

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036217.D
 Acq On : 13 Dec 2019 23:42
 Operator : JC/MD
 Sample : K6240-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS6

Quant Time: Dec 14 01:23:39 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	214612	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	243351	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94441	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97684	5.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.40%
7) Chloroethane-d5	1.93	69	88512	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.59	63	97240	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	4.70	46	237749	67.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.30%#
24) Chloroform-d	5.11	84	162135	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	5.75	65	87513	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
32) Benzene-d6	5.77	84	293543	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.73	67	98416	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	236374	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.21	79	37001	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.68	63	182266	60.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.22%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	97866	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	98901	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

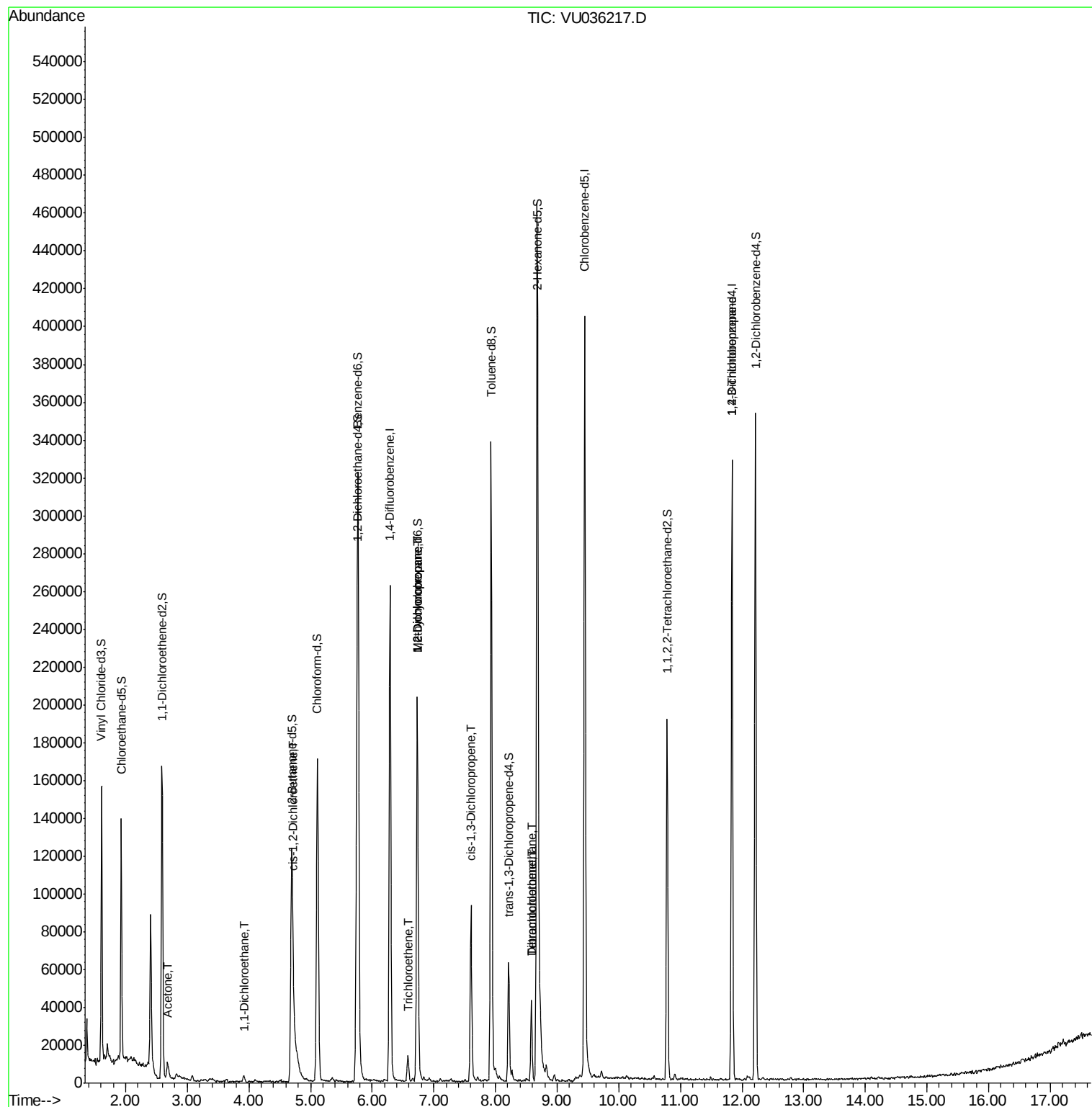
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	12760	4.135	ug/L	93
19) 1,1-Dichloroethane	3.92	63	3964	0.129	ug/L #	84
22) cis-1,2-Dichloroethene	4.72	96	2181	0.122	ug/L	84
34) Trichloroethene	6.58	95	4754	0.247	ug/L	96
35) Methylcyclohexane	6.73	83	23776	0.867	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	9988	0.523	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2486	0.096	ug/L #	56
47) Tetrachloroethene	8.58	164	10476	0.602	ug/L	88
49) Dibromochloromethane	8.58	129	9270	0.525	ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	10051	0.793	ug/L	91

