

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036214.D
 Acq On : 13 Dec 2019 22:29
 Operator : JC/MD
 Sample : K6234-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE59

Quant Time: Dec 14 01:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 01:19:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226413	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	253925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96954	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	102174	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	93524	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	104918	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.69	46	226593	60.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.32%
24) Chloroform-d	5.11	84	170272	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	5.75	65	92330	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.77	84	313992	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.73	67	104660	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.93	98	254054	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	8.21	79	39494	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.67	63	172462	54.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	100721	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	100826	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

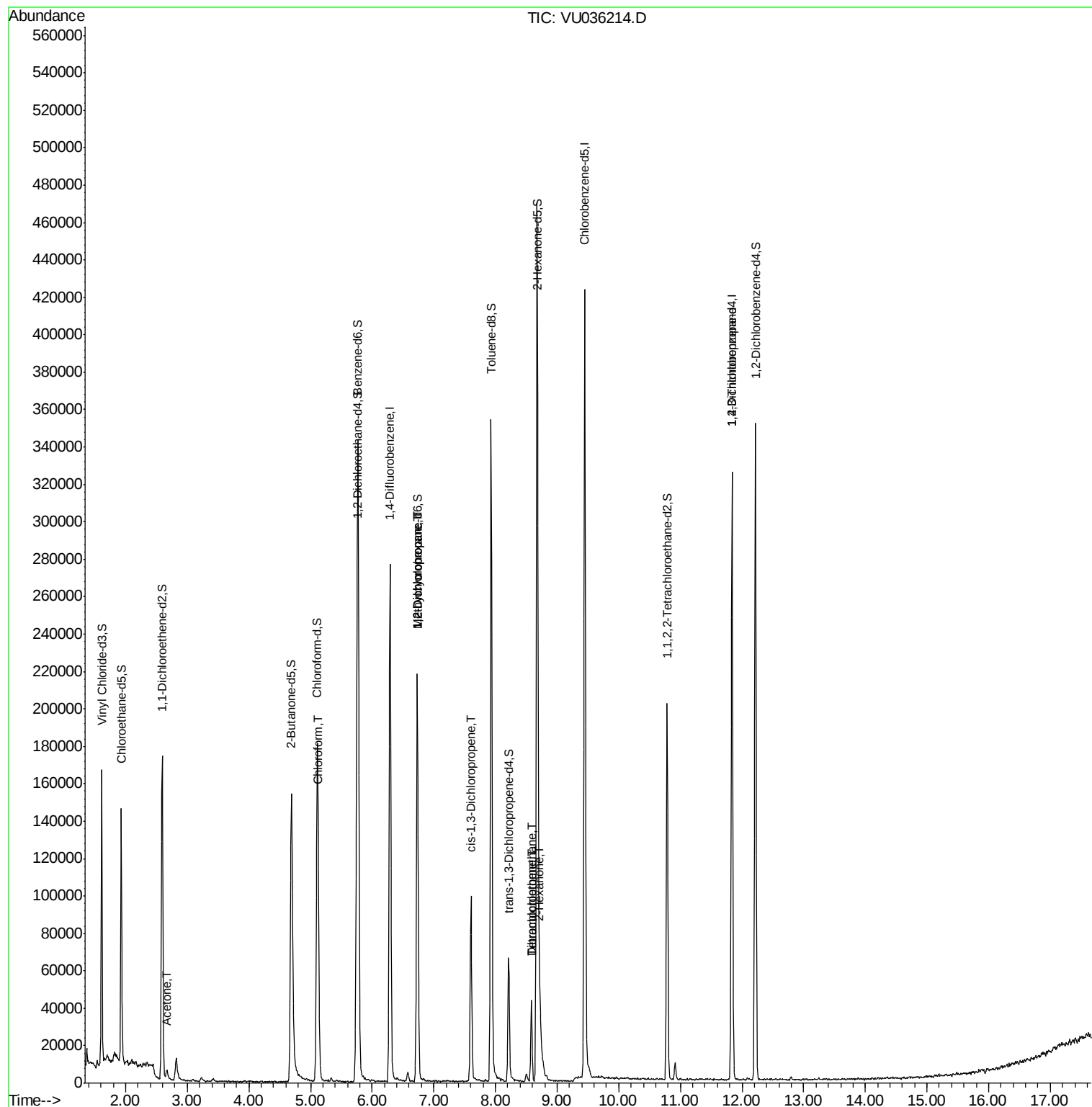
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	6295	1.934	ug/L	90
25) Chloroform	5.13	83	17082	0.486	ug/L	96
35) Methylcyclohexane	6.73	83	24079	0.842	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	11266	0.566	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2349	0.087	ug/L #	21
47) Tetrachloroethene	8.58	164	9883	0.544	ug/L	94
48) 2-Hexanone	8.72	43	9041	1.163	ug/L #	89
49) Dibromochloromethane	8.58	129	9509	0.516	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	10739	0.812	ug/L	100

