

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036213.D
 Acq On : 13 Dec 2019 22:05
 Operator : JC/MD
 Sample : K6234-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE58

Quant Time: Dec 14 01:23:12 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	232290	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	249619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	83540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	93210	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	92798	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	63	98714	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.68	46	193647	50.53	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	5.11	84	139531	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.75	65	89370	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.77	84	296506	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.73	67	97238	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	243399	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.21	79	35848	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.68	63	145012	46.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91381	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	84186	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

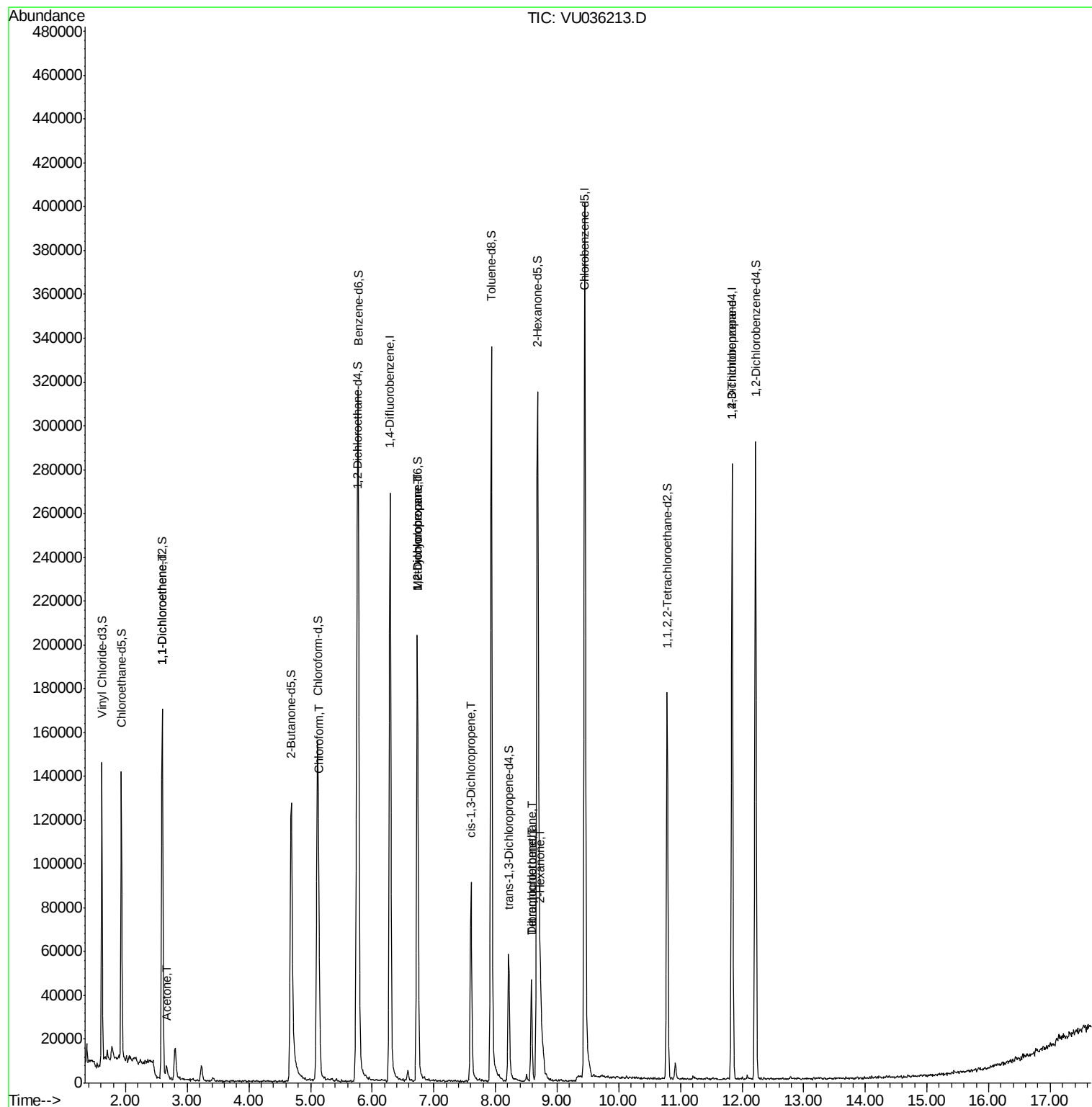
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	1194	0.069	ug/L #	1
13) Acetone	2.66	43	6571	1.967	ug/L	97
25) Chloroform	5.14	83	40643	1.128	ug/L	98
35) Methylcyclohexane	6.73	83	22912	0.815	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10544	0.539	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2351	0.088	ug/L #	38
47) Tetrachloroethene	8.58	164	11134	0.623	ug/L	99
48) 2-Hexanone	8.73	43	9621	1.259	ug/L #	65
49) Dibromochloromethane	8.58	129	9846	0.543	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9495	0.730	ug/L	95