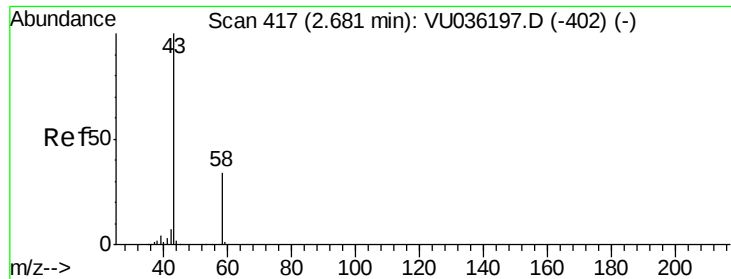
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 4.135 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

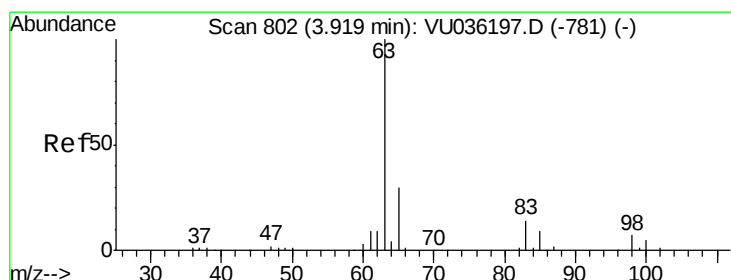
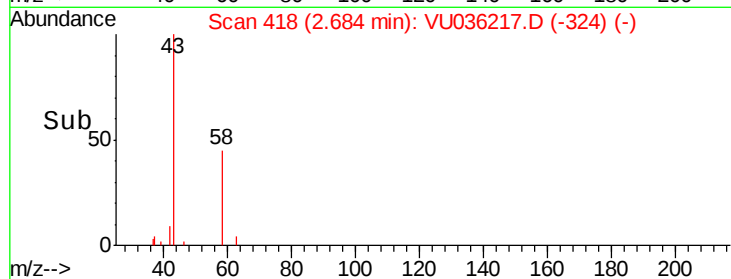
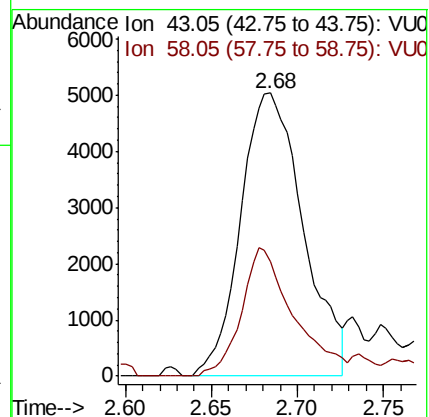
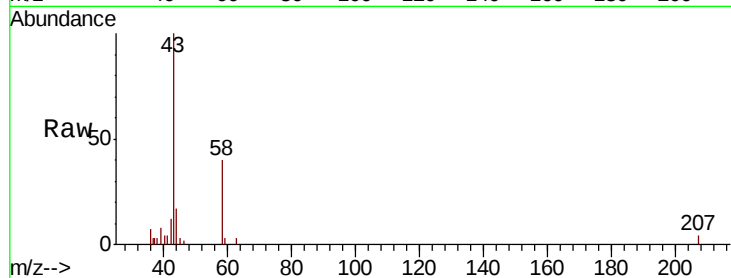
BFQS6