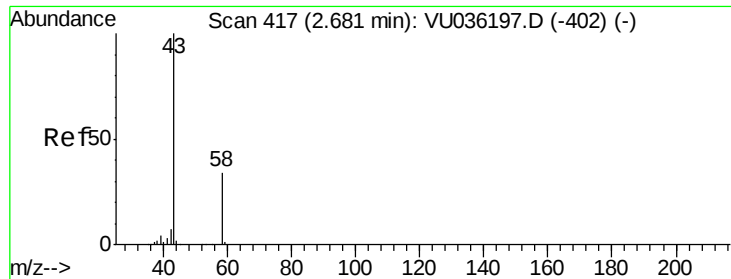
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.934 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU036214.D

Acq: 13 Dec 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

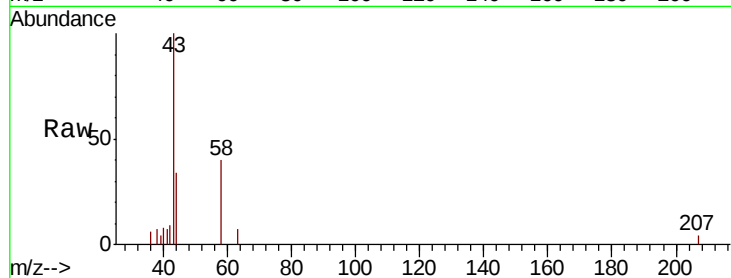
BF59

Tot Ion: 43 Resp: 6295

Ion Ratio Lower Upper

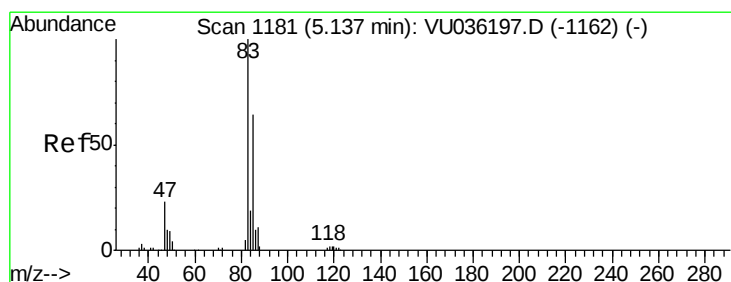
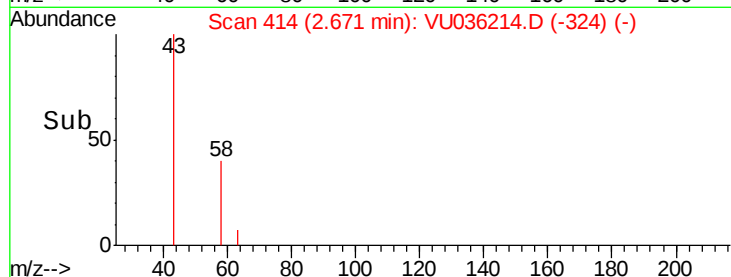
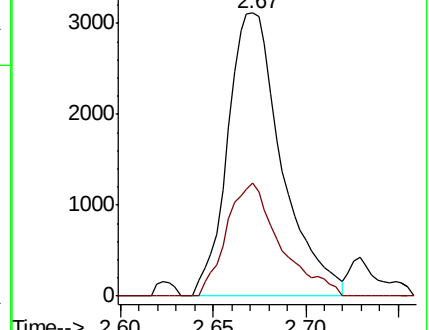
43 100

