

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 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 02:58:49 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

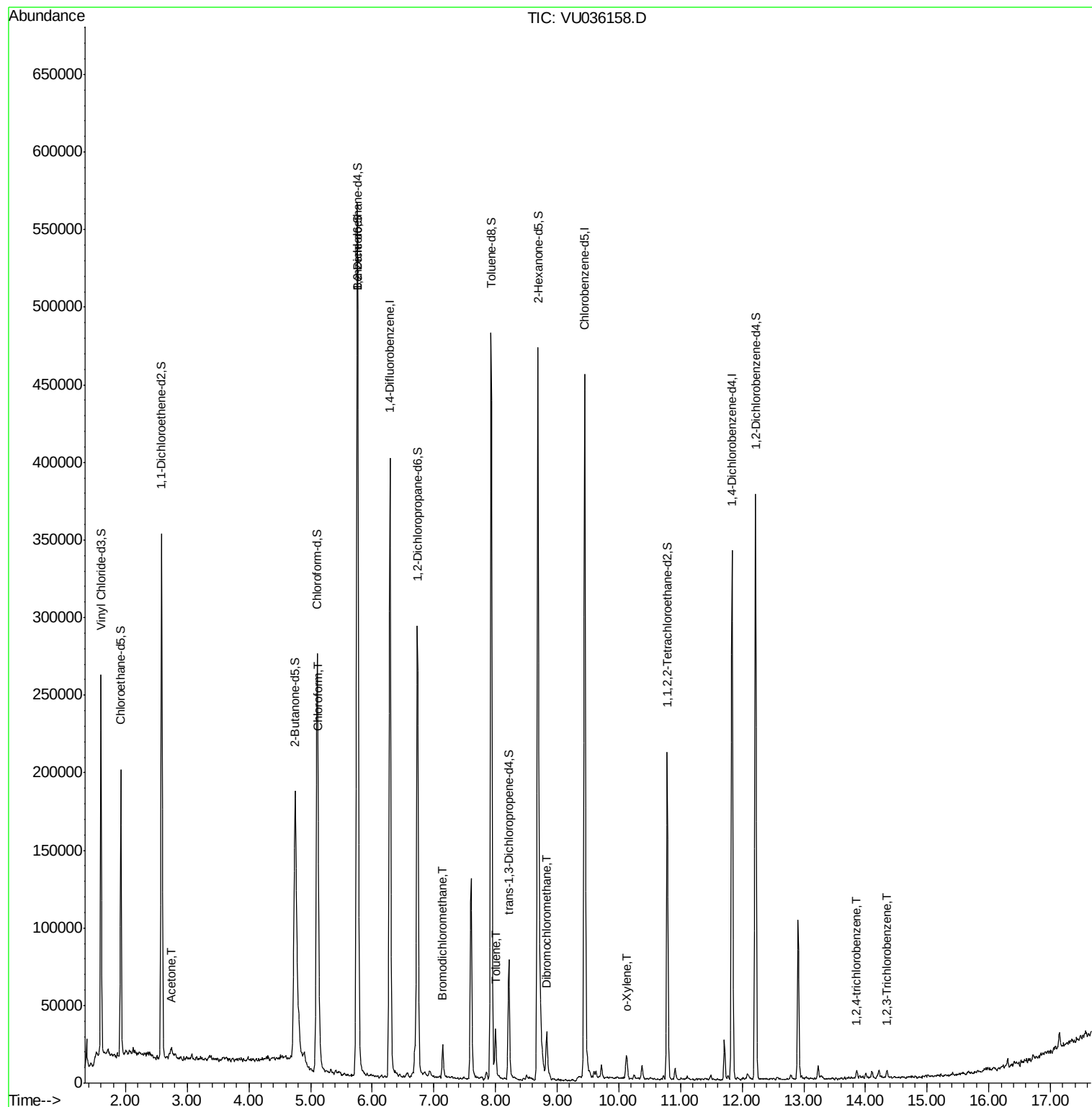
					Ovalue
13) Acetone	2.74	43	12975	2.886 ug/L	94
25) Chloroform	5.13	83	41676	0.864 ug/L	93
38) Bromodichloromethane	7.14	83	9412	0.344 ug/L #	92
42) Toluene	8.00	91	20371	0.232 ug/L	90
49) Dibromochloromethane	8.84	129	2877	0.147 ug/L	99
54) o-Xylene	10.13	106	2572	0.080 ug/L	85
68) 1,2,4-trichlorobenzene	13.86	180	1994	0.185 ug/L	92
70) 1,2,3-Trichlorobenzene	14.35	180	2012	0.201 ug/L #	80