Tot Ion: 43 Resp: 12760

Ion Ratio Lower Upper

43 100

58 37.8 0.0 67.6



#19

1,1-Dichloroethane

Concen: 0.129 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

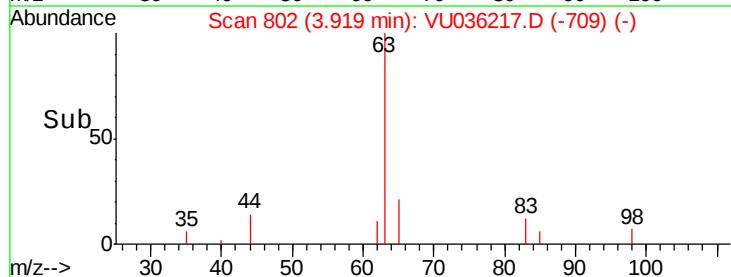
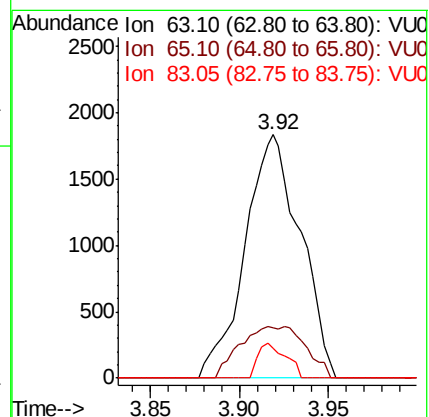
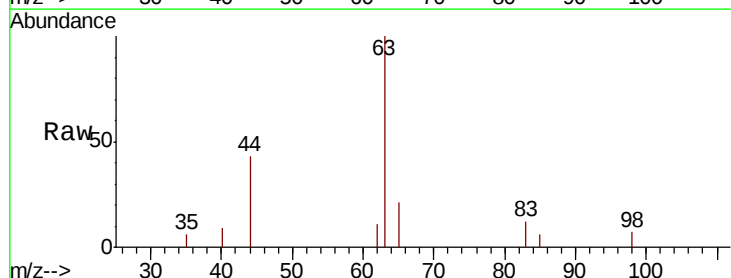
Tgt Ion: 63 Resp: 3964

