

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036211.D
 Acq On : 13 Dec 2019 21:16
 Operator : JC/MD
 Sample : K6234-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE54

Quant Time: Dec 14 01:22:57 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	223595	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	247747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	91904	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92874	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.93	69	90296	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	99004	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.68	46	194975	52.86	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	5.11	84	162704	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.75	65	87013	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.77	84	297965	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.73	67	94561	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.93	98	235479	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.21	79	35259	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.68	63	141687	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88175	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	89428	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

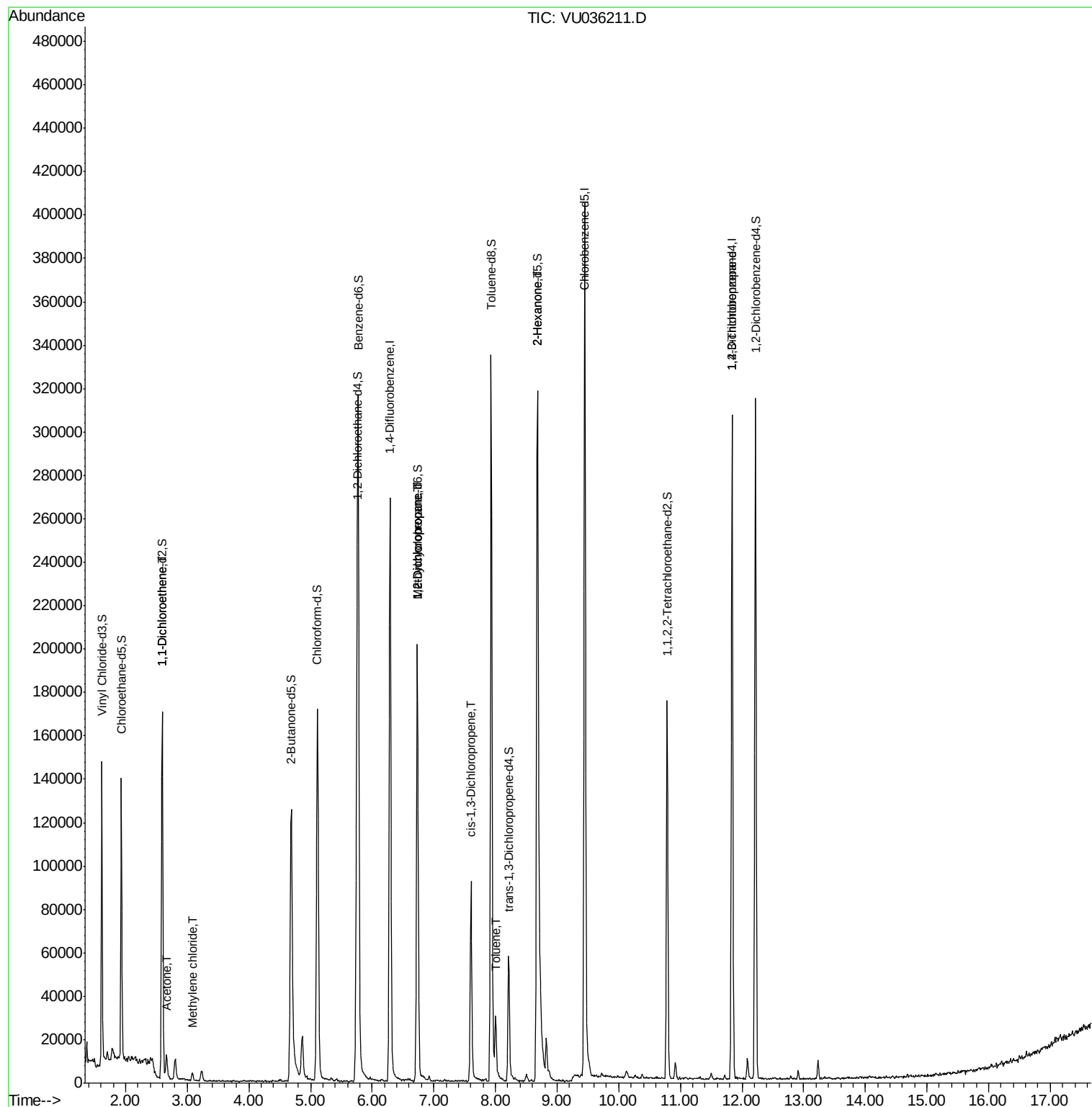
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1001	0.060	ug/L #	1
13) Acetone	2.66	43	11629	3.617	ug/L	97
16) Methylene chloride	3.08	84	1743	0.071	ug/L	89
35) Methylcyclohexane	6.74	83	23478	0.841	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10246	0.527	ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2009	0.076	ug/L #	65
42) Toluene	8.00	91	19900	0.244	ug/L	95
48) 2-Hexanone	8.68	43	16132	2.127	ug/L #	74
59) 1,2,3-Trichloropropane	11.84	75	10040	0.778	ug/L	96

