

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121319\
 Data File : VU036220.D
 Acq On : 14 Dec 2019 00:55
 Operator : JC/MD
 Sample : K6234-12 200X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE63

Quant Time: Dec 14 04:25:25 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	211368	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	238187	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	77128	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	87807	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	89482	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.59	63	93741	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.69	46	187857	53.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.74%
24) Chloroform-d	5.11	84	135130	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	87362	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.77	84	284768	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.73	67	93230	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.93	98	230258	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.21	79	34767	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.68	63	144378	48.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88459	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	78605	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

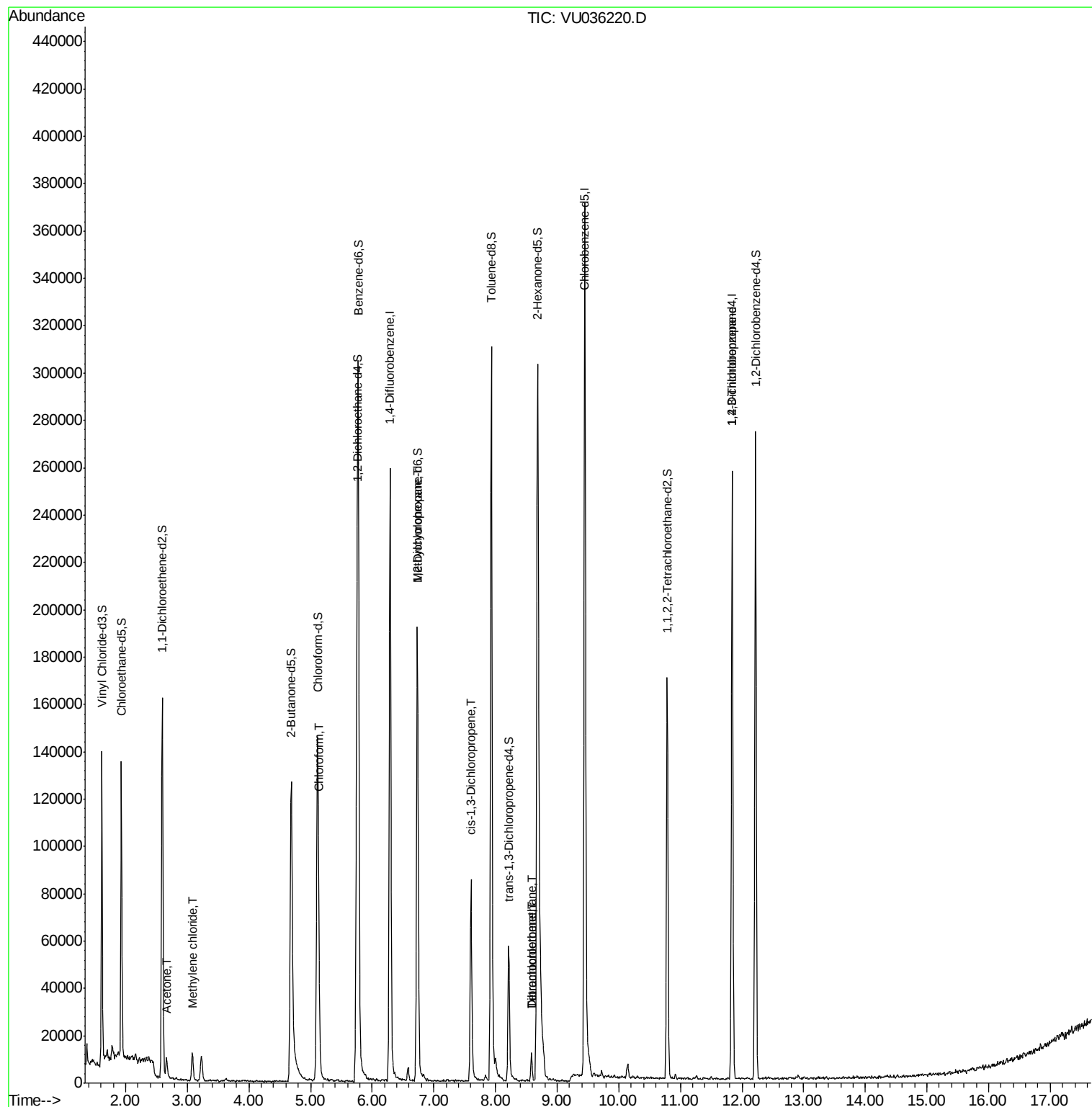
					Ovalue
13) Acetone	2.66	43	8774	2.887 ug/L	97
16) Methylene chloride	3.08	84	6289	0.273 ug/L	90
25) Chloroform	5.14	83	24651	0.752 ug/L	100
35) Methylcyclohexane	6.73	83	22336	0.832 ug/L #	19
39) cis-1,3-Dichloropropene	7.60	75	2423	0.095 ug/L #	56
47) Tetrachloroethene	8.59	164	2983	0.175 ug/L	91
49) Dibromochloromethane	8.58	129	2579	0.149 ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	9056	0.730 ug/L	97