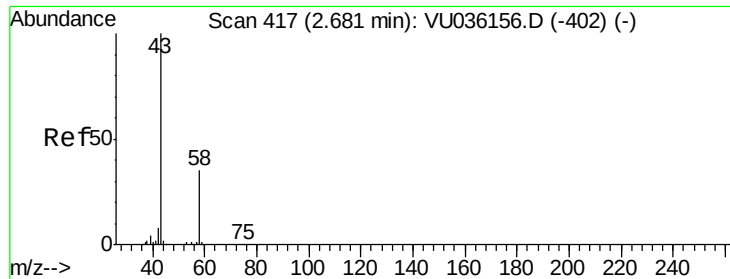
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#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

Instrument :

MSVOA_U

ClientSampleId :

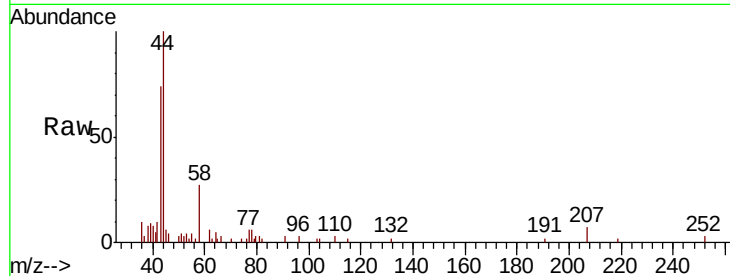
BFP8

Tot 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 (-324) (-)

Ion 58.05 (57.75 to 58.75): VU036158.D (-324) (-)

2.74

5000

4000

3000

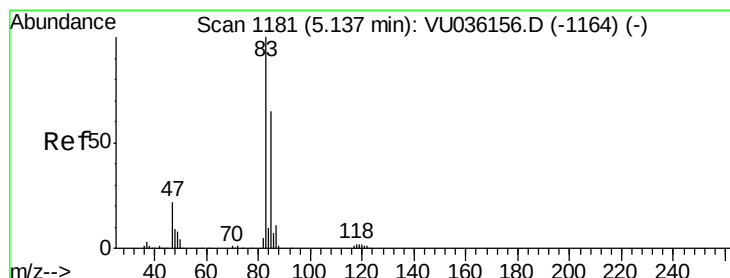
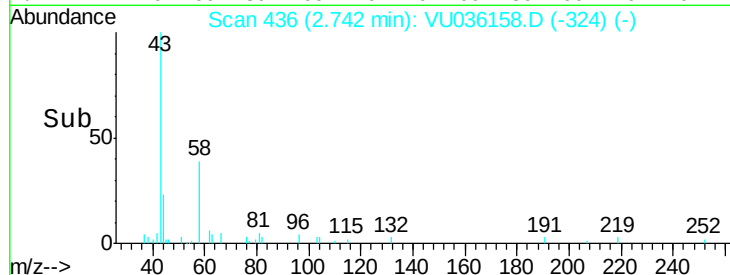
2000

1000

0

Time-->

2.65 2.70 2.75 2.80



#25

Chloroform

Concen: 0.864 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VU036158.D

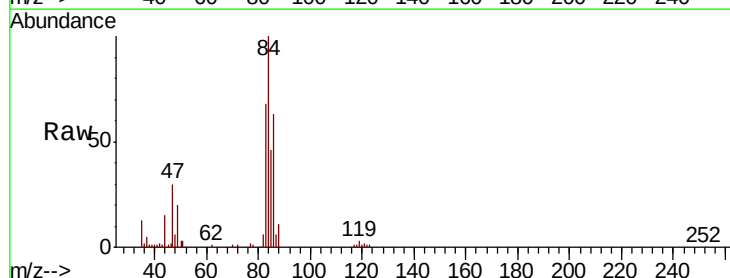
Acq: 12 Dec 2019 19:10

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 (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU036158.D (-1088) (-)