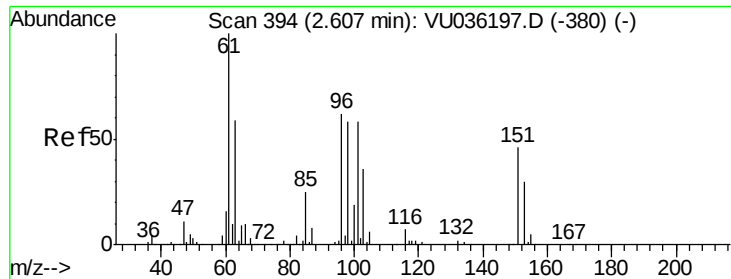
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 14 01:19:01 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.069 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036213.D

Acq: 13 Dec 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

BFE58

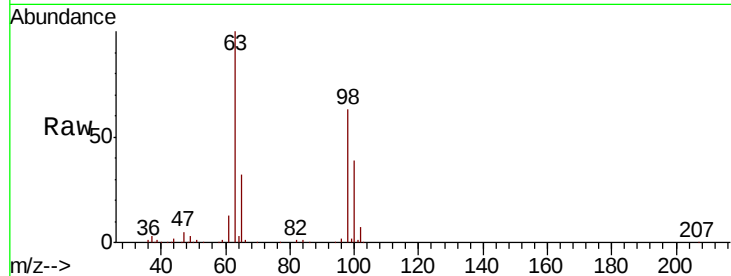
Tot Ion: 96 Resp: 1194

Ion Ratio Lower Upper

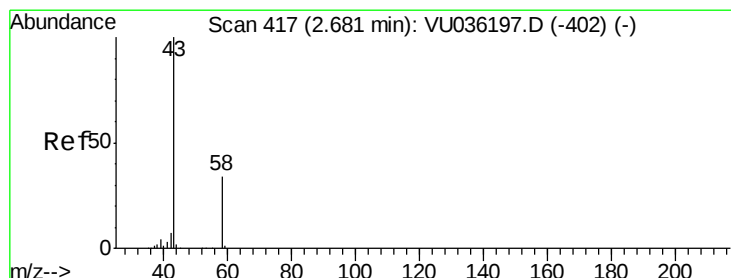
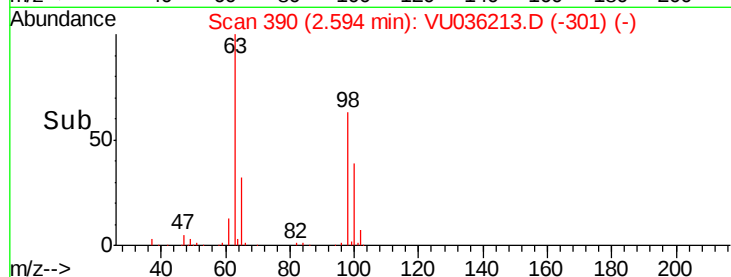
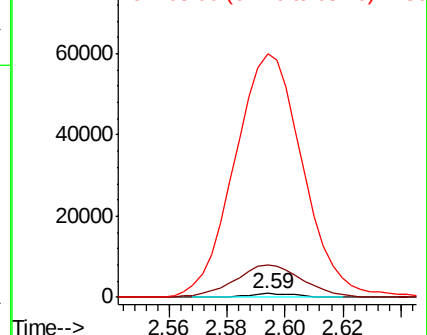
96 100