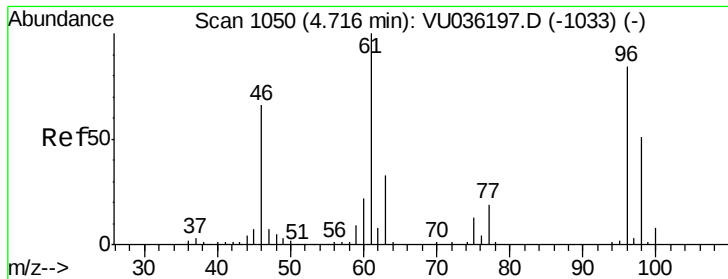
Ion Ratio Lower Upper

63 100

65 20.8 22.6 42.0#

83 12.1 9.7 18.1





#22

cis-1,2-Dichloroethene

Concen: 0.122 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

BFQS6

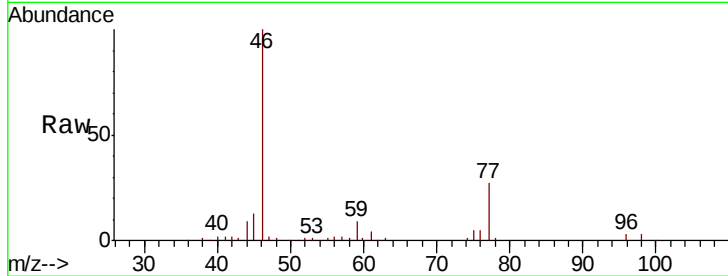
Tot Ion: 96 Resp: 2181

Ion Ratio Lower Upper

96 100

61 105.8 86.7 161.1

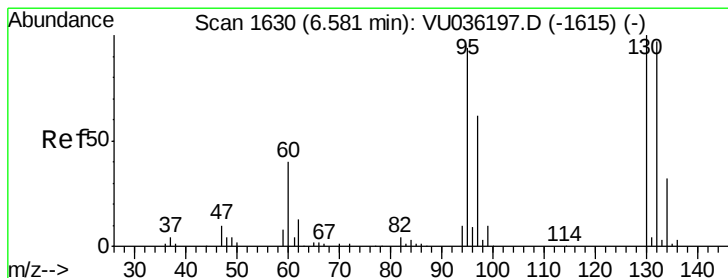
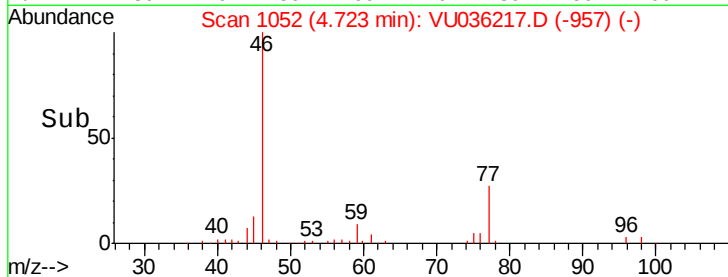
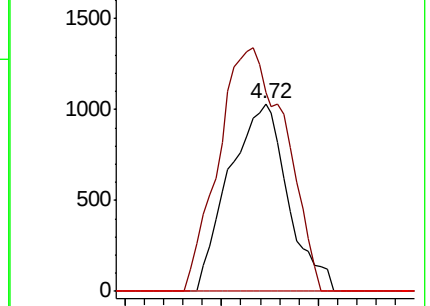
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036217.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU036217.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU036217.D (-1033) (-)



#34

Trichloroethene

Concen: 0.247 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Tgt Ion: 95 Resp: 4754

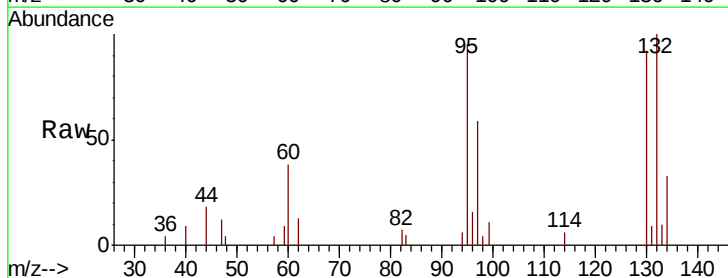
Ion Ratio Lower Upper

95 100

97 61.8 43.6 81.0

132 105.0 69.6 129.2

130 96.3 70.3 130.7

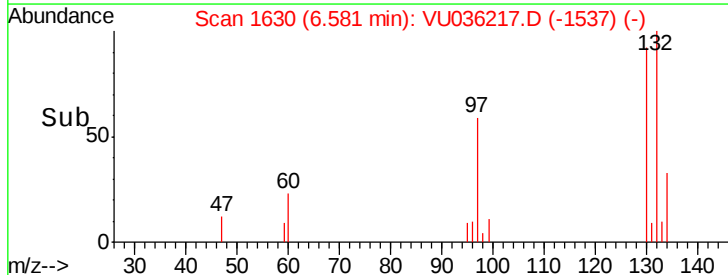
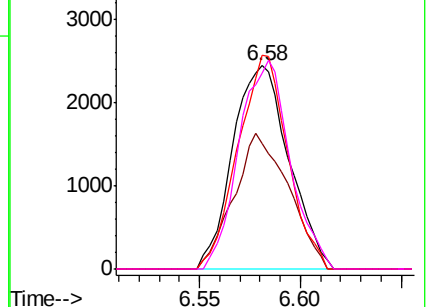