5.13

20000

15000

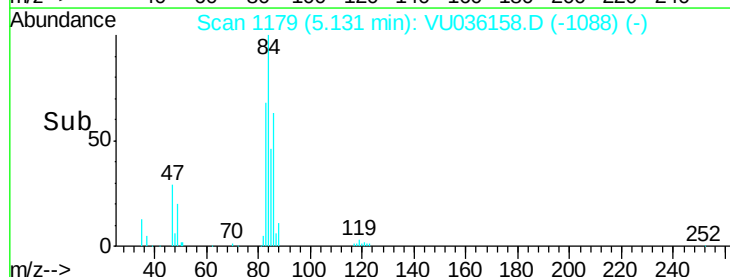
10000

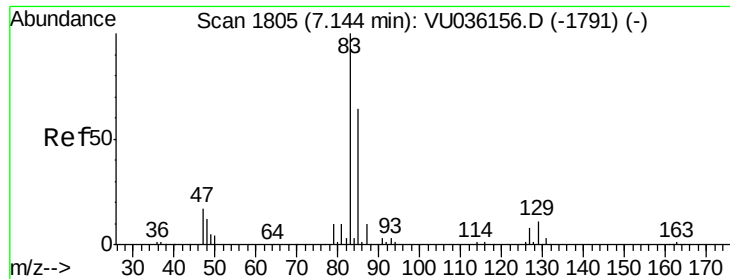
5000

0

Time-->

5.05 5.10 5.15 5.20 5.25

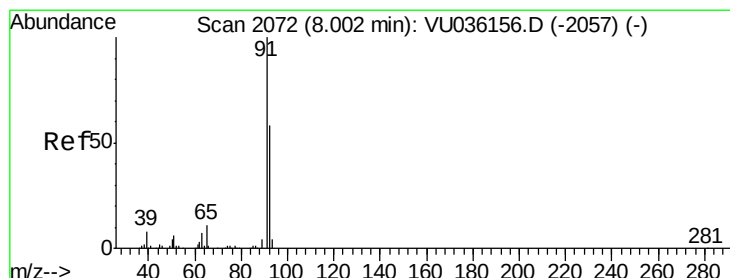
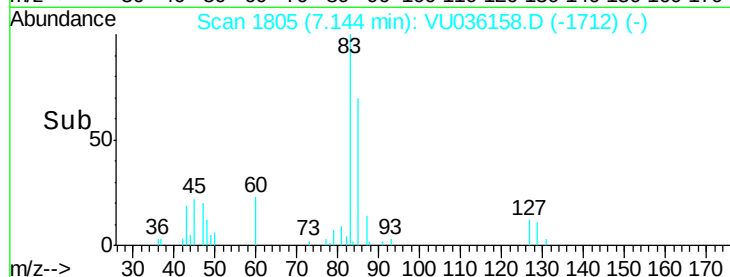
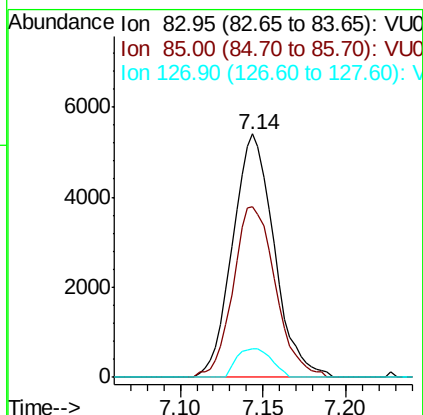
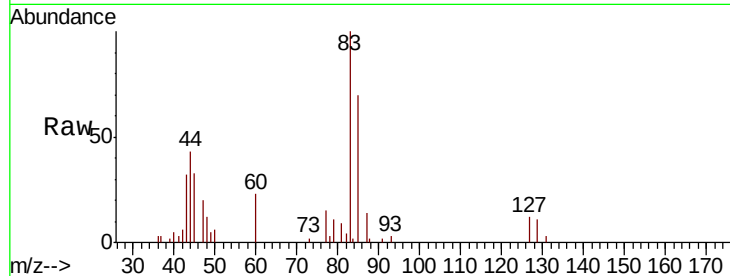