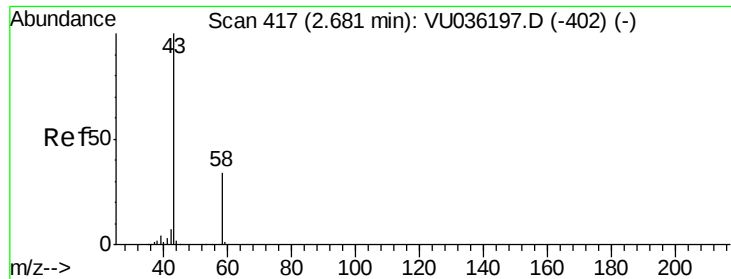
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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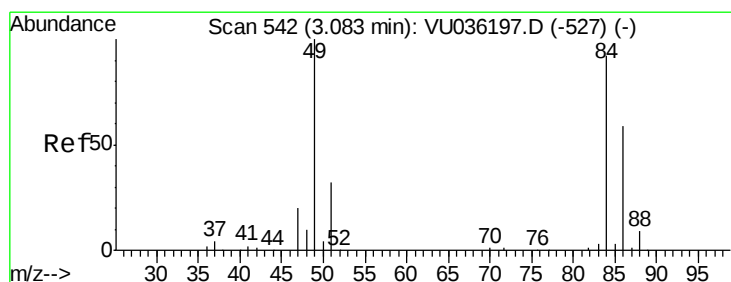
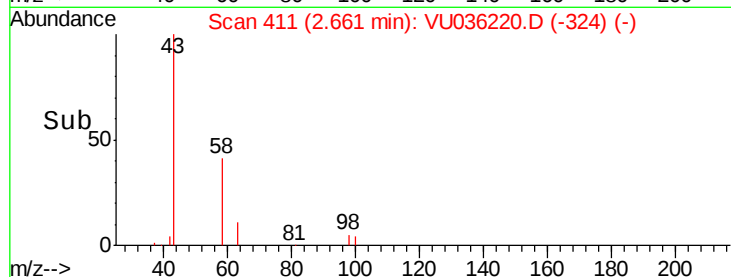
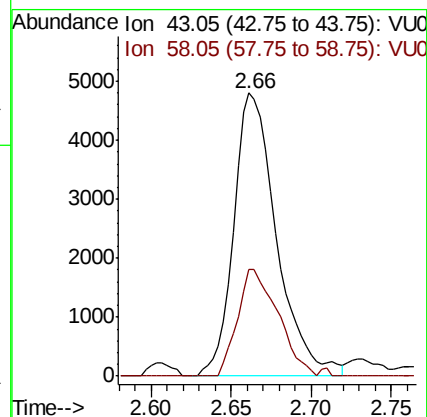
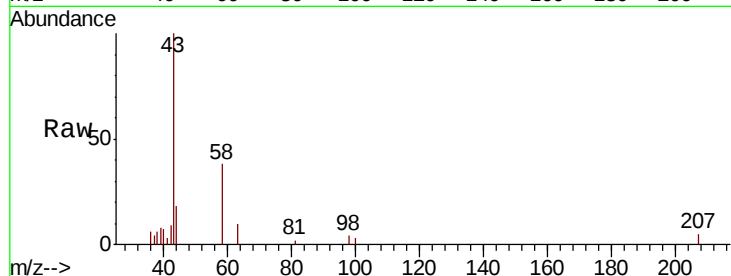




#13
Acetone
Concen: 2.887 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.02 min
Lab File: VU036220.D
Acq: 14 Dec 2019 00:55