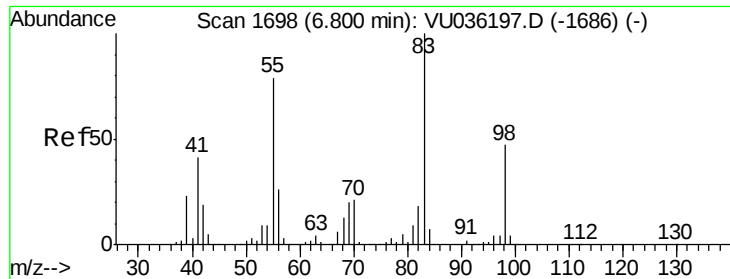
Abundance Ion 95.00 (94.70 to 95.70): VU036217.D (-1615) (-)

Ion 96.95 (96.65 to 97.65): VU036217.D (-1615) (-)

Ion 131.95 (131.65 to 132.65): VU036217.D (-1615) (-)

Ion 129.95 (129.65 to 130.65): VU036217.D (-1615) (-)

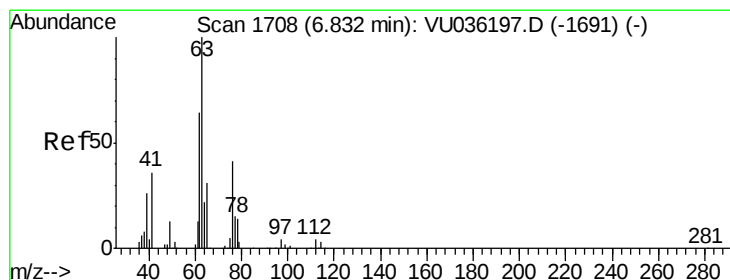
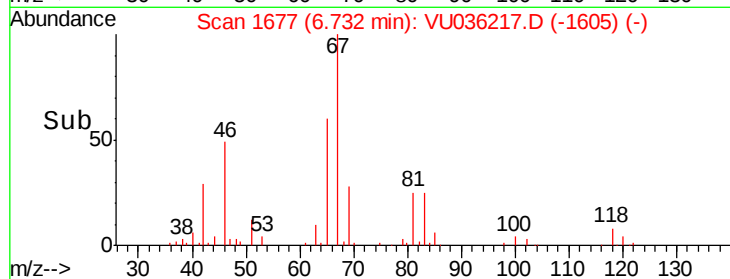
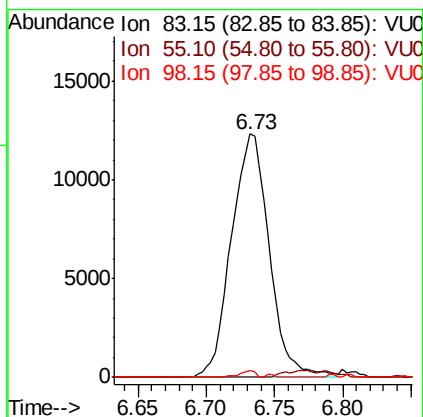
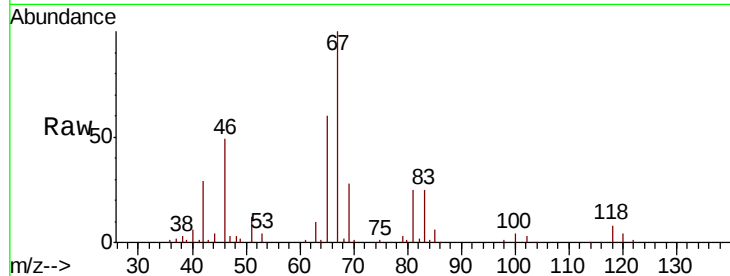




#35
Methvlcvclohexane
Concen: 0.867 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036217.D
Acq: 13 Dec 2019 23:42

