

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036212.D
 Acq On : 13 Dec 2019 21:41
 Operator : JC/MD
 Sample : K6234-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE57

Quant Time: Dec 14 01:23:05 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	226277	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251595	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85313	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	95137	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	91665	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.59	63	100808	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.68	46	187497	50.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.46%
24) Chloroform-d	5.11	84	127488	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.75	65	89003	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.77	84	302220	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.73	67	100362	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	240084	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.21	79	36724	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.68	63	147144	46.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.86%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	89632	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	88033	5.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.80%

Target Compounds

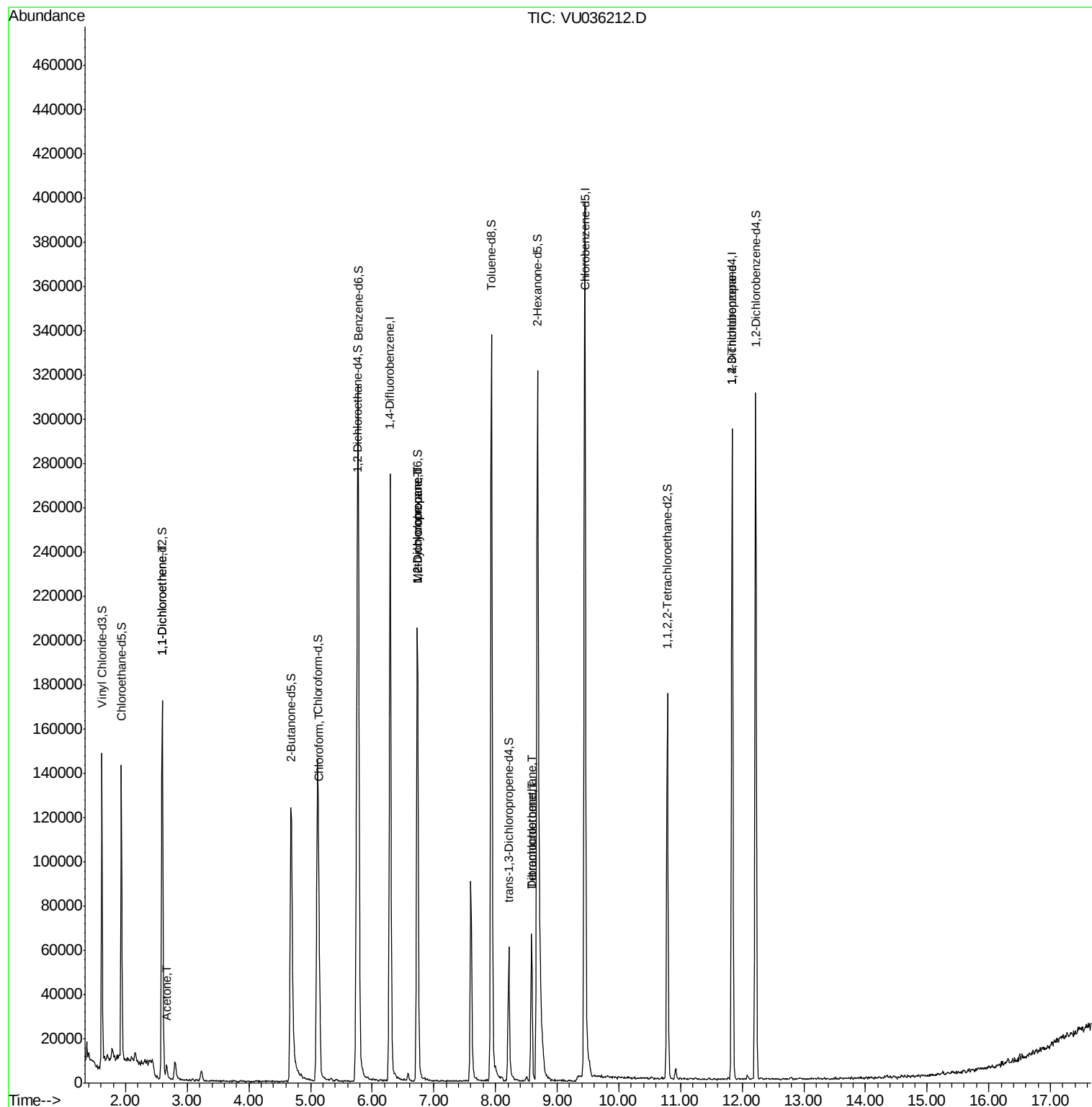
					Ovalue
12) 1,1-Dichloroethene	2.60	96	1096	0.065 ug/L #	1
13) Acetone	2.66	43	5499	1.690 ug/L	97
25) Chloroform	5.14	83	45536	1.297 ug/L	98
35) Methylcyclohexane	6.73	83	23319	0.823 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10325	0.523 ug/L #	85
47) Tetrachloroethene	8.59	164	16274	0.904 ug/L	94
49) Dibromochloromethane	8.58	129	14520	0.795 ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	9171	0.699 ug/L	93

