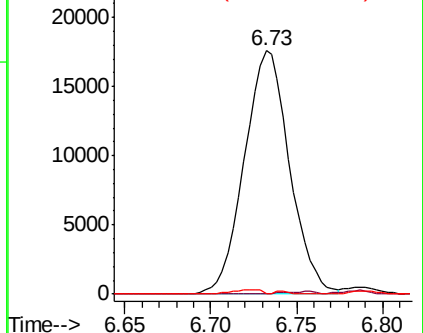
98 0.3 35.8 53.6#

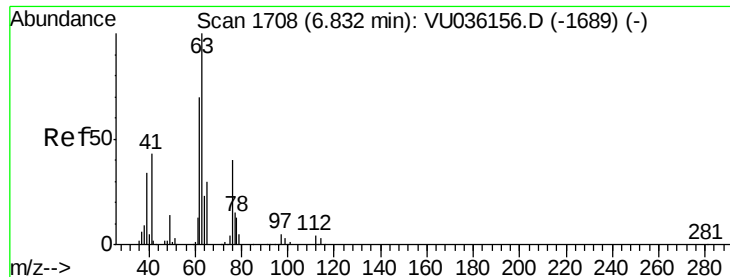


Abundance Ion 83.15 (82.85 to 83.85): VU036158.D (-1605) (-)

Ion 55.10 (54.80 to 55.80): VU036158.D (-1605) (-)

Ion 98.15 (97.85 to 98.85): VU036158.D (-1605) (-)

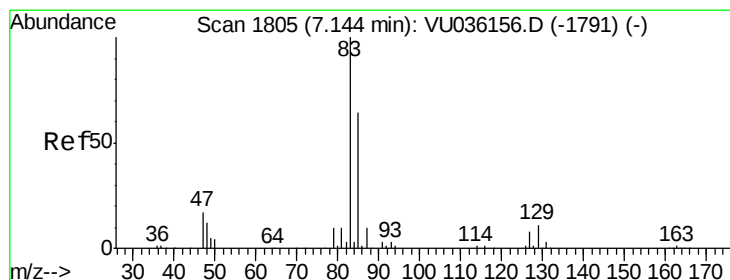
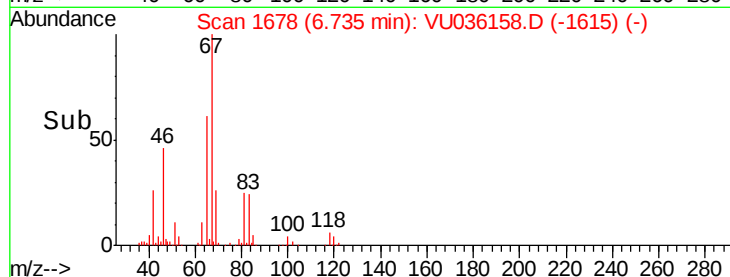
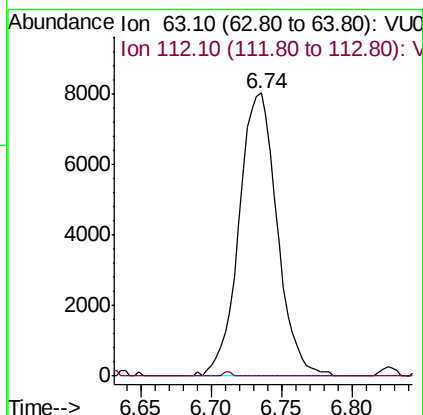
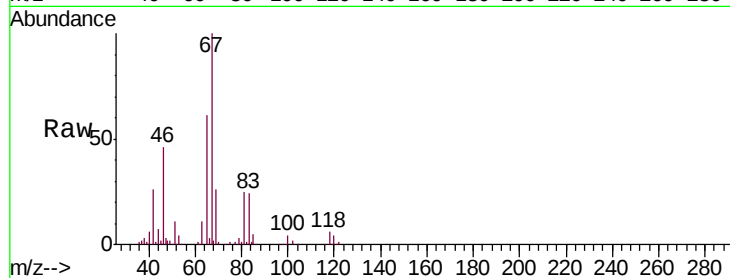