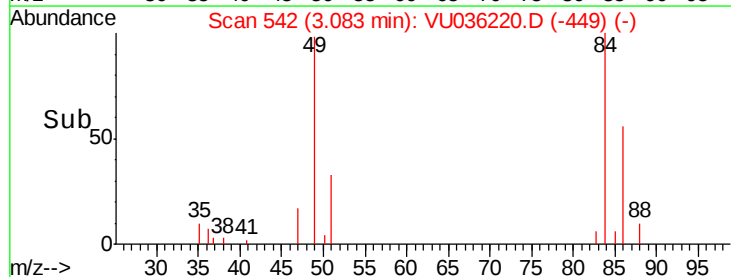
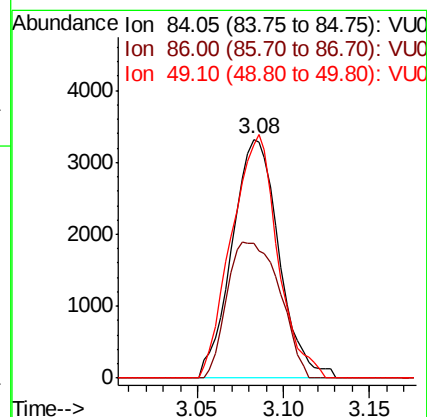
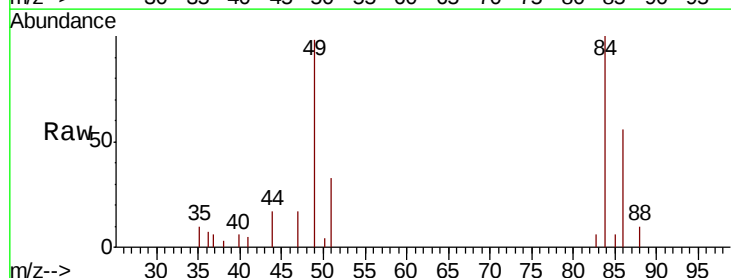
Instrument :
MSVOA_U
ClientSampleId :
BFE63

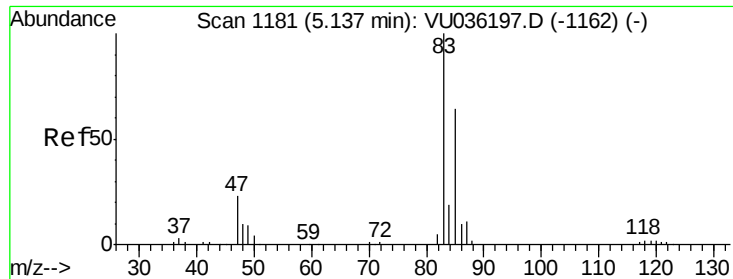
Tot Ion: 43 Resp: 8774
Ion Ratio Lower Upper
43 100
58 35.5 0.0 67.6



#16
Methylene chloride
Concen: 0.273 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU036220.D
Acq: 14 Dec 2019 00:55

Tgt Ion: 84 Resp: 6289
Ion Ratio Lower Upper
84 100
86 56.3 43.0 79.8
49 97.9 77.3 143.5

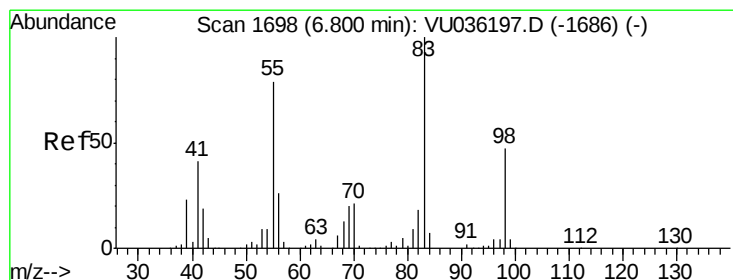
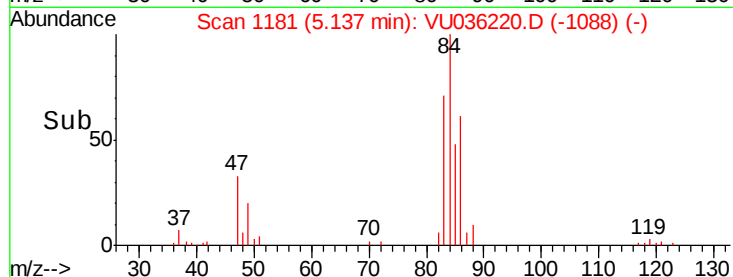
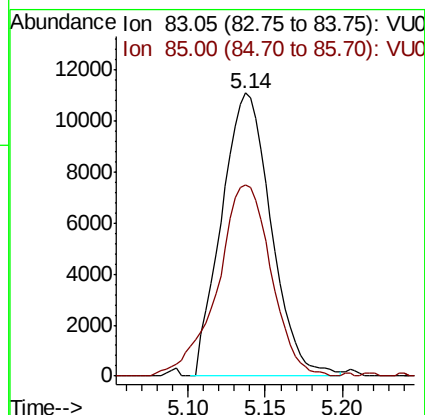
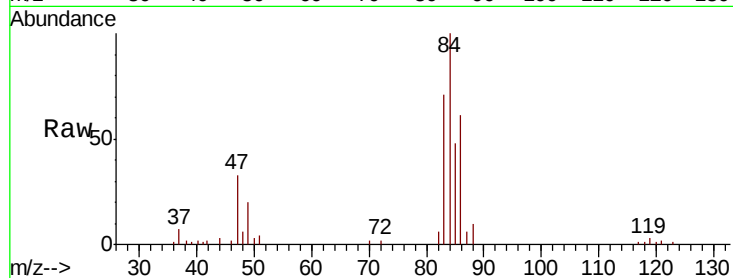