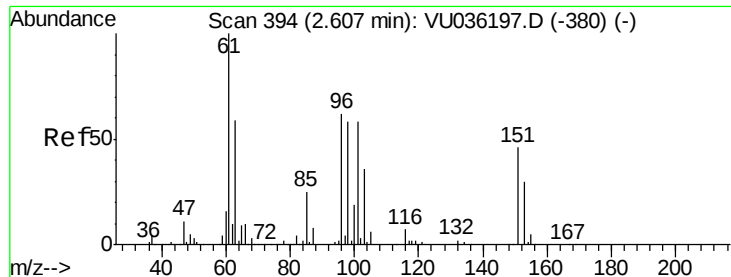
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 14 01:19:01 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.065 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036212.D

Acq: 13 Dec 2019 21:41

Instrument :

MSVOA_U

ClientSampleId :

BFE57

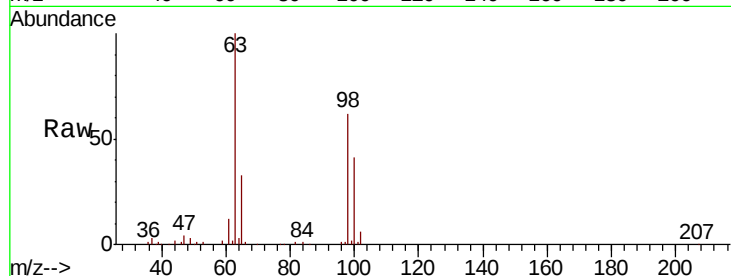
Tot Ion: 96 Resp: 1096

Ion Ratio Lower Upper

96 100

61 944.3 114.0 211.8#

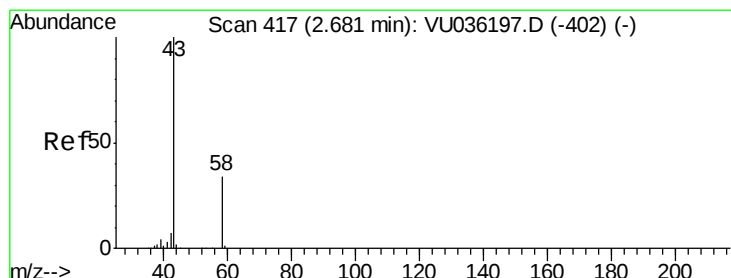
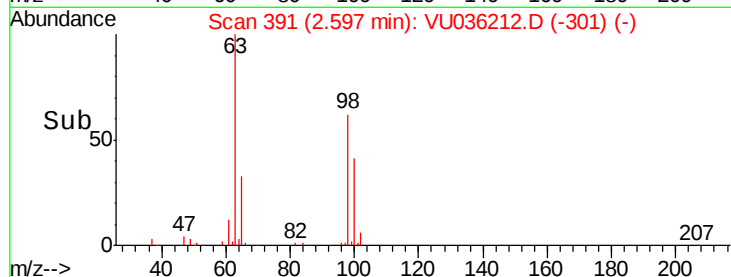
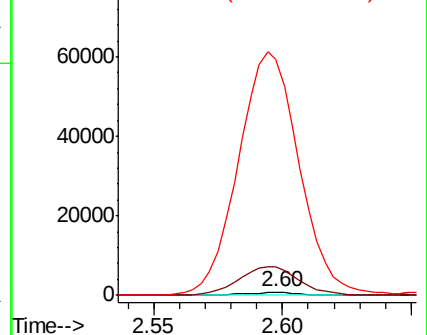
63 7844.6 63.6 118.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 1.690 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036212.D