#37
 1,2-Dichloropropane
 Concen: 0.711 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

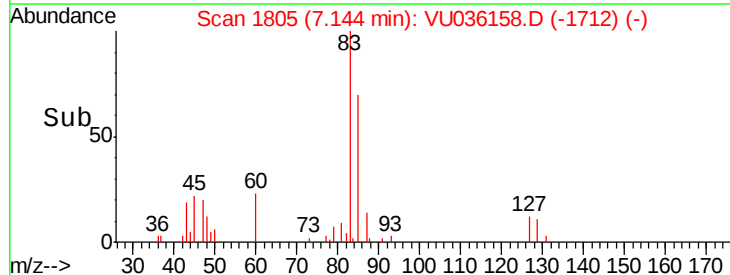
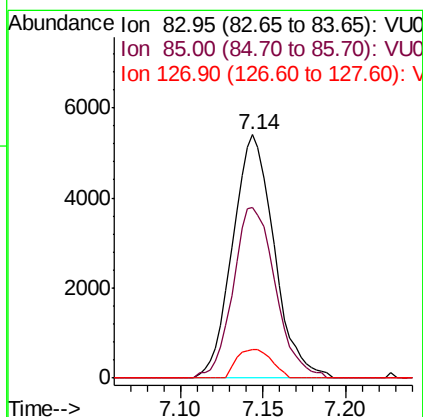
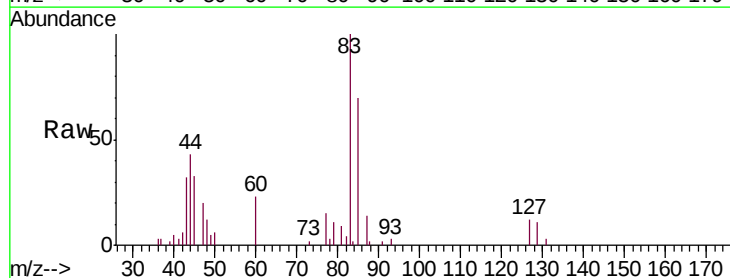
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD8

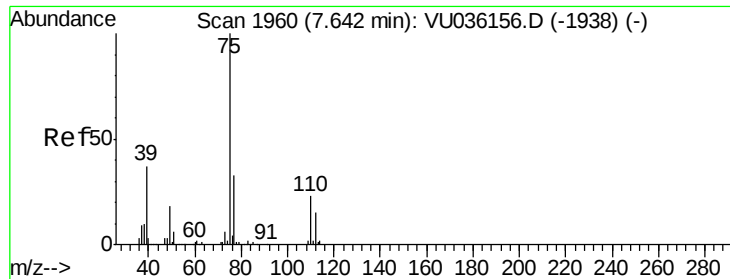
Tgt Ion: 63 Resp: 15235
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.344 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

Tgt Ion: 83 Resp: 9412
 Ion Ratio Lower Upper
 83 100
 85 70.0 44.7 83.1
 127 11.9 7.4 11.0#