61 889.9 114.0 211.8#

63 6632.7 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: 1.967 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036213.D

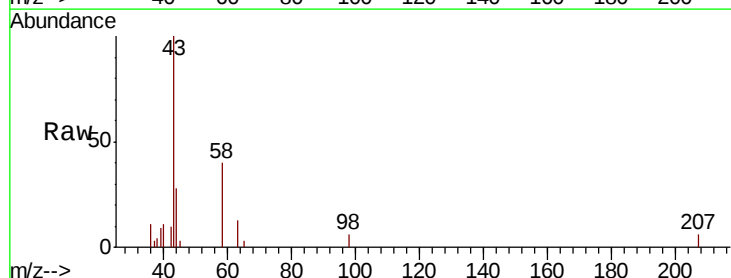
Acq: 13 Dec 2019 22:05

Tgt Ion: 43 Resp: 6571

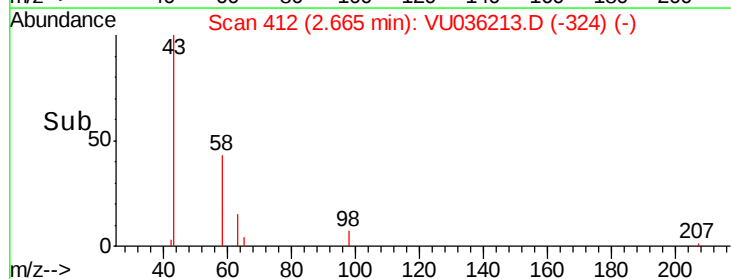
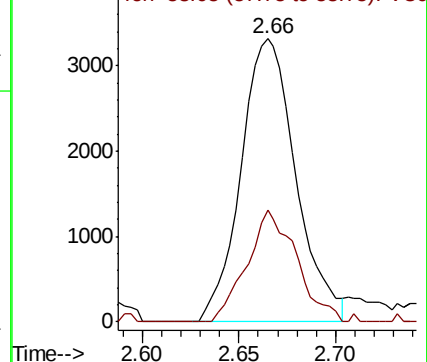
Ion Ratio Lower Upper