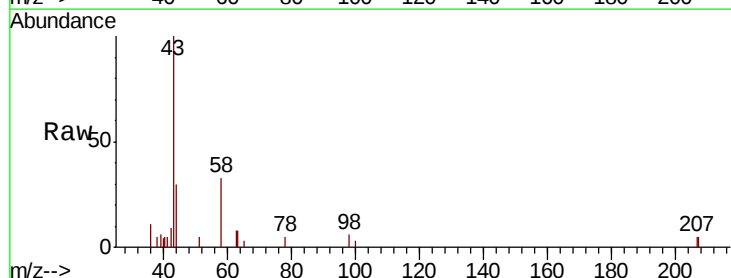
Acq: 13 Dec 2019 21:41

Tgt Ion: 43 Resp: 5499

Ion Ratio Lower Upper

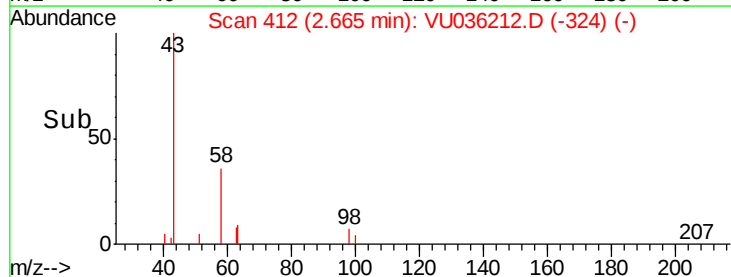
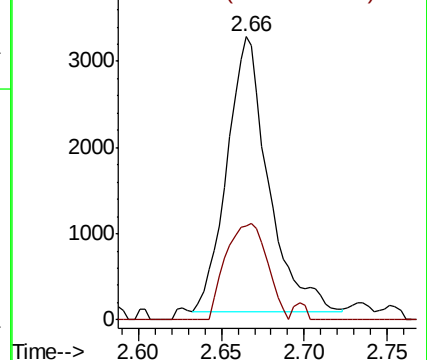
43 100

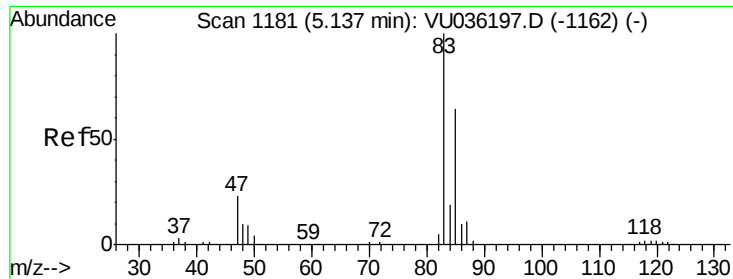
58 35.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

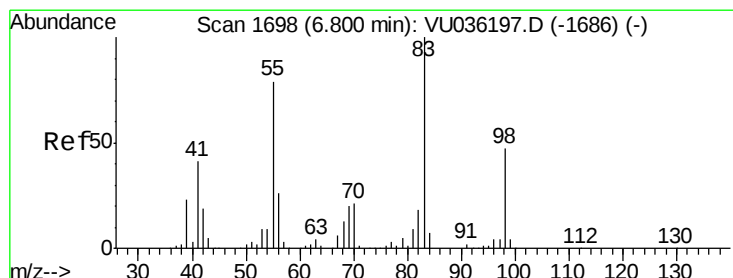
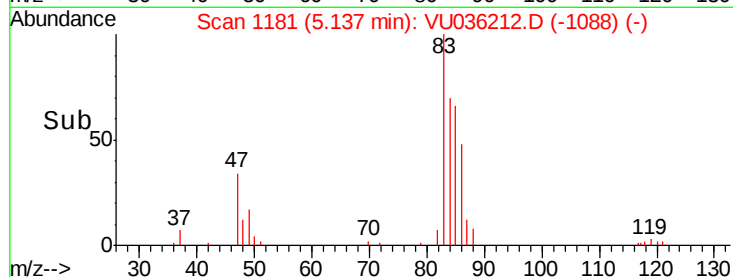
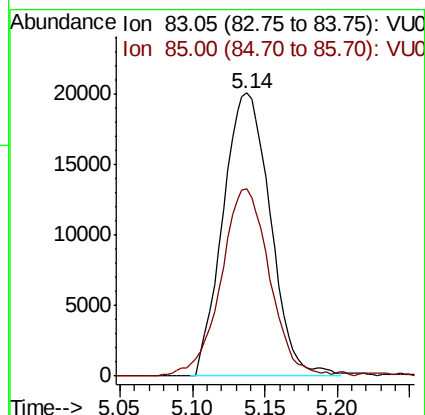
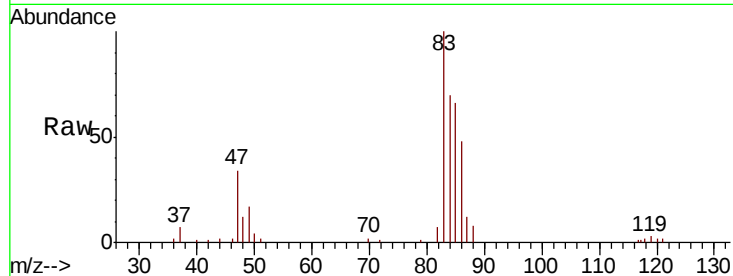