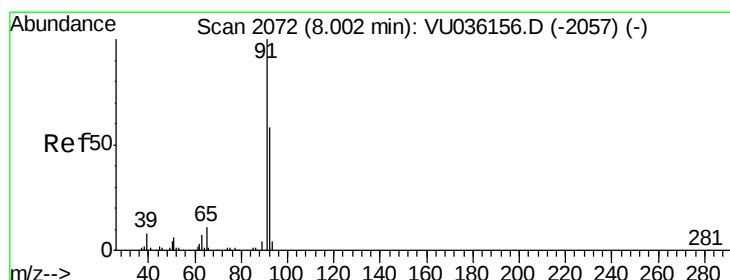
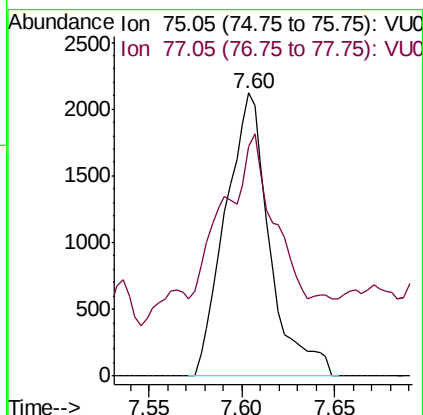
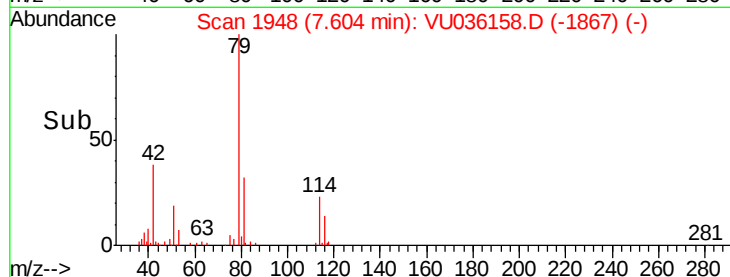
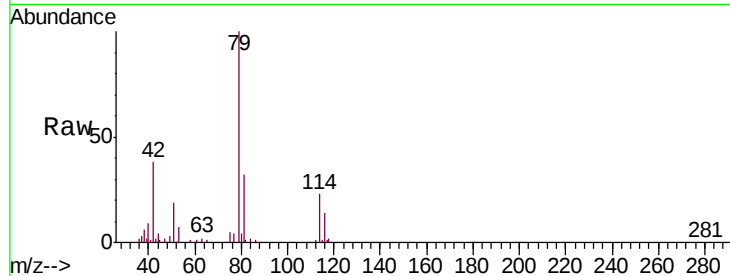




#39
 cis-1,3-Dichloropropene
 Concen: 0.124 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

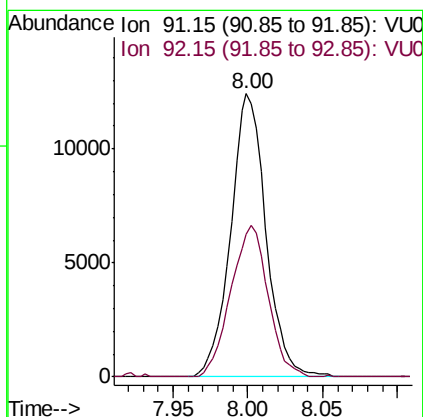
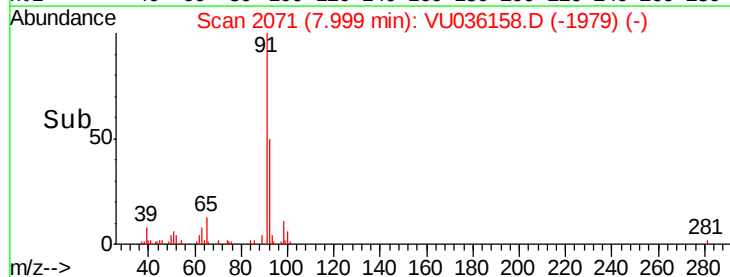
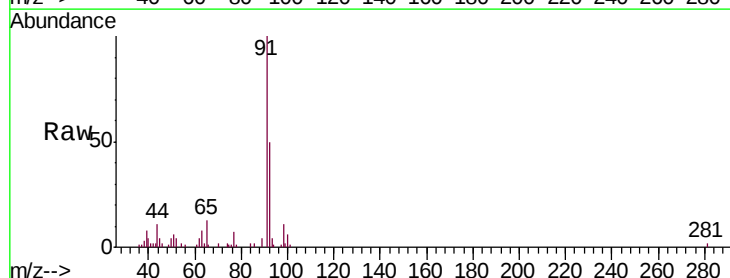
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD8