#25
Chloroform
Concen: 0.752 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU036220.D
Acq: 14 Dec 2019 00:55

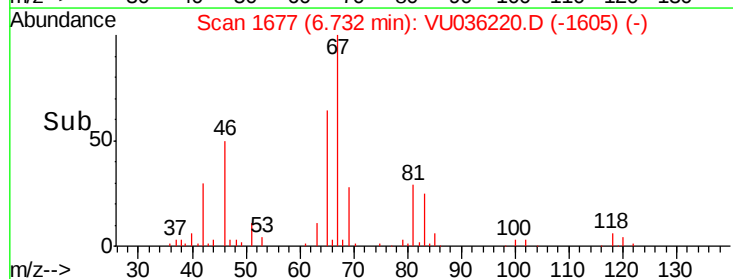
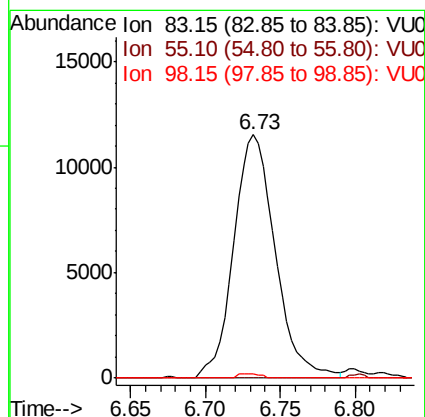
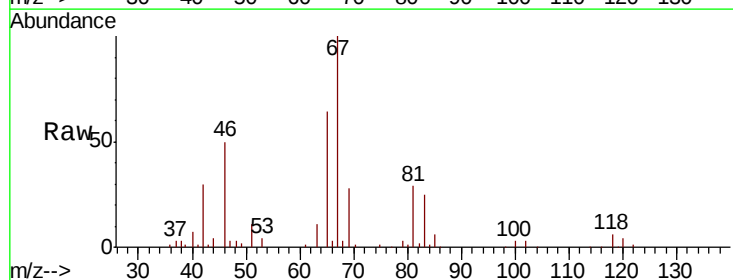
Instrument :
MSVOA_U
ClientSampled :
BFE63

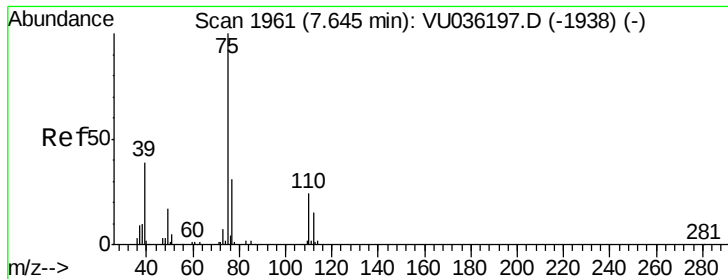
Tot Ion: 83 Resp: 24651
Ion Ratio Lower Upper
83 100
85 67.7 47.5 88.1



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036220.D
Acq: 14 Dec 2019 00:55

Tgt Ion: 83 Resp: 22336
Ion Ratio Lower Upper
83 100
55 0.5 62.6 94.0#
98 0.9 36.2 54.2#