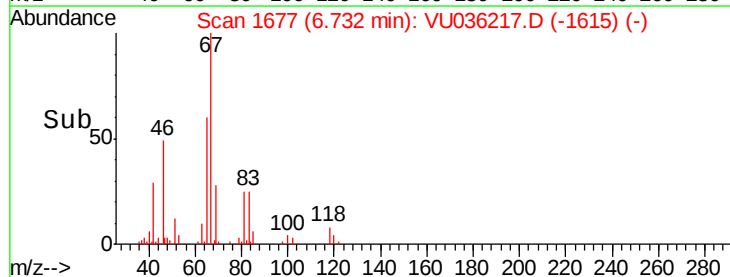
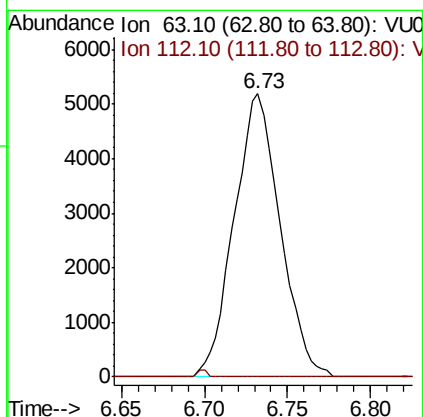
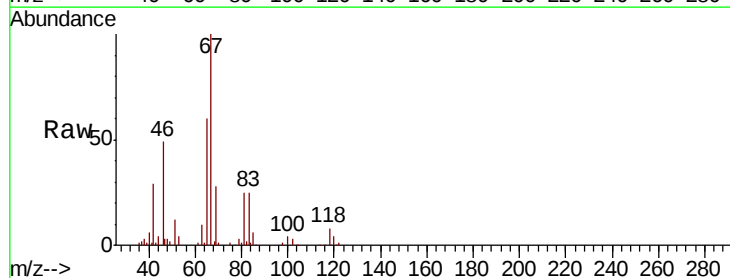
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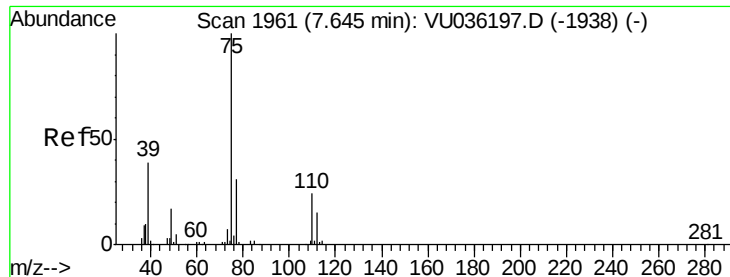
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.1	36.2	54.2#



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036217.D
Acq: 13 Dec 2019 23:42

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.5	3.8	5.8#

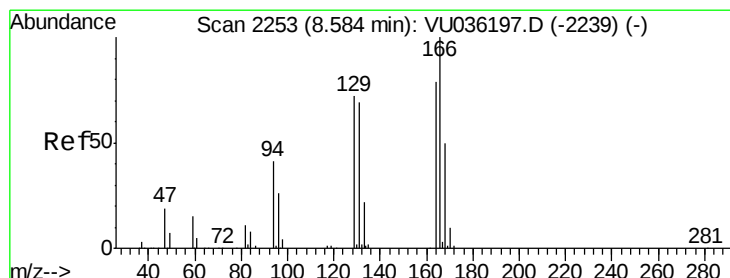
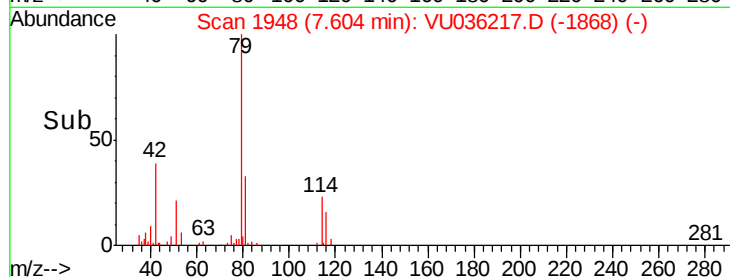
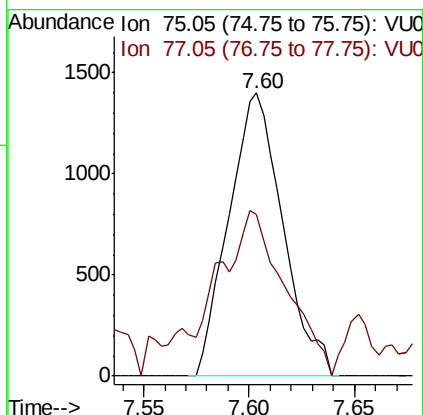
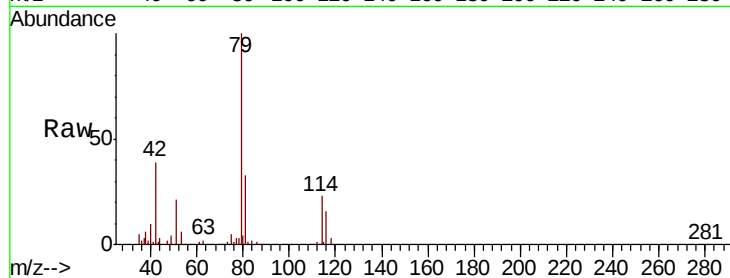