58 39.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036197.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036197.D (-402) (-)



#25

Chloroform

Concen: 0.486 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VU036214.D

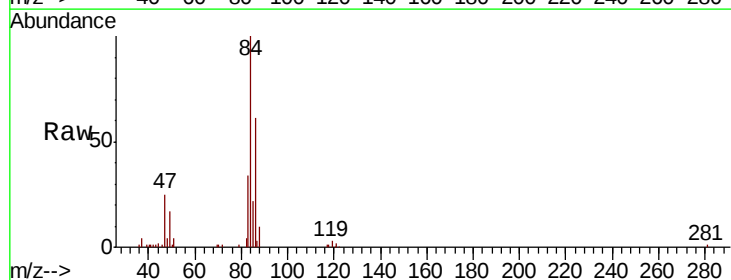
Acq: 13 Dec 2019 22:29

Tgt Ion: 83 Resp: 17082

Ion Ratio Lower Upper

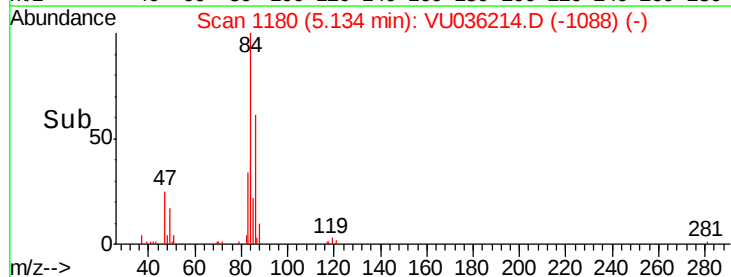
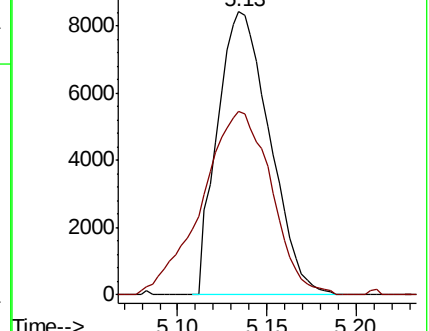
83 100

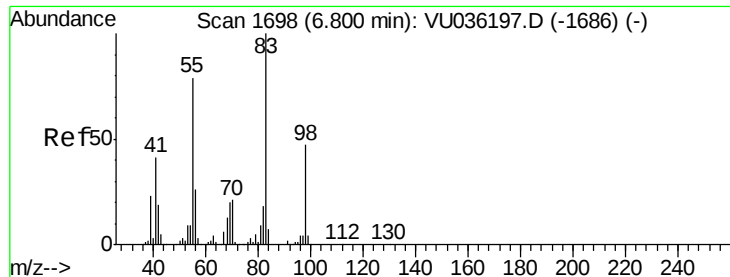
85 64.8 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036197.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036197.D (-1162) (-)





#35

Methylcyclohexane

Concen: 0.842 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.07 min

Lab File: VU036214.D

Acq: 13 Dec 2019 22:29

Instrument :

MSVOA_U

ClientSampleId :