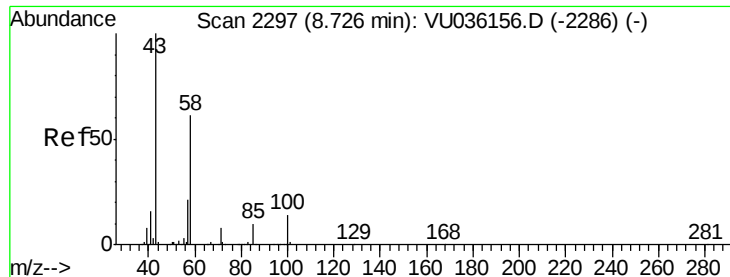
Tgt Ion: 75 Resp: 3516
 Ion Ratio Lower Upper
 75 100
 77 81.3 22.3 41.5#



#42
 Toluene
 Concen: 0.232 ug/L
 RT: 8.00 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

Tgt Ion: 91 Resp: 20371
 Ion Ratio Lower Upper
 91 100
 92 50.4 40.7 75.7

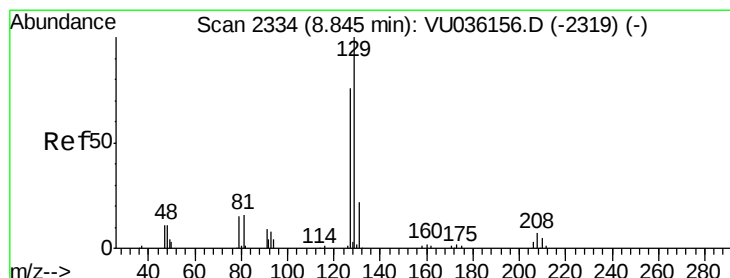
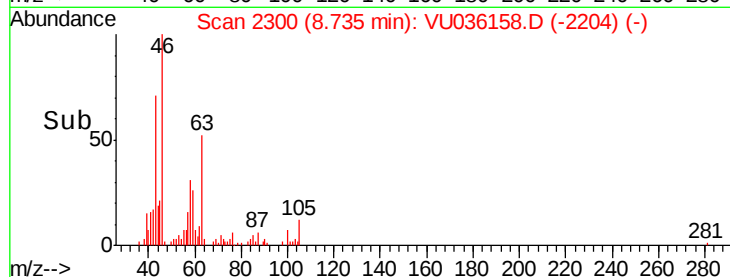
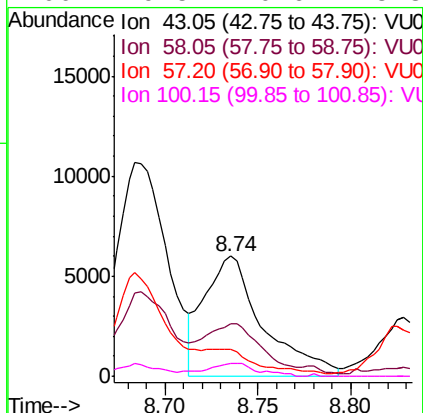
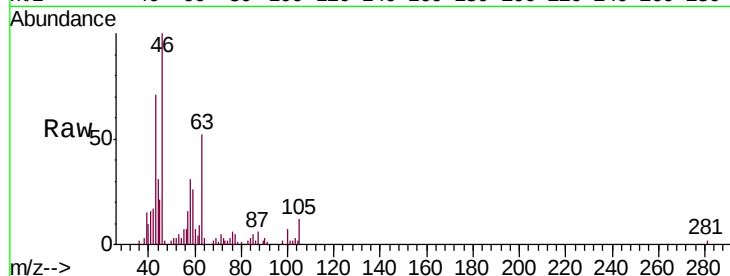




#48
2-Hexanone
Concen: 1.667 ug/L
RT: 8.74 min Scan# 2300
Delta R.T. 0.01 min
Lab File: VU036158.D
Acq: 12 Dec 2019 19:10