#38
 Bromodichloromethane
 Concen: 0.344 ug/L
 RT: 7.14 min Scan# 1805
 Delta R.T. -0.00 min
 Lab File: VU036158.D
 Acq: 12 Dec 2019 19:10

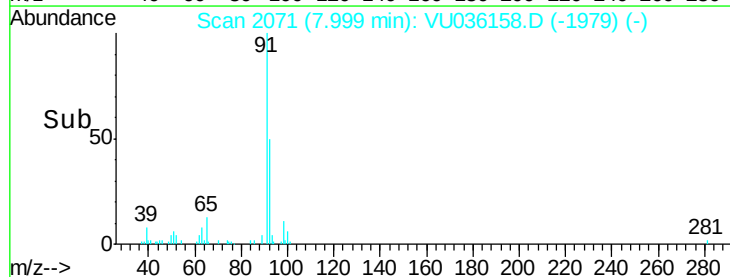
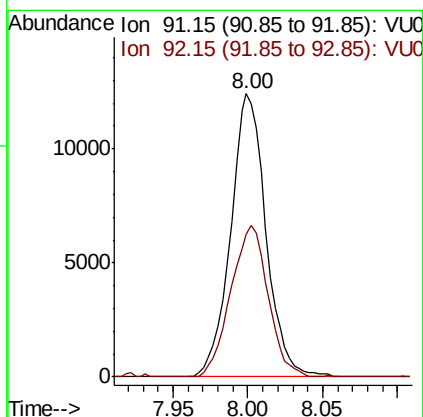
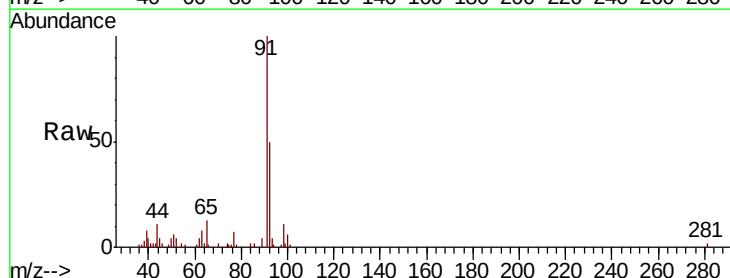
Instrument :
 MSVOA_U
 ClientSampleId :
 BFD8

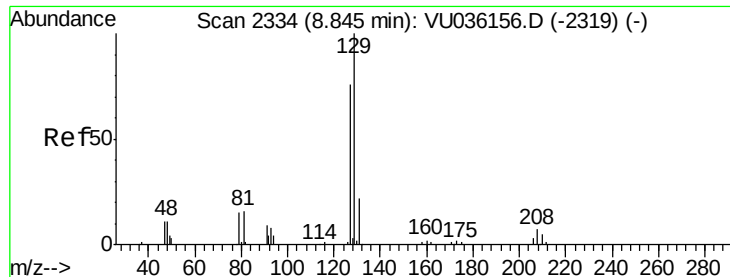
Tot Ion: 83 Resp: 9412
 Ion Ratio Lower Upper
 83 100
 85 70.0 44.7 83.1
 127 11.9 7.4 11.0#



#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





#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

Instrument :

MSVOA_U

ClientSampleId :