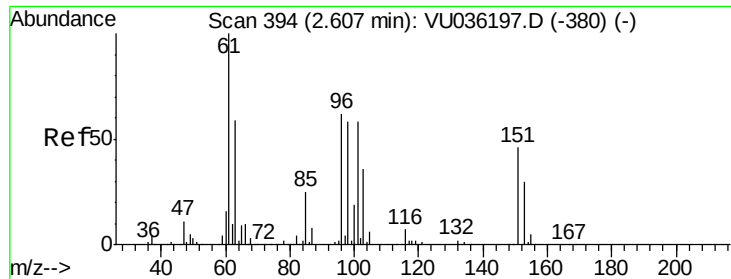
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU036211.D

Acq: 13 Dec 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

BFE54

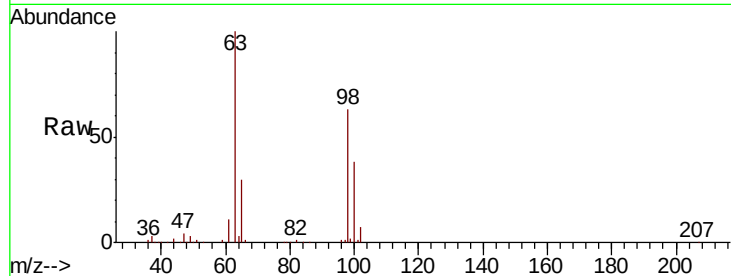
Tot Ion: 96 Resp: 1001

Ion Ratio Lower Upper

96 100

61 941.1 114.0 211.8#

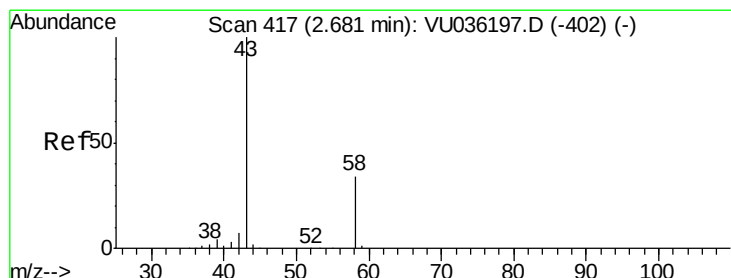
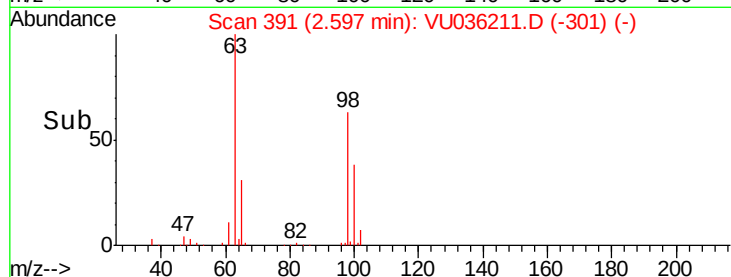
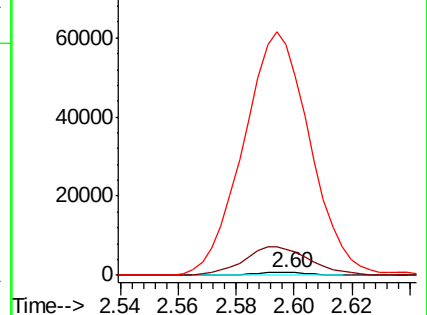
63 8222.8 63.6 118.0#