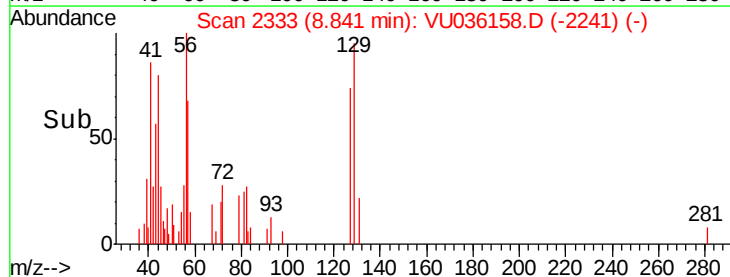
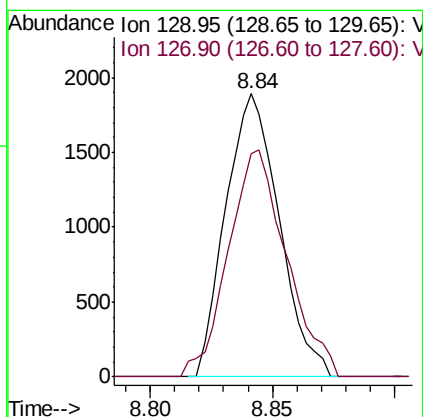
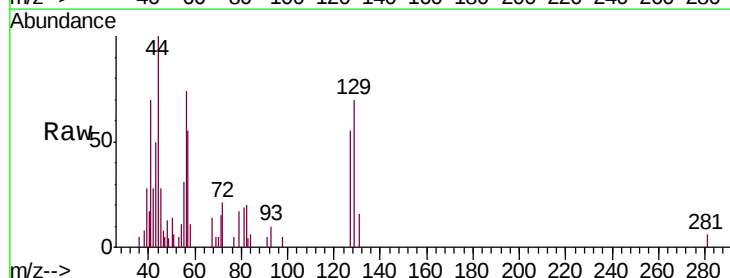
Instrument :
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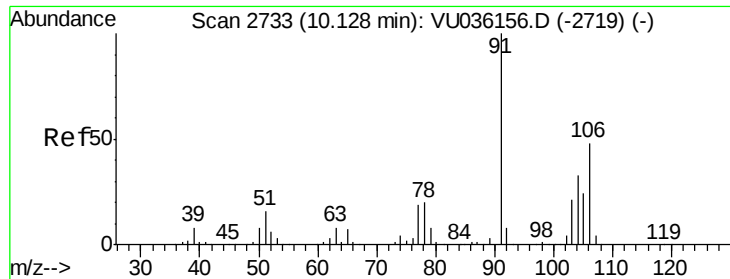
Tgt Ion: 43 Resp: 13226
Ion Ratio Lower Upper
43 100
58 33.2 48.6 72.8#
57 0.0 16.7 25.1#
100 9.5 10.6 15.8#



#49
Dibromochloromethane
Concen: 0.147 ug/L
RT: 8.84 min Scan# 2333
Delta R.T. -0.00 min
Lab File: VU036158.D
Acq: 12 Dec 2019 19:10