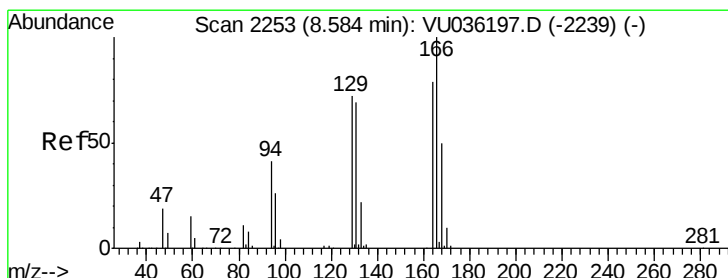
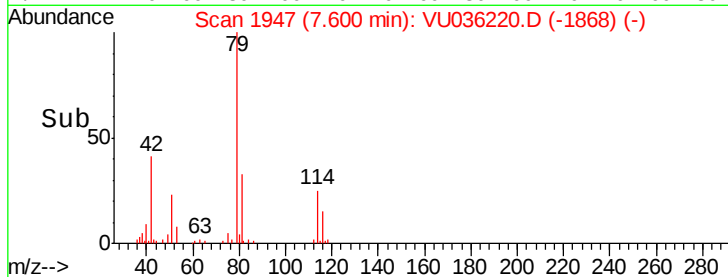
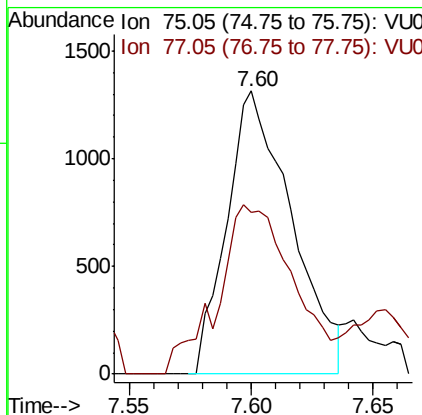
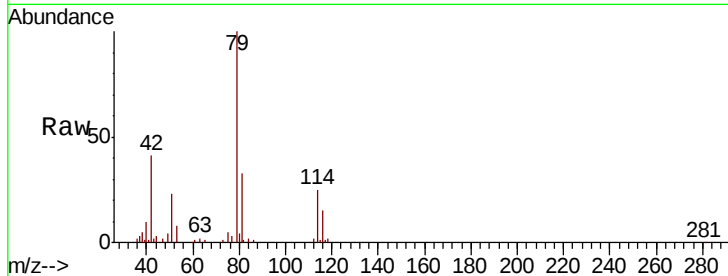


#39

cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.05 min
 Lab File: VU036220.D
 Acq: 14 Dec 2019 00:55

Instrument :
 MSVOA_U
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 BFE63

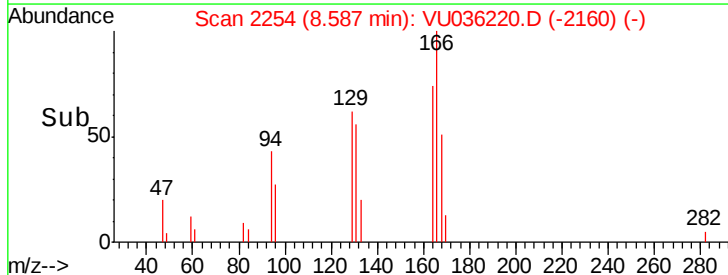
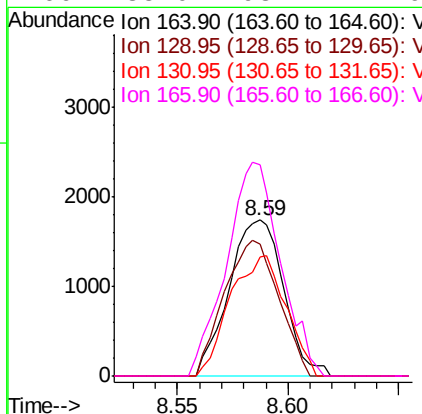
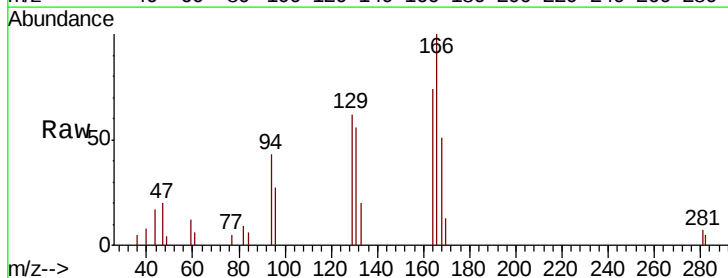
Tot Ion: 75 Resp: 2423
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.7 42.1#