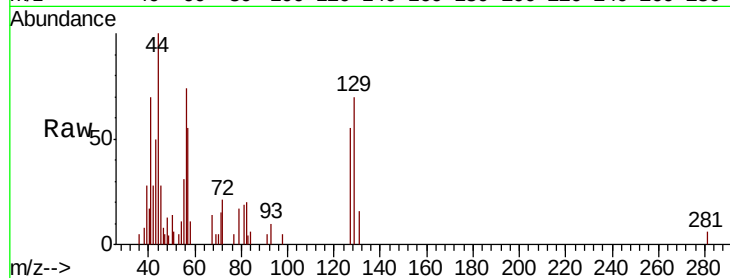
BFPD8

Tot Ion:129 Resp: 2877

Ion Ratio Lower Upper

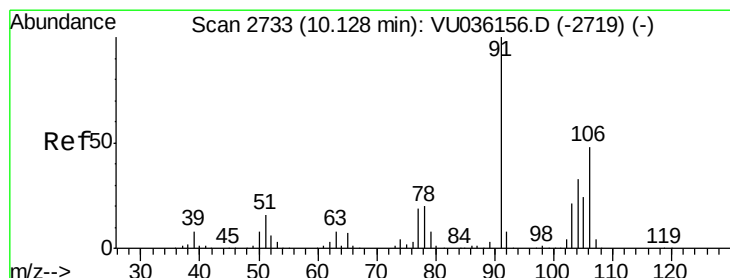
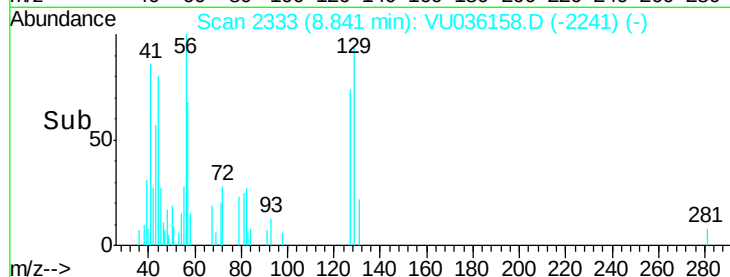
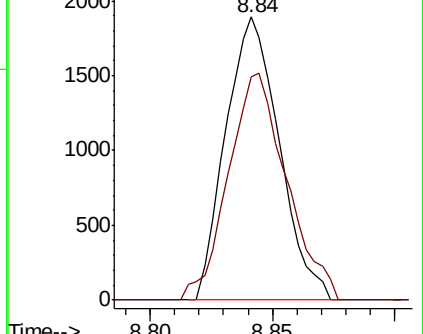
129 100

127 78.8 54.7 101.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#54

o-Xylene

Concen: 0.080 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU036158.D

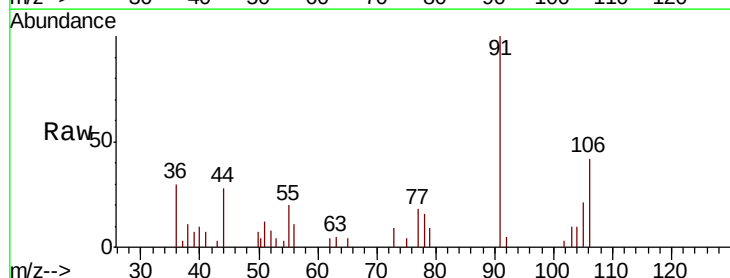
Acq: 12 Dec 2019 19:10

Tgt Ion:106 Resp: 2572

Ion Ratio Lower Upper

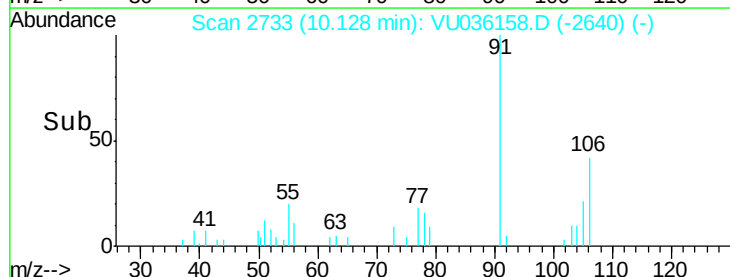
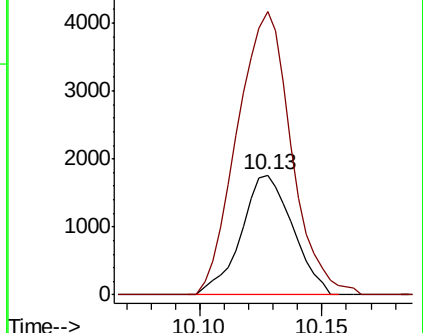
106 100