Tgt Ion: 129 Resp: 2877
Ion Ratio Lower Upper
129 100
127 78.8 54.7 101.5

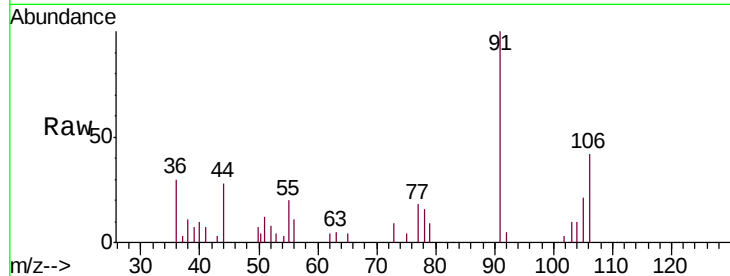




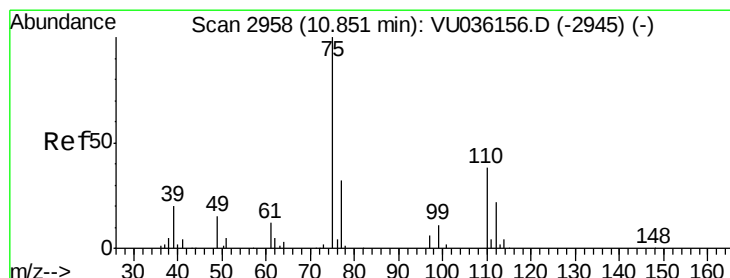
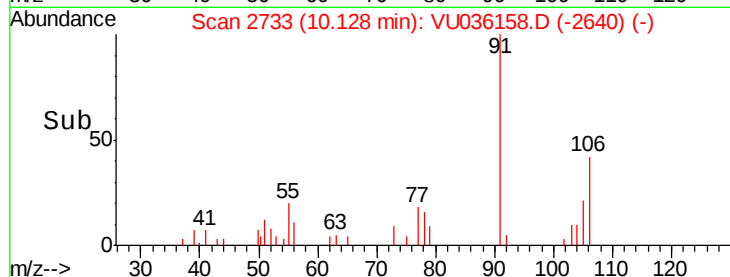
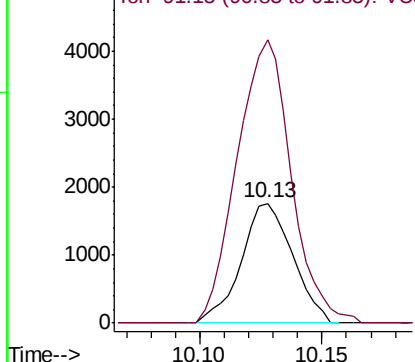
#54
o-Xylene
Concen: 0.080 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU036158.D
Acq: 12 Dec 2019 19:10

Instrument :
MSVOA_U
ClientSampled :
BFD8

Tgt Ion: 106 Resp: 2572
Ion Ratio Lower Upper
106 100
91 235.7 148.5 275.7

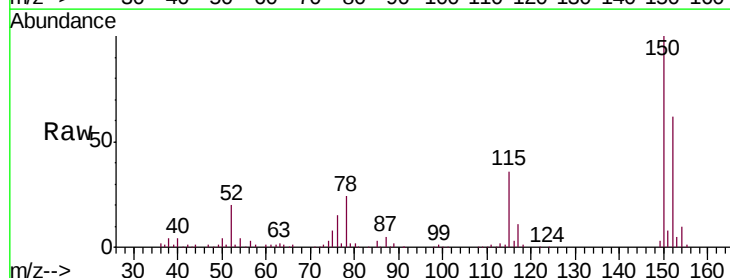


Abundance Ion 106.15 (105.85 to 106.85): VU036158.D (-2640) (-)
Ion 91.15 (90.85 to 91.85): VU036158.D (-2640) (-)

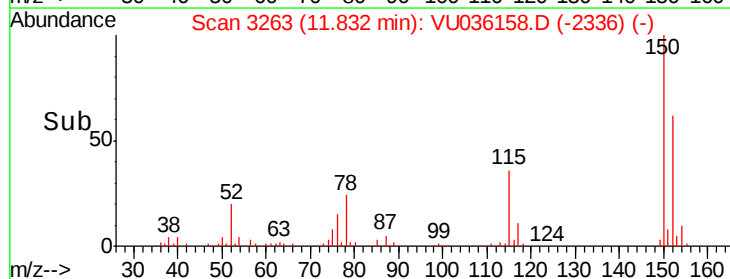
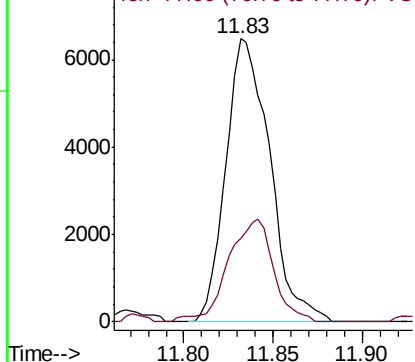