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: 3.617 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036211.D

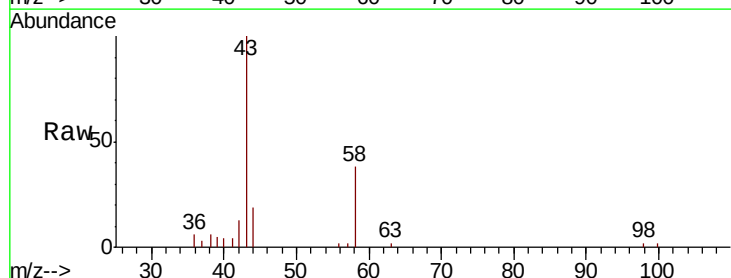
Acq: 13 Dec 2019 21:16

Tgt Ion: 43 Resp: 11629

Ion Ratio Lower Upper

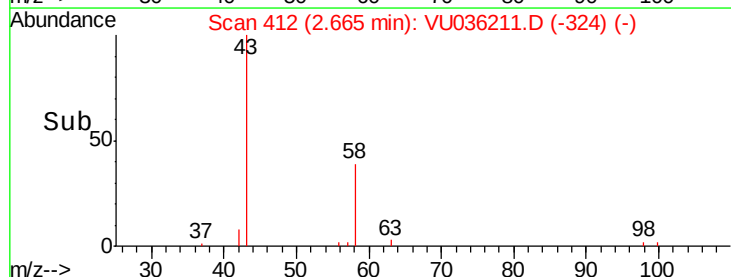
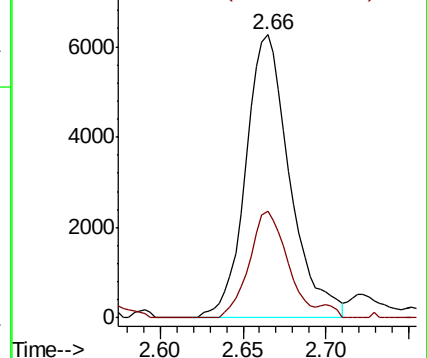
43 100

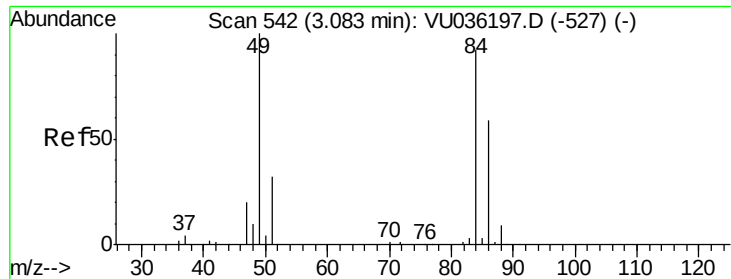
58 32.3 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