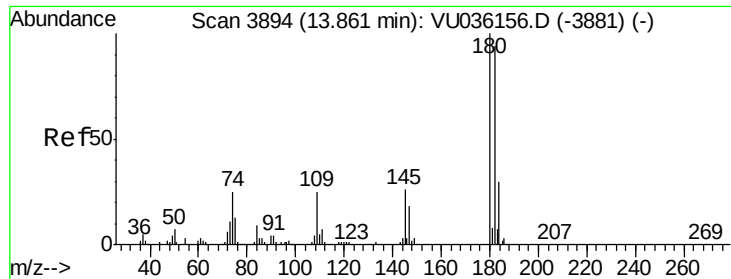
91 235.7 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#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 :

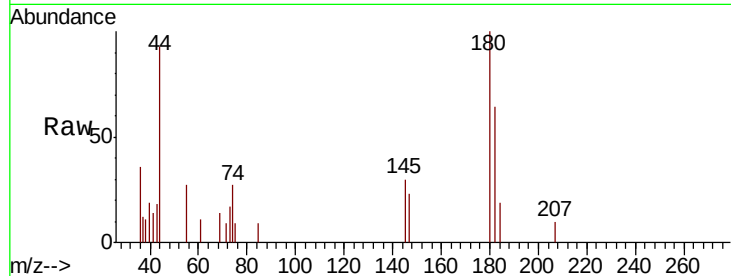
MSVOA_U

ClientSampleId :

BFDP8

Tot Ion:180 Resp: 1994

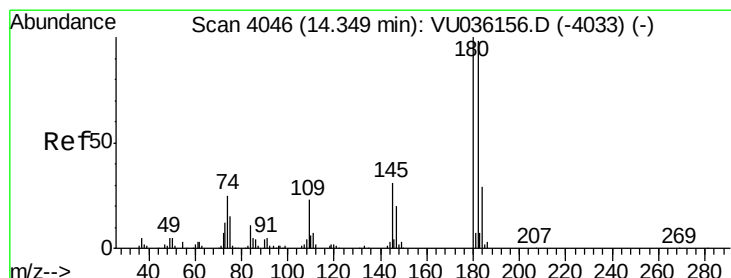
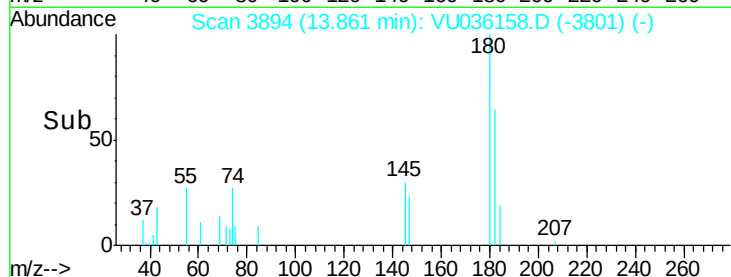
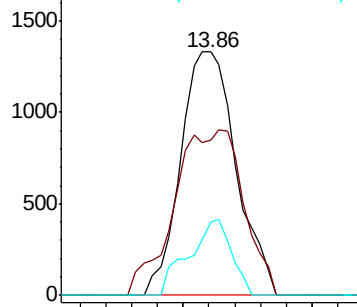
Ion	Ratio	Lower	Upper
180	100		
182	85.1	75.0	112.6
145	23.9	21.8	32.6



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#70

1,2,3-Trichlorobenzene

Concen: 0.201 ug/L

RT: 14.35 min Scan# 4046

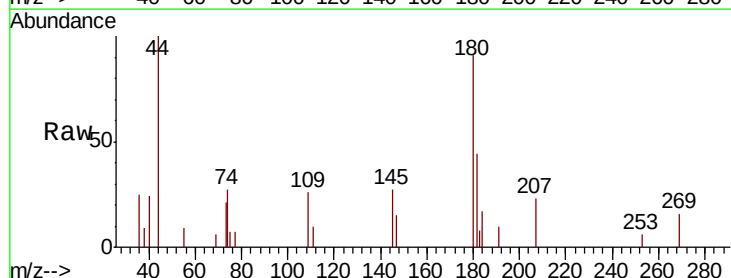
Delta R.T. 0.00 min

Lab File: VU036158.D

Acq: 12 Dec 2019 19:10

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