BF59

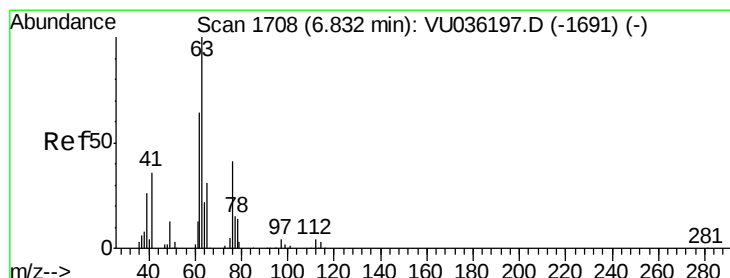
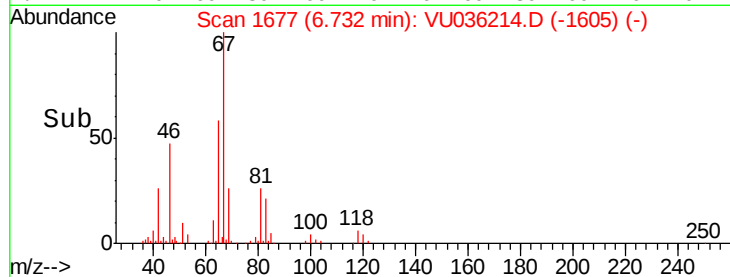
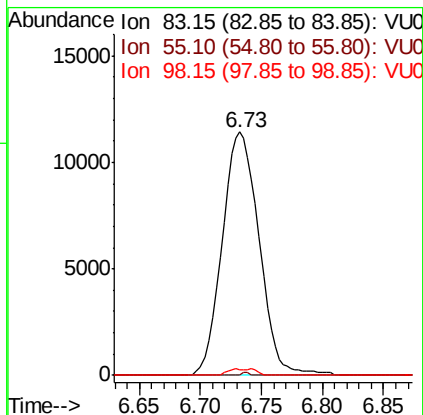
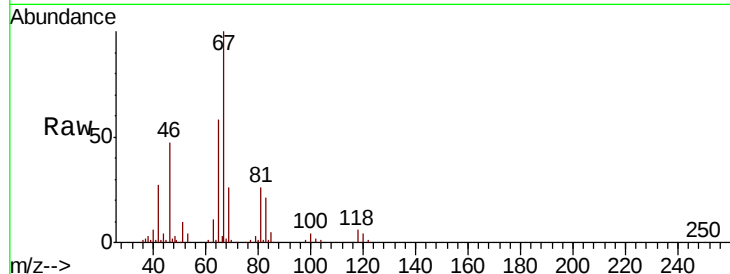
Tot Ion: 83 Resp: 24079

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

98 2.0 36.2 54.2#



#37

1,2-Dichloropropane

Concen: 0.566 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036214.D

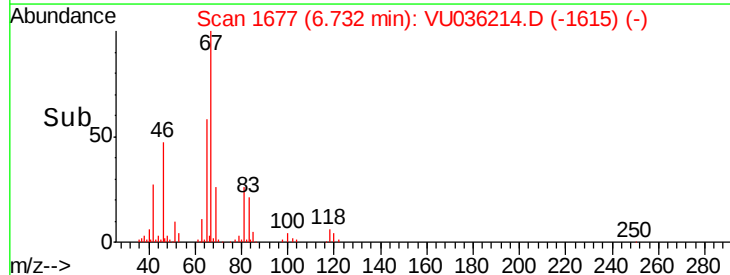
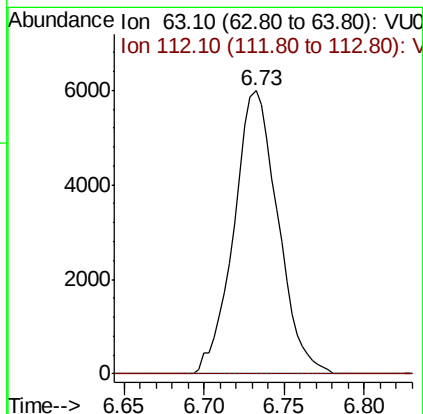
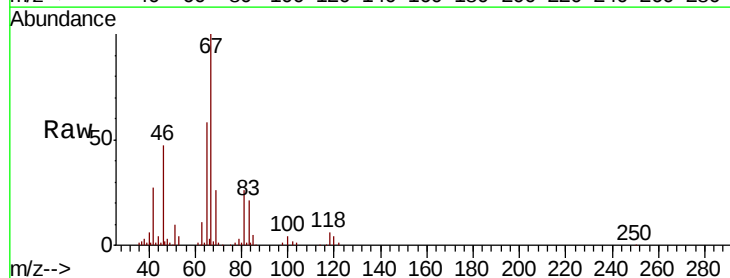
Acq: 13 Dec 2019 22:29