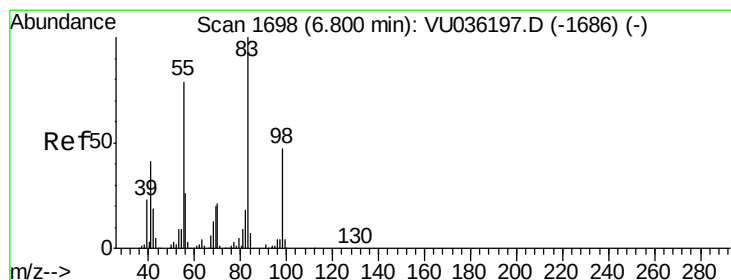
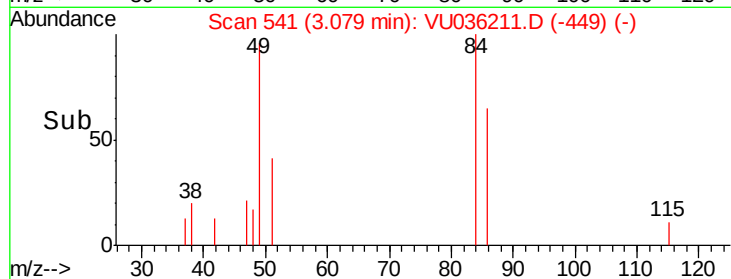
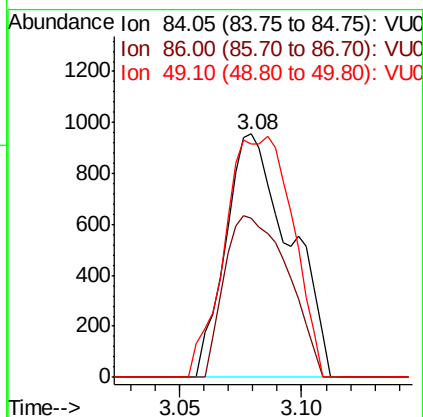
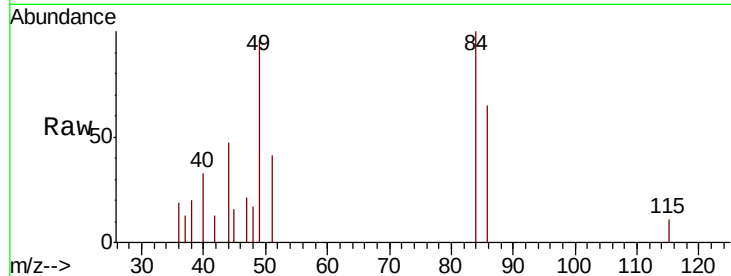




#16
Methvlene chloride
Concen: 0.071 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036211.D
Acq: 13 Dec 2019 21:16

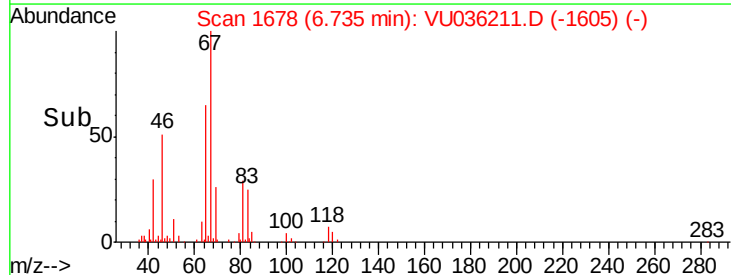
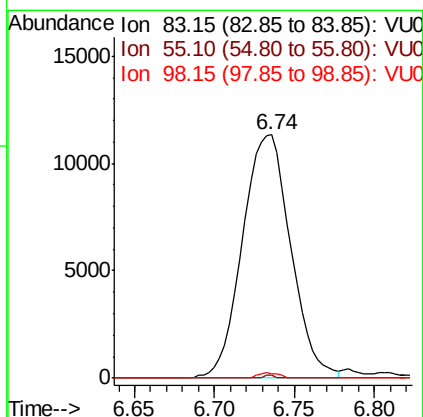
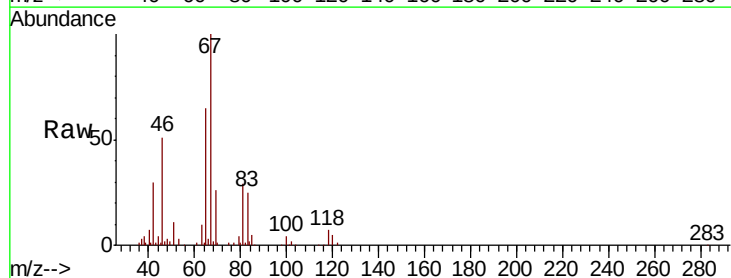
Instrument :
MSVOA_U
ClientSampleId :
BFE54