#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036217.D
 Acq: 13 Dec 2019 23:42

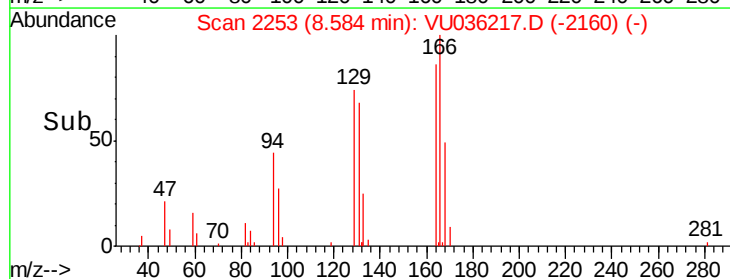
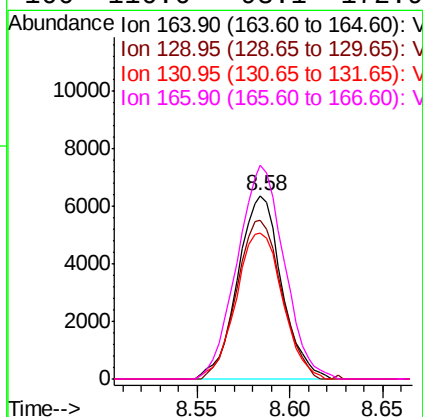
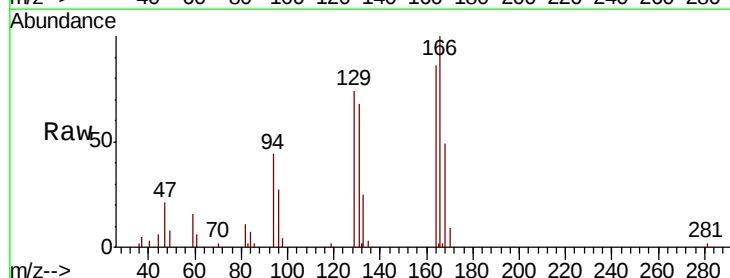
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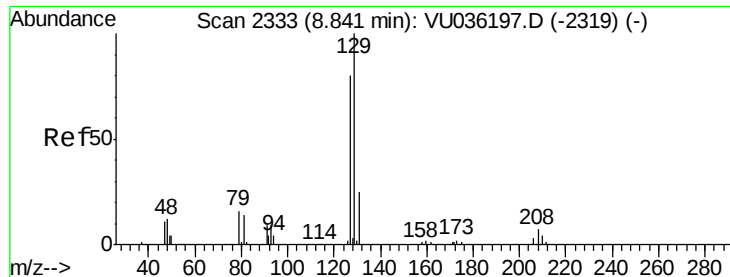
Tot Ion: 75 Resp: 2486
 Ion Ratio Lower Upper
 75 100
 77 57.3 22.7 42.1#