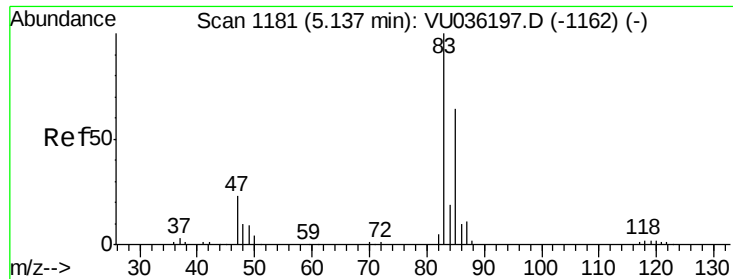
43 100

58 35.7 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

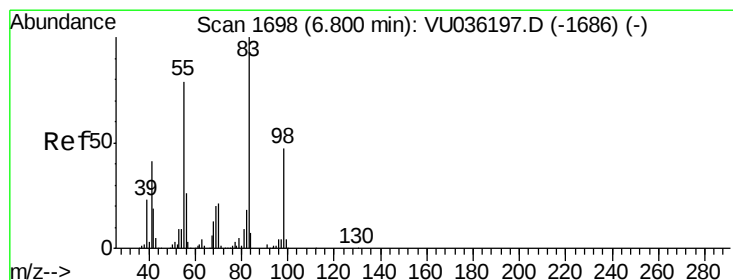
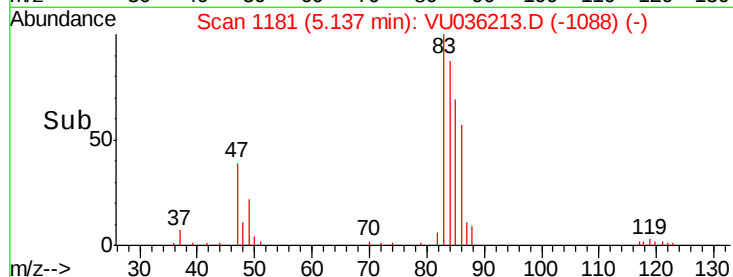
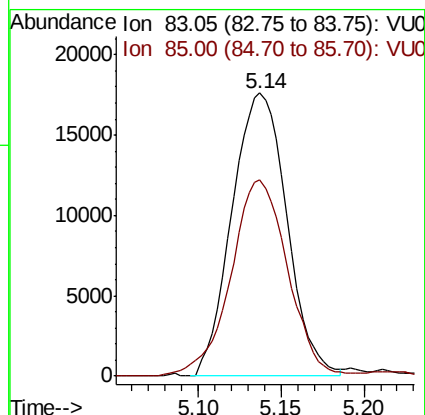
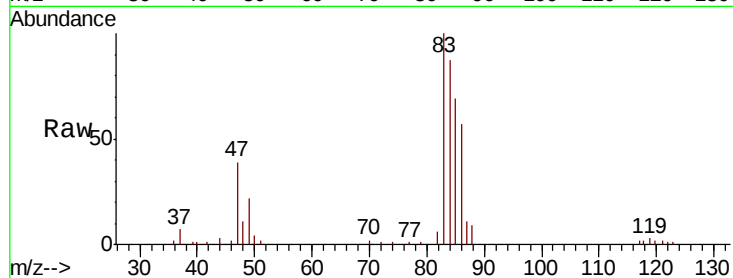




#25
Chloroform
Concen: 1.128 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

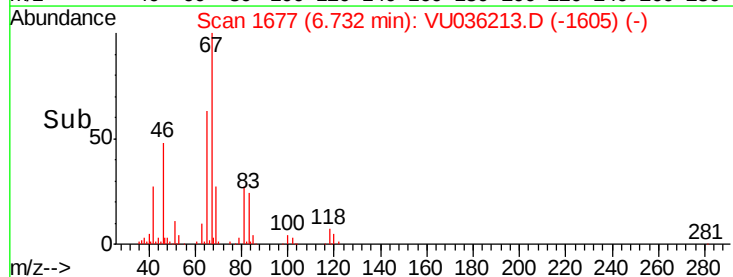
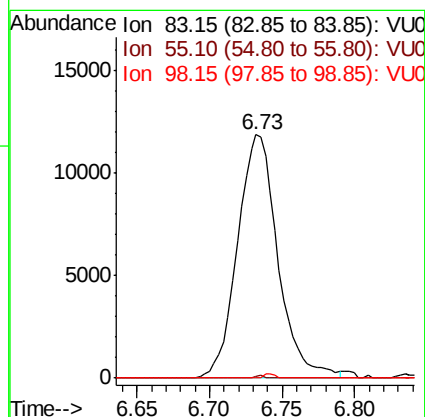
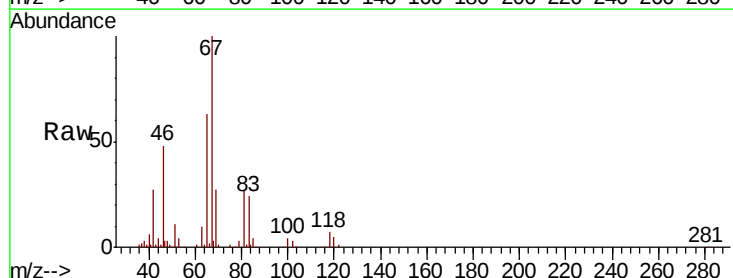
Instrument :
MSVOA_U
ClientSampleId :
BFE58