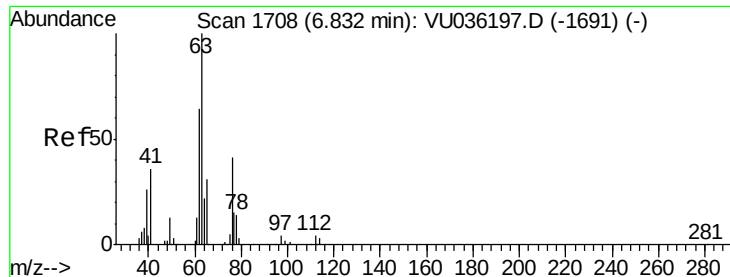
Tot Ion: 84 Resp: 1743
Ion Ratio Lower Upper
84 100
86 65.5 43.0 79.8
49 95.9 77.3 143.5



#35
Methylcyclohexane
Concen: 0.841 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU036211.D
Acq: 13 Dec 2019 21:16

Tgt Ion: 83 Resp: 23478
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 0.9 36.2 54.2#

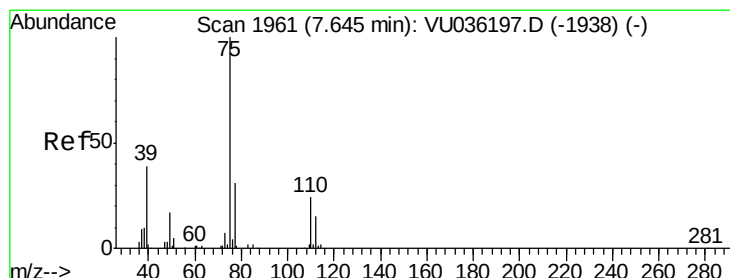
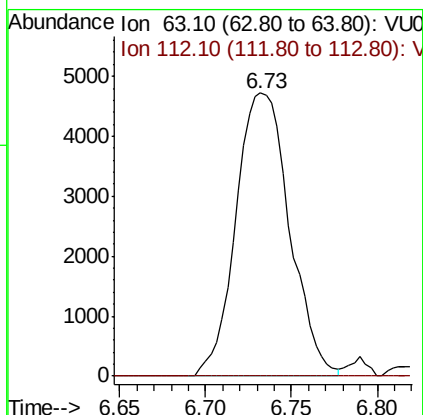
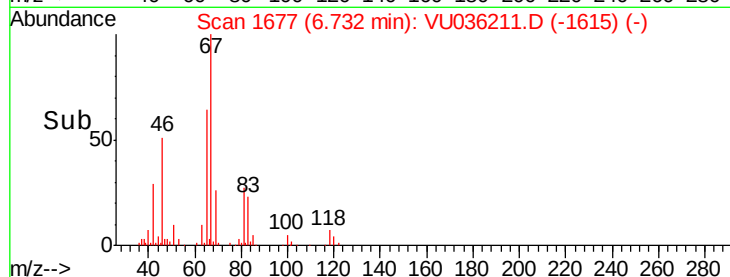
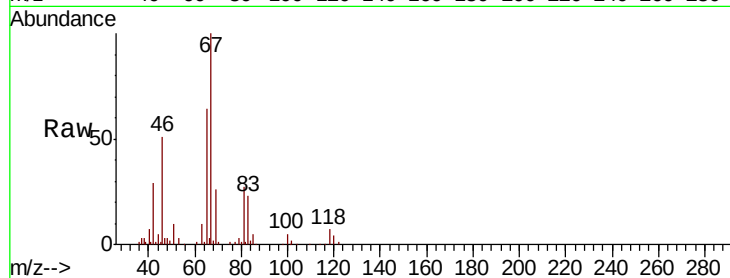