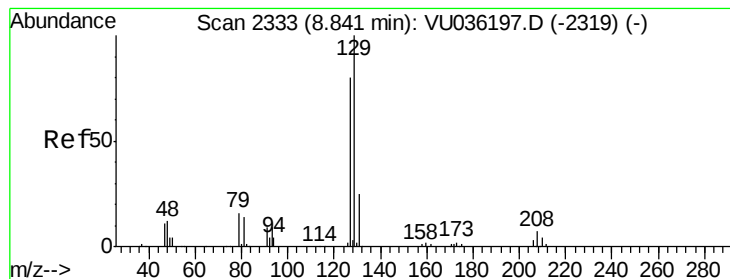


#47

Tetrachloroethene
 Concen: 0.175 ug/L
 RT: 8.59 min Scan# 2254
 Delta R.T. 0.00 min
 Lab File: VU036220.D
 Acq: 14 Dec 2019 00:55

Tgt Ion: 164 Resp: 2983
 Ion Ratio Lower Upper
 164 100
 129 84.3 64.2 119.2
 131 75.9 66.6 123.8
 166 135.0 93.1 172.9





#49

Dibromochloromethane

Concen: 0.149 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU036220.D

Acq: 14 Dec 2019 00:55

Instrument :

MSVOA_U

ClientSampleId :

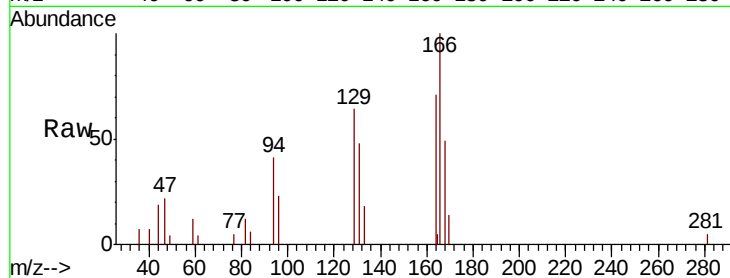
BFE63

Tot Ion:129 Resp: 2579

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

8.58

1500

1000

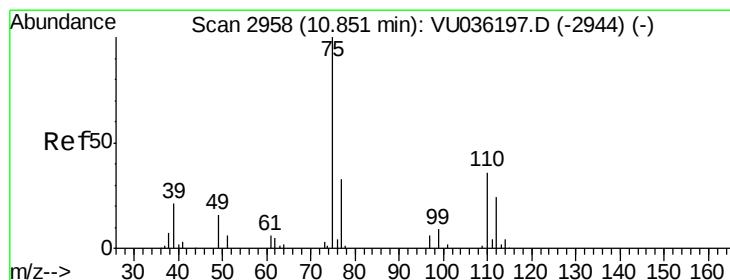
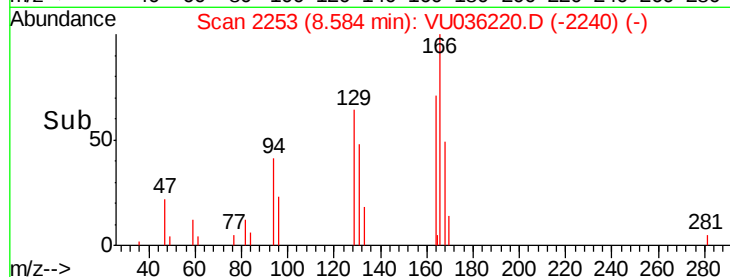
500

0

8.55

8.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.730 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036220.D

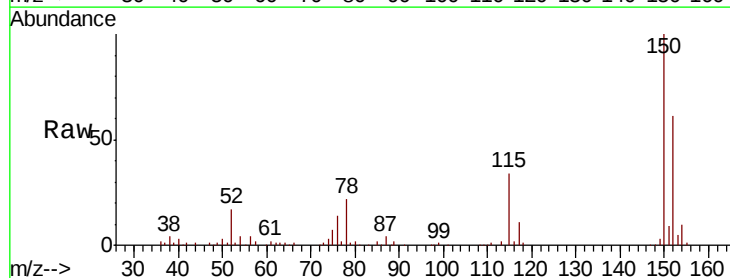
Acq: 14 Dec 2019 00:55

Tgt Ion: 75 Resp: 9056

Ion Ratio Lower Upper

75 100

77 35.7 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.84

5000

4000

3000

2000

1000

0

11.80

11.85

11.90

Time-->