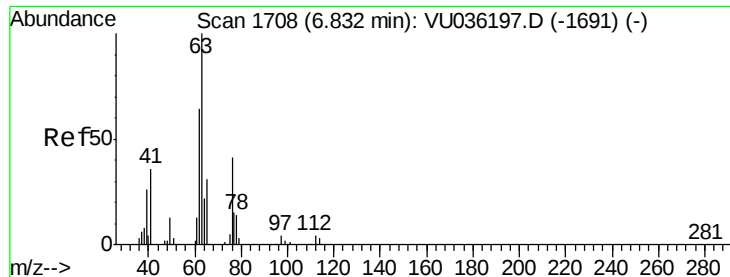
Tot Ion: 83 Resp: 40643
Ion Ratio Lower Upper
83 100
85 69.3 47.5 88.1



#35
Methylcyclohexane
Concen: 0.815 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

Tgt Ion: 83 Resp: 22912
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.5 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036213.D

Acq: 13 Dec 2019 22:05

Instrument :

MSVOA_U

ClientSampleId :

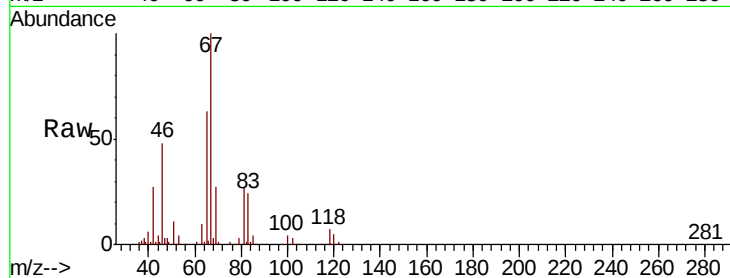
BF58

Tot Ion: 63 Resp: 10544

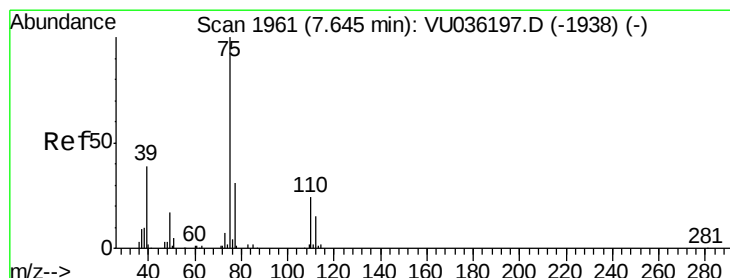
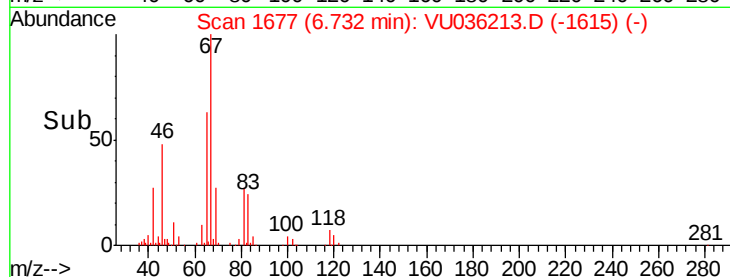
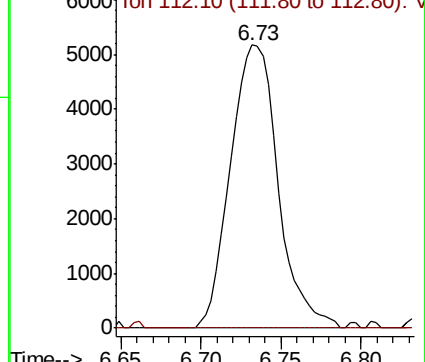
Ion Ratio Lower Upper