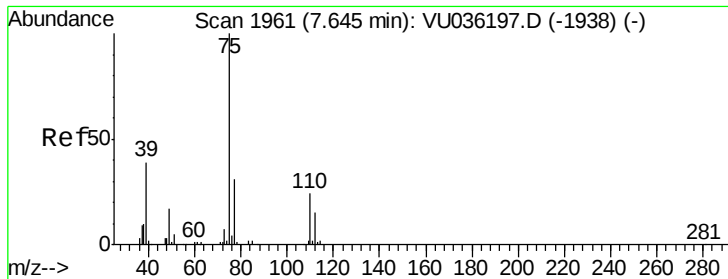
Tgt Ion: 63 Resp: 11266

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036214.D

Acq: 13 Dec 2019 22:29

Instrument :

MSVOA_U

ClientSampled :

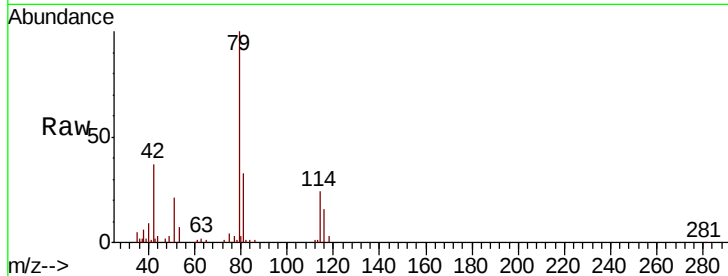
BFE59

Tot Ion: 75 Resp: 2349

Ion Ratio Lower Upper

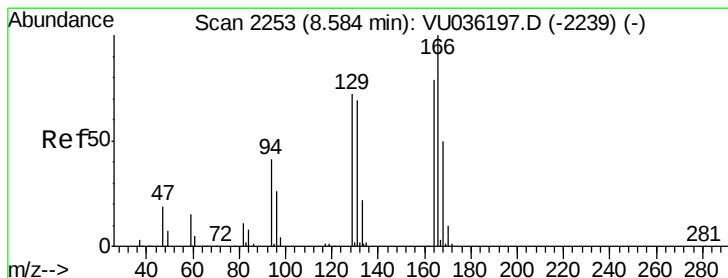
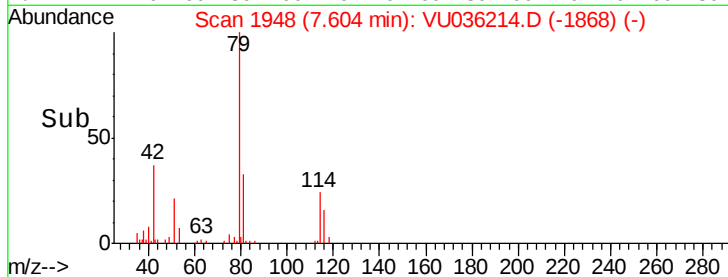
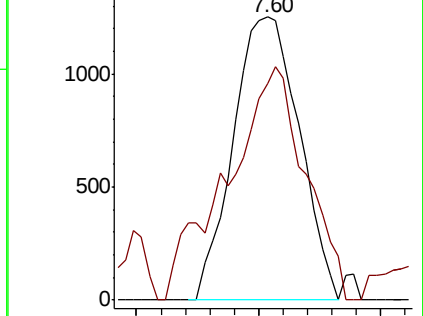
75 100

77 76.7 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036197.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036197.D (-1938) (-)