#47
 Tetrachloroethene
 Concen: 0.602 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU036217.D
 Acq: 13 Dec 2019 23:42

Tgt Ion:164 Resp: 10476
 Ion Ratio Lower Upper
 164 100
 129 86.5 64.2 119.2
 131 79.7 66.6 123.8
 166 116.6 93.1 172.9





#49

Dibromochloromethane

Concen: 0.525 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.26 min

Lab File: VU036217.D

Acq: 13 Dec 2019 23:42

Instrument :

MSVOA_U

ClientSampleId :

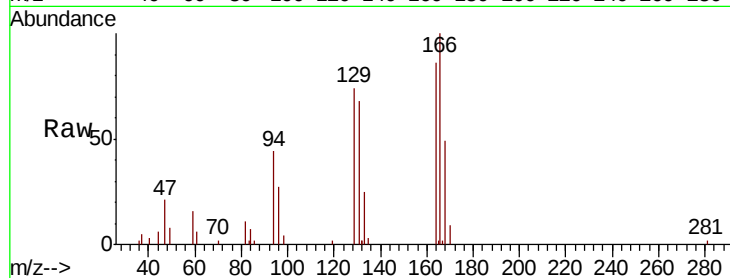
BFQS6

Tot Ion:129 Resp: 9270

Ion Ratio Lower Upper

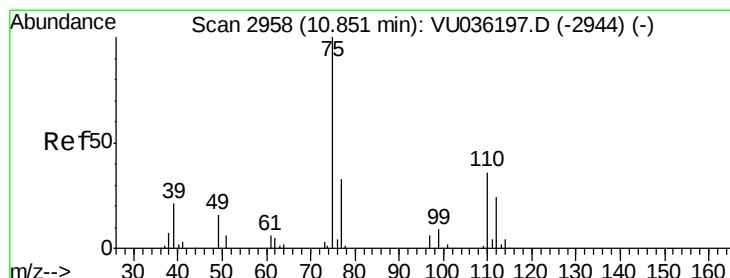
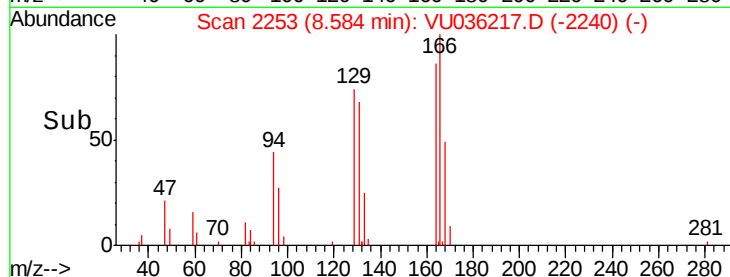
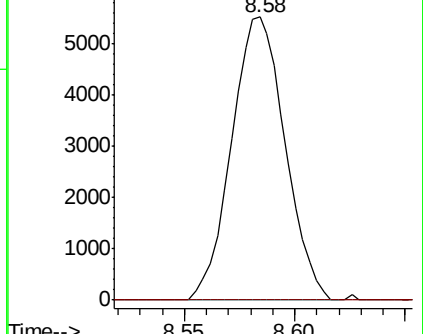
129 100

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: 0.793 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036217.D

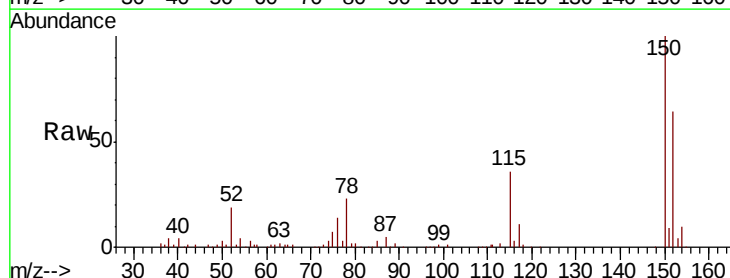
Acq: 13 Dec 2019 23:42

Tgt Ion: 75 Resp: 10051

Ion Ratio Lower Upper

75 100

77 39.2 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