#25
Chloroform
Concen: 1.297 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036212.D
Acq: 13 Dec 2019 21:41

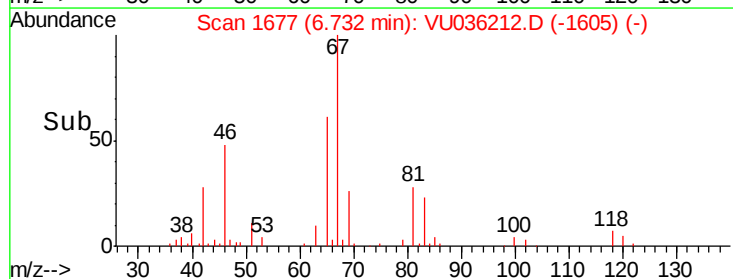
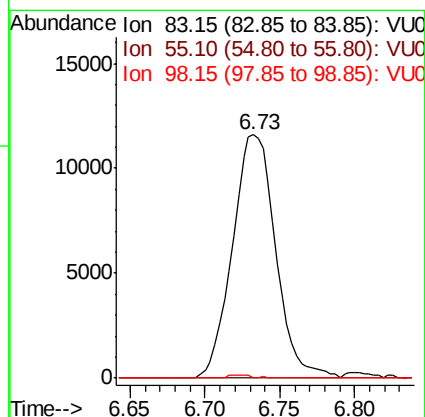
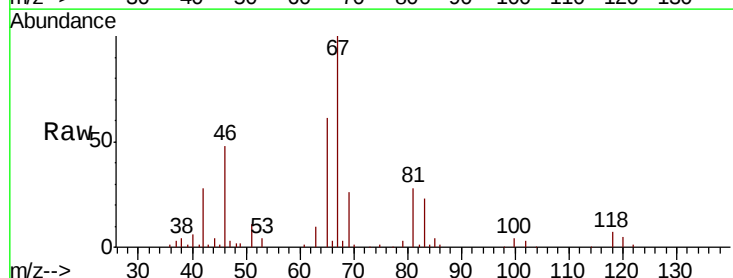
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BFE57

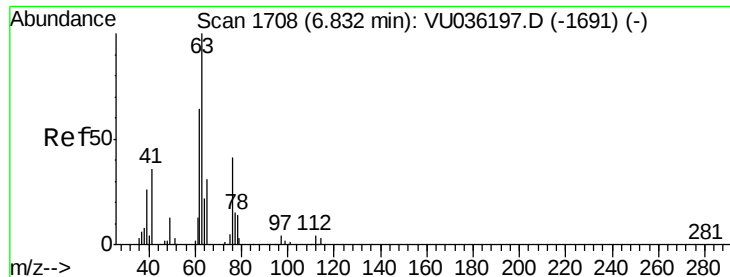
Tot Ion: 83 Resp: 45536
Ion Ratio Lower Upper
83 100
85 66.0 47.5 88.1



#35
Methylcyclohexane
Concen: 0.823 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036212.D
Acq: 13 Dec 2019 21:41

Tgt Ion: 83 Resp: 23319
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.1 36.2 54.2#