63 100

112 0.4 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036213.D (-1677) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.05 min

Lab File: VU036213.D

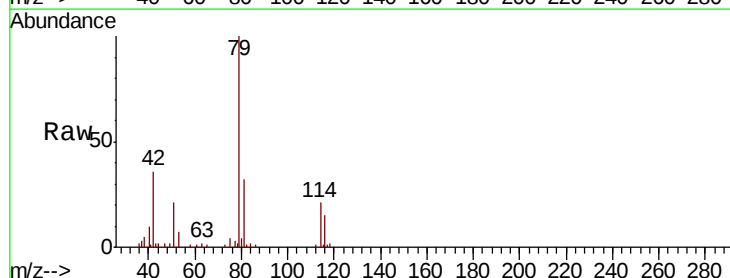
Acq: 13 Dec 2019 22:05

Tgt Ion: 75 Resp: 2351

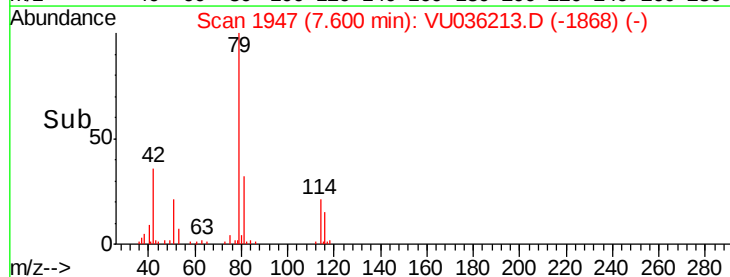
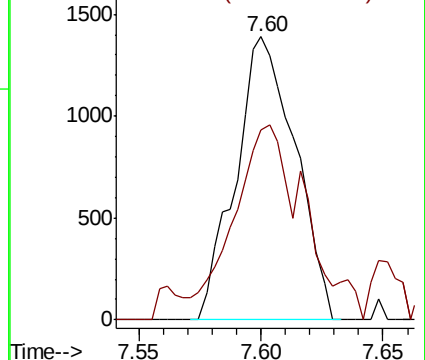
Ion Ratio Lower Upper

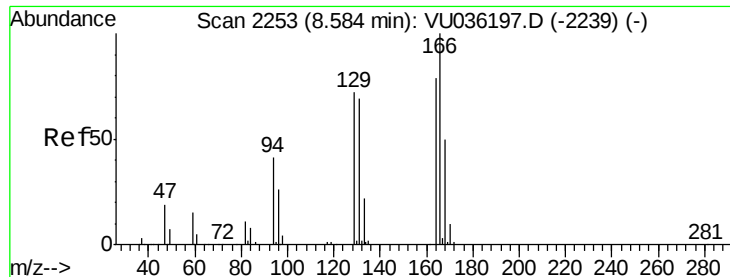
75 100

77 66.9 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036213.D (-1868) (-)