#47

Tetrachloroethene

Concen: 0.544 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. 0.00 min

Lab File: VU036214.D

Acq: 13 Dec 2019 22:29

Tgt Ion: 164 Resp: 9883

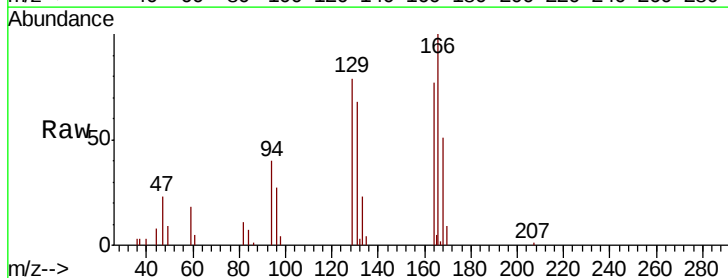
Ion Ratio Lower Upper

164 100

129 102.7 64.2 119.2

131 88.3 66.6 123.8

166 130.6 93.1 172.9

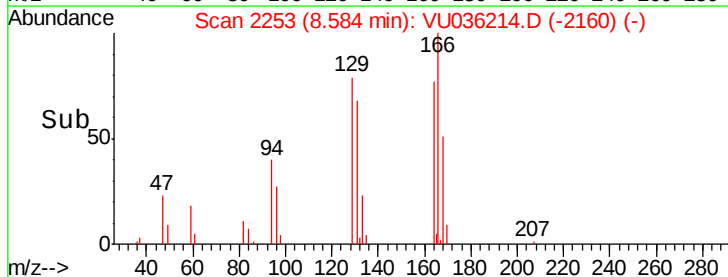
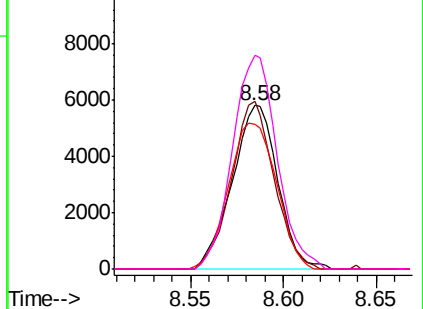


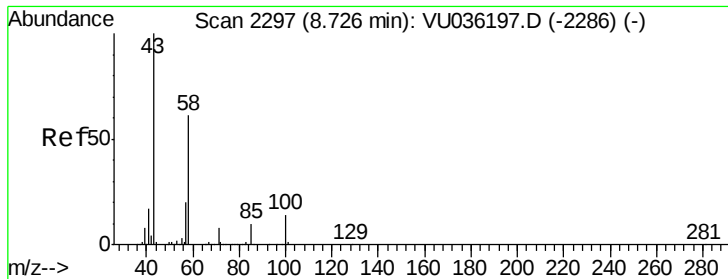
Abundance Ion 163.90 (163.60 to 164.60): VU036197.D (-2239) (-)

Ion 128.95 (128.65 to 129.65): VU036197.D (-2239) (-)

Ion 130.95 (130.65 to 131.65): VU036197.D (-2239) (-)

Ion 165.90 (165.60 to 166.60): VU036197.D (-2239) (-)

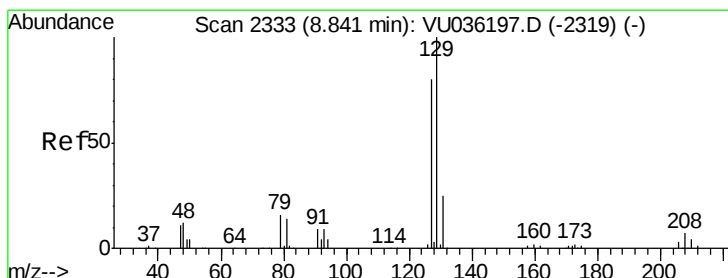
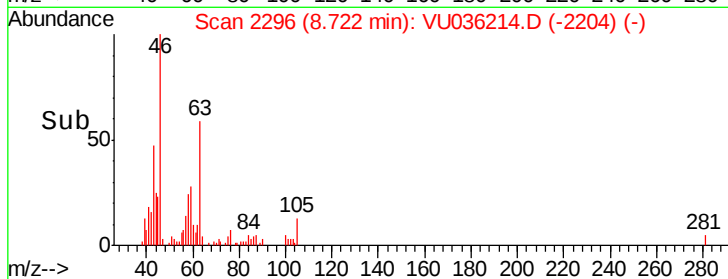
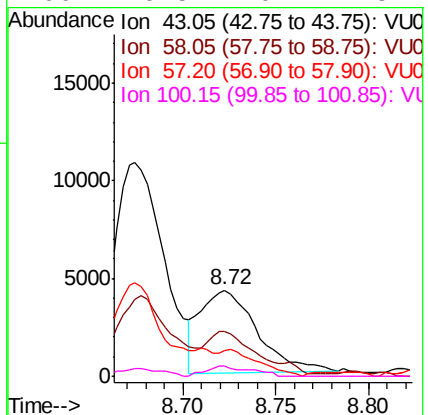
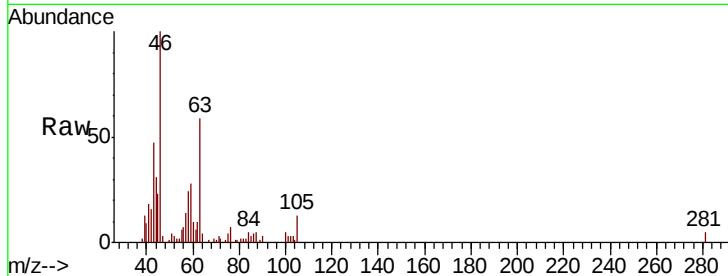