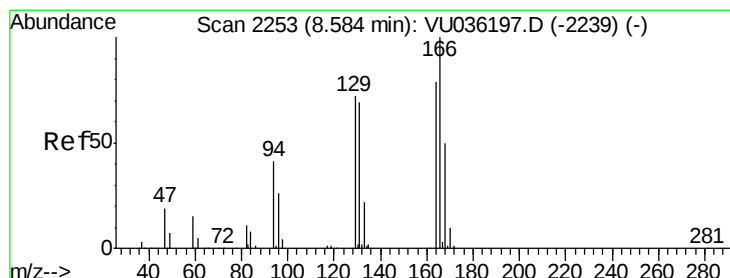
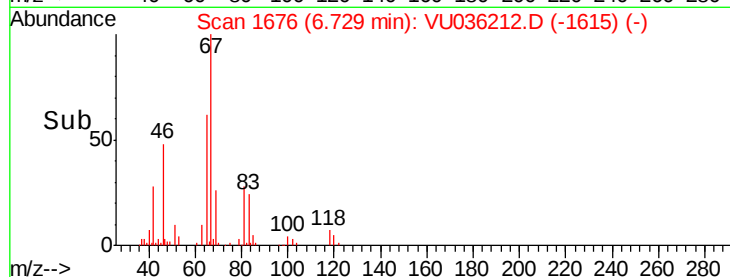
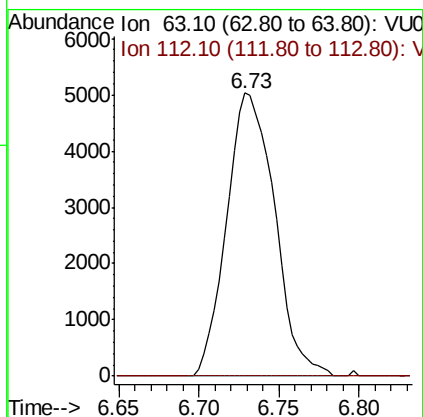
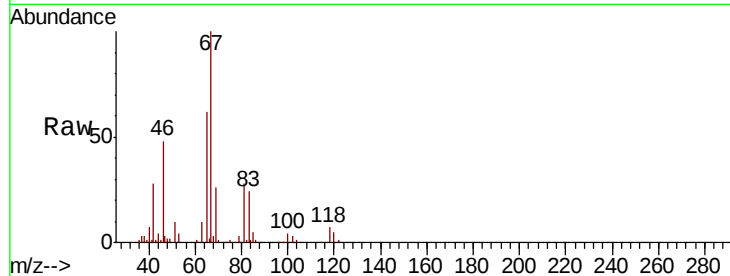




#37
 1,2-Dichloropropane
 Concen: 0.523 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036212.D
 Acq: 13 Dec 2019 21:41

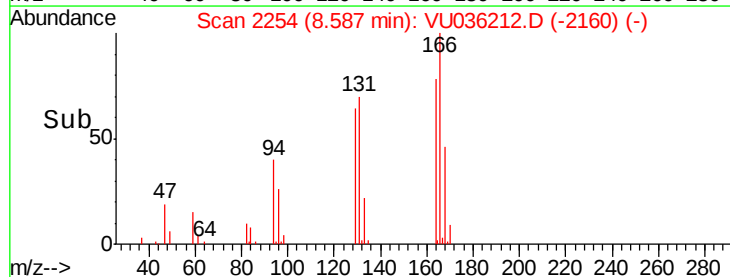
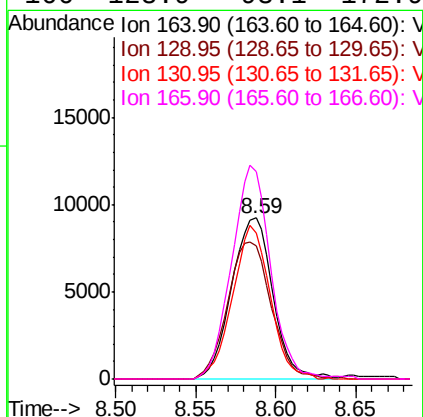
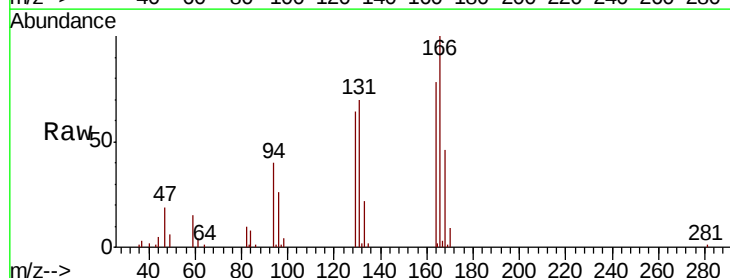
Instrument :
 MSVOA_U
 ClientSampled :
 BFE57