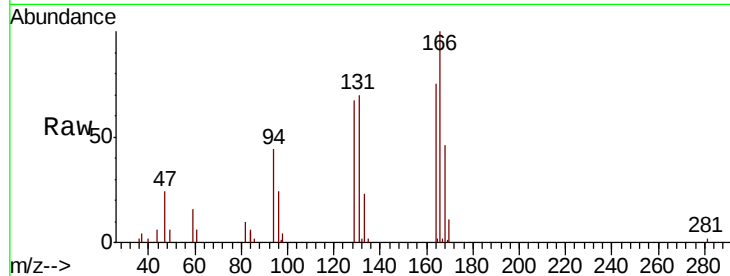




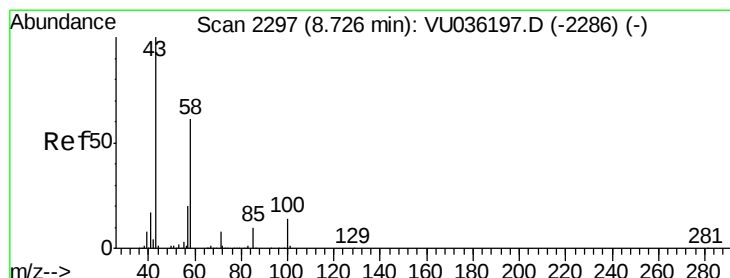
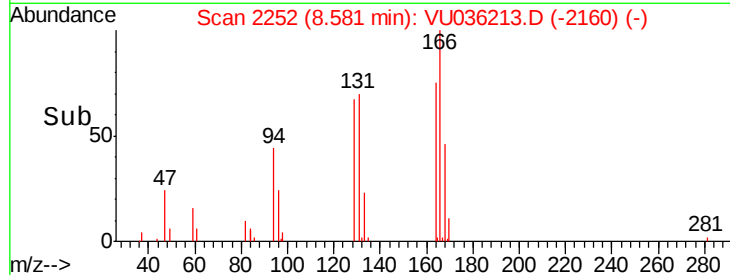
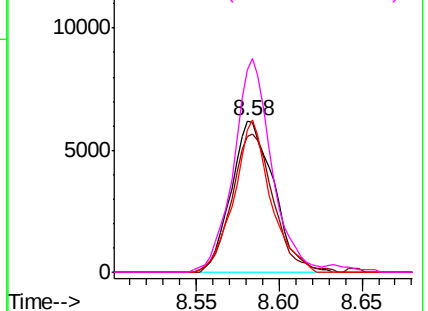
#47
Tetrachloroethene
Concen: 0.623 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

Instrument :
MSVOA_U
ClientSampleId :
BFE58

Tot Ion:164 Resp: 11134
Ion Ratio Lower Upper
164 100
129 89.8 64.2 119.2
131 94.0 66.6 123.8
166 133.8 93.1 172.9

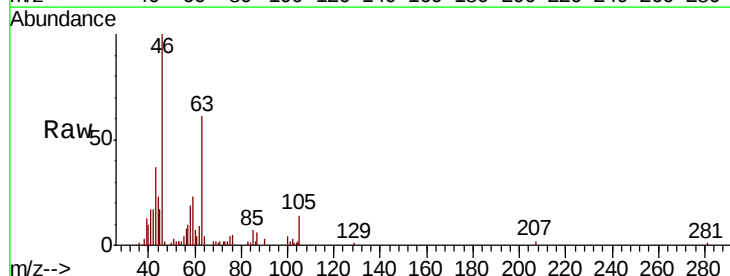


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

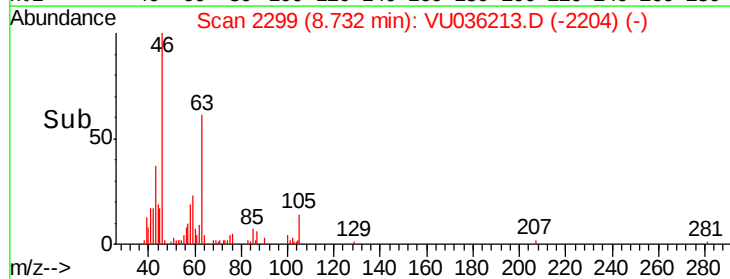
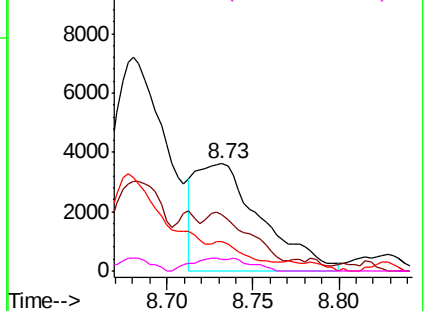