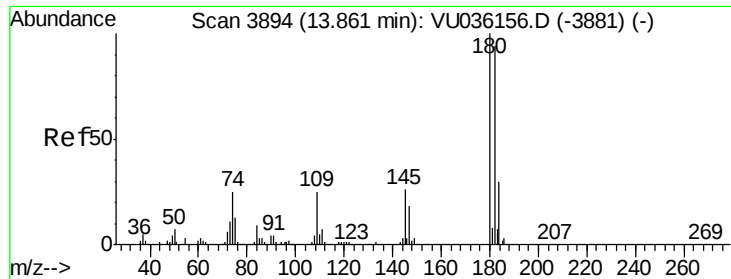
#59
1,2,3-Trichloropropane
Concen: 0.786 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.98 min
Lab File: VU036158.D
Acq: 12 Dec 2019 19:10

Tgt Ion: 75 Resp: 11098
Ion Ratio Lower Upper
75 100
77 37.4 26.6 39.8



Abundance Ion 75.00 (74.70 to 75.70): VU036158.D (-2336) (-)
Ion 77.00 (76.70 to 77.70): VU036158.D (-2336) (-)

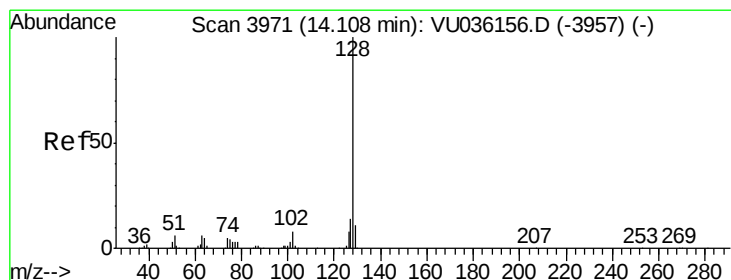
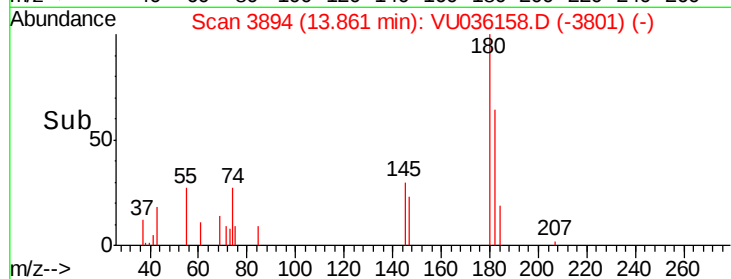
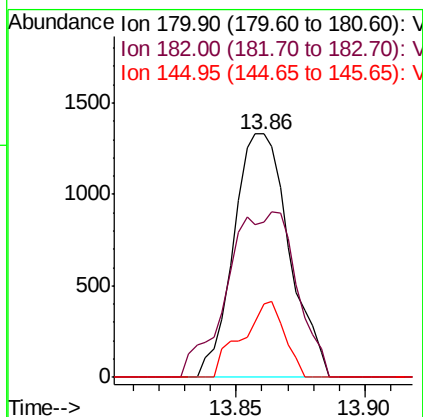
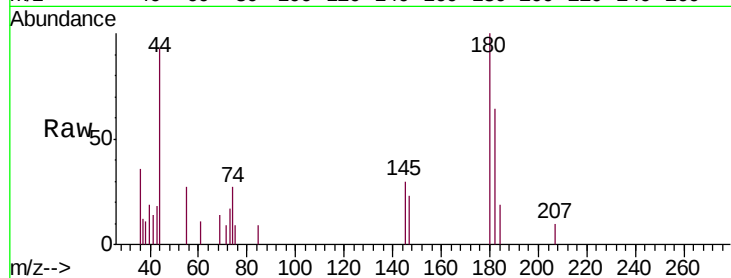




#68
 1,2,4-trichlorobenzene
 Concen: 0.185 ug/L
 RT: 13.86 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