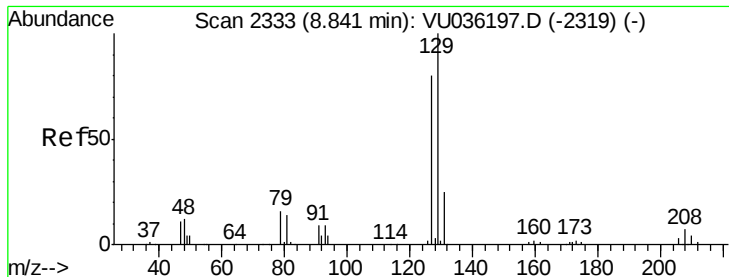
Tot Ion: 63 Resp: 10325
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#47
 Tetrachloroethene
 Concen: 0.904 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU036212.D
 Acq: 13 Dec 2019 21:41

Tgt Ion:164 Resp: 16274
 Ion Ratio Lower Upper
 164 100
 129 82.3 64.2 119.2
 131 90.6 66.6 123.8
 166 128.9 93.1 172.9

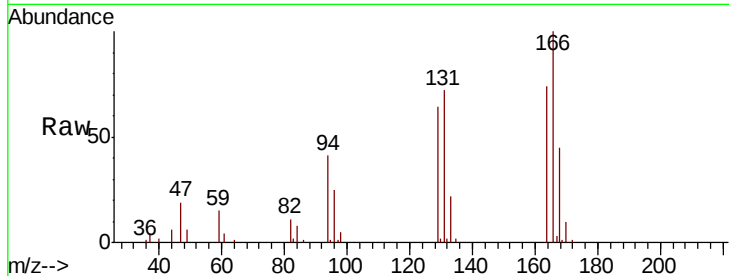




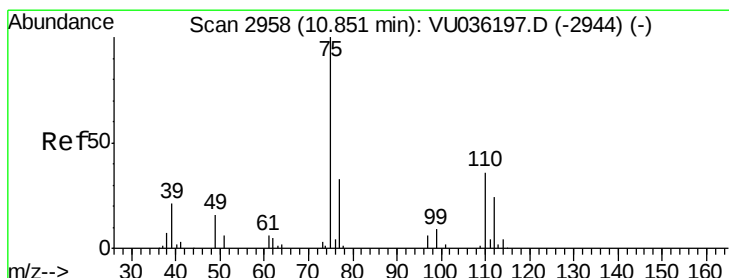
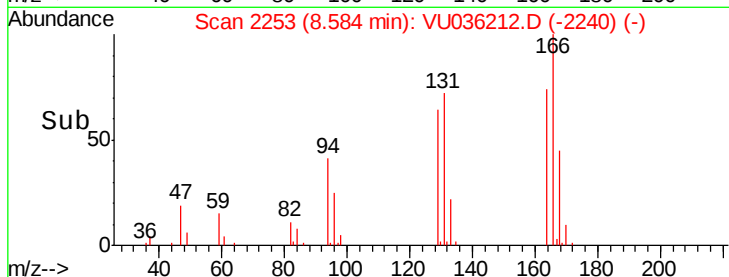
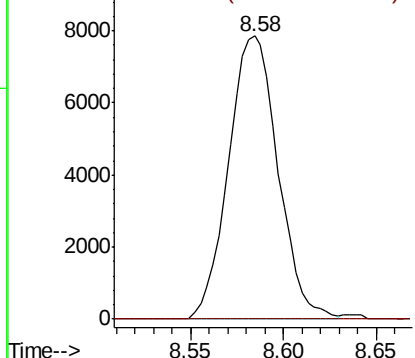
#49
Dibromochloromethane
Concen: 0.795 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036212.D
Acq: 13 Dec 2019 21:41

Instrument :
MSVOA_U
ClientSampleId :
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Tot Ion:129 Resp: 14520
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#

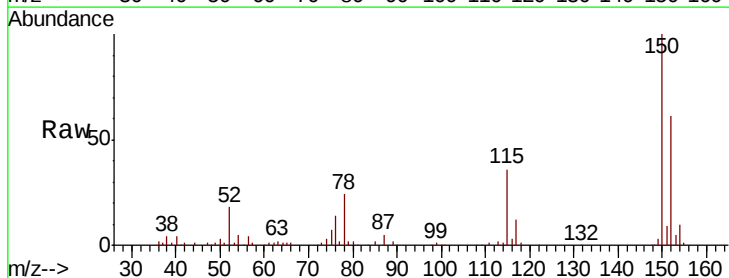


Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V



#59
1,2,3-Trichloropropane
Concen: 0.699 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.98 min
Lab File: VU036212.D
Acq: 13 Dec 2019 21:41

Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
77 37.7 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