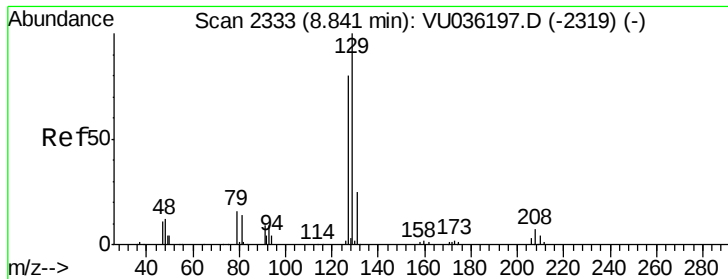
#48
2-Hexanone
Concen: 1.259 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. 0.01 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

Tgt Ion: 43 Resp: 9621
Ion Ratio Lower Upper
43 100
58 31.2 46.2 69.2#
57 0.0 16.2 24.4#
100 5.7 10.2 15.4#



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

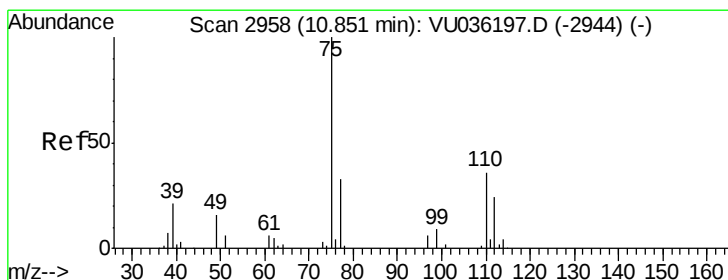
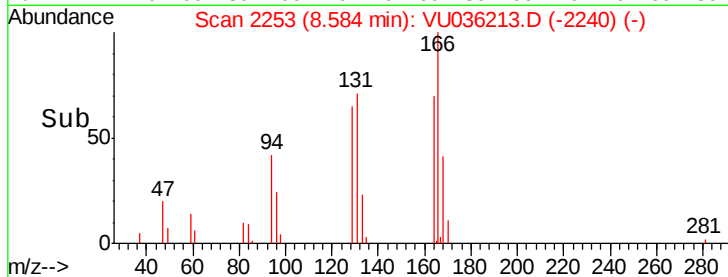
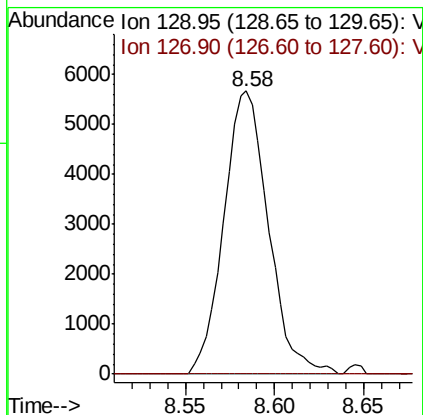
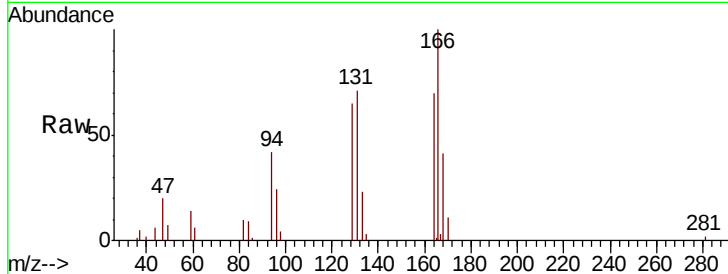




#49
Dibromochloromethane
Concen: 0.543 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

Instrument :
MSVOA_U
ClientSampled :
BFE58

Tot Ion:129 Resp: 9846
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.6#



#59
1,2,3-Trichloropropane
Concen: 0.730 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036213.D
Acq: 13 Dec 2019 22:05

Tgt Ion: 75 Resp: 9495
Ion Ratio Lower Upper
75 100
77 36.7 27.2 40.8