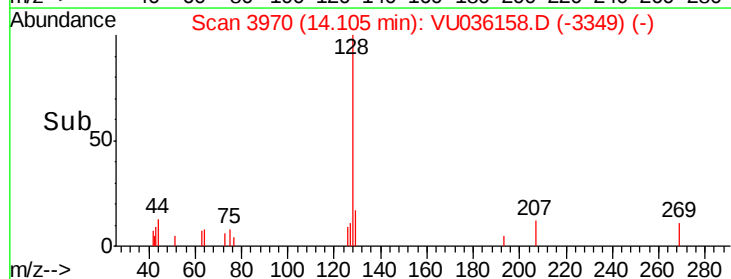
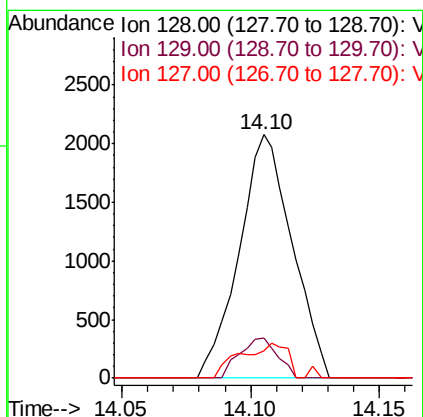
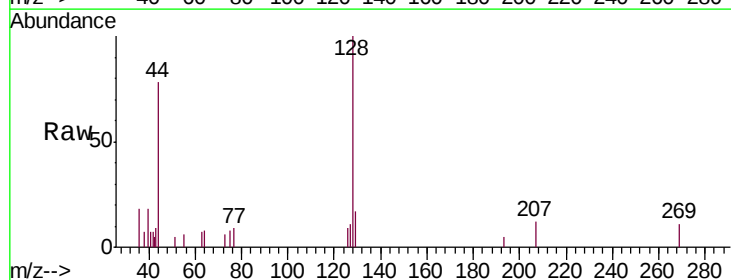
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD8

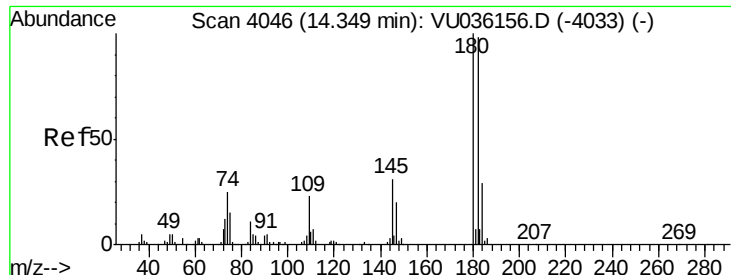
Tgt Ion:180 Resp: 1994
 Ion Ratio Lower Upper
 180 100
 182 85.1 75.0 112.6
 145 23.9 21.8 32.6



#69
 Naphthalene
 Concen: 0.269 ug/L
 RT: 14.10 min Scan# 3970
 Delta R.T. -0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

Tgt Ion:128 Resp: 2975
 Ion Ratio Lower Upper
 128 100
 129 11.9 8.8 13.2
 127 12.7 11.3 16.9

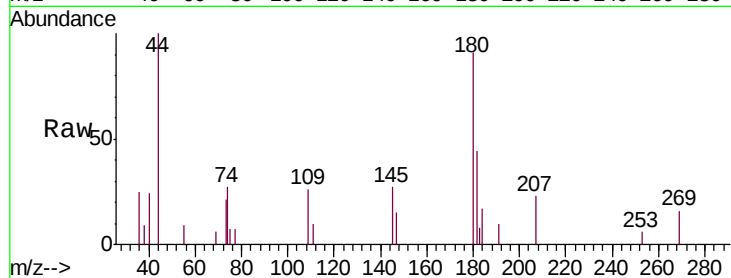




#70
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/L
 RT: 14.35 min Scan# 4046
 Delta R.T. 0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

Instrument :
 MSVOA_U
 ClientSampleId :
 BFD8

Tgt Ion:180 Resp: 2012
 Ion Ratio Lower Upper
 180 100
 182 68.7 74.8 112.2#
 145 28.9 24.1 36.1



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