#48
2-Hexanone
Concen: 1.163 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VU036214.D
Acq: 13 Dec 2019 22:29

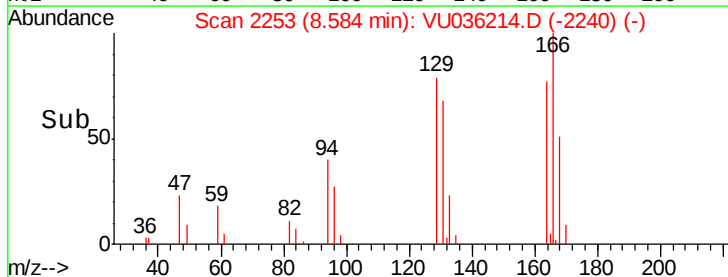
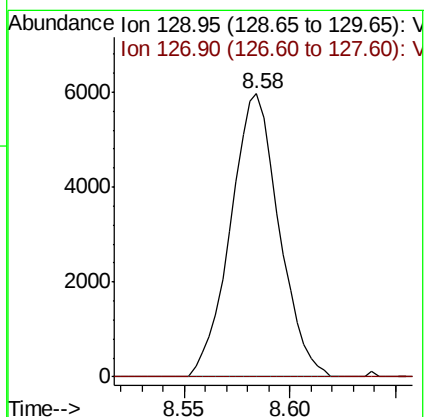
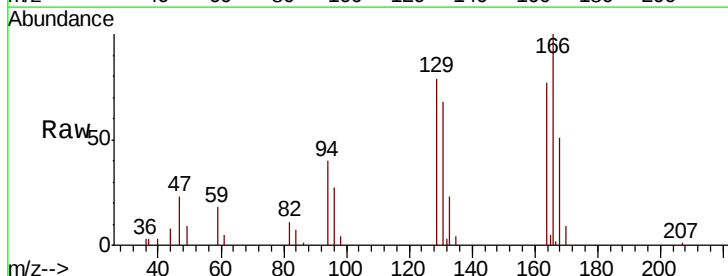
Instrument :
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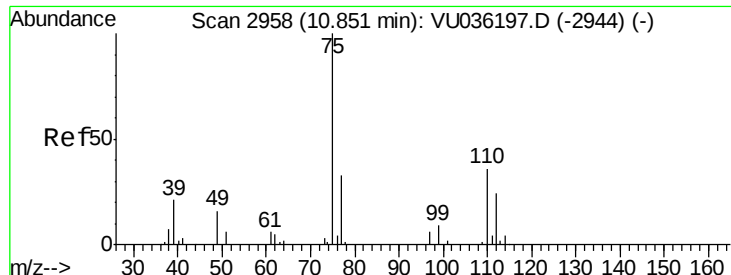
Tot Ion: 43 Resp: 9041
Ion Ratio Lower Upper
43 100
58 47.2 46.2 69.2
57 19.9 16.2 24.4
100 6.5 10.2 15.4#



#49
Dibromochloromethane
Concen: 0.516 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036214.D
Acq: 13 Dec 2019 22:29

Tgt Ion: 129 Resp: 9509
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#





#59
 1,2,3-Trichloropropane
 Concen: 0.812 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036214.D
 Acq: 13 Dec 2019 22:29

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE59

Tot Ion: 75 Resp: 10739
 Ion Ratio Lower Upper
 75 100
 77 34.0 27.2 40.8