#37
 1,2-Dichloropropane
 Concen: 0.527 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036211.D
 Acq: 13 Dec 2019 21:16

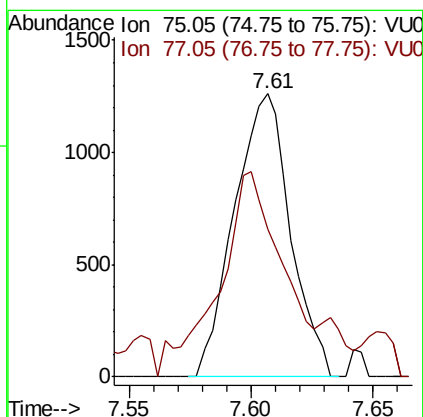
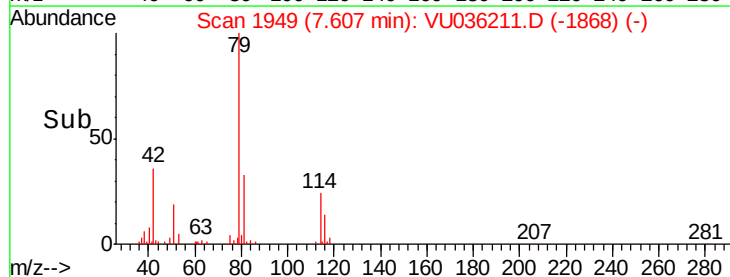
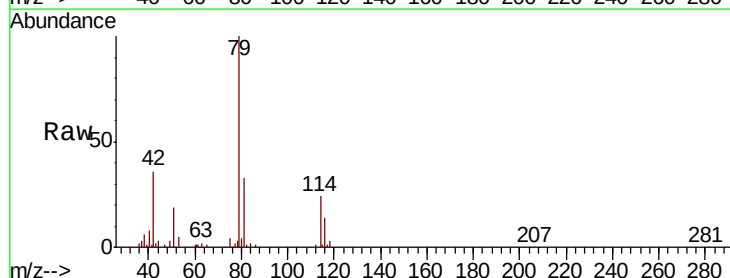
Instrument :
 MSVOA_U
 ClientSampled :
 BFE54

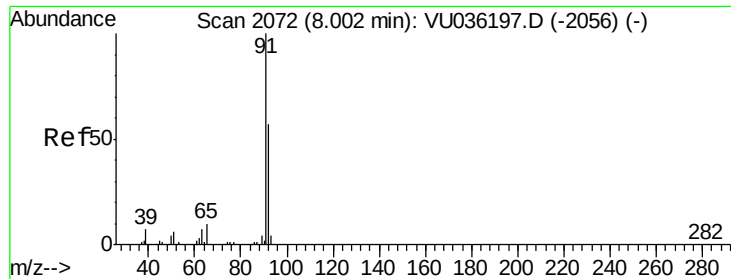
Tot Ion: 63 Resp: 10246
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU036211.D
 Acq: 13 Dec 2019 21:16

Tgt Ion: 75 Resp: 2009
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.7 42.1#





#42

Toluene

Concen: 0.244 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VU036211.D

Acq: 13 Dec 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

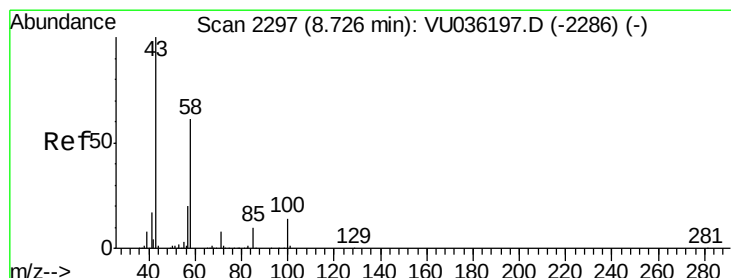
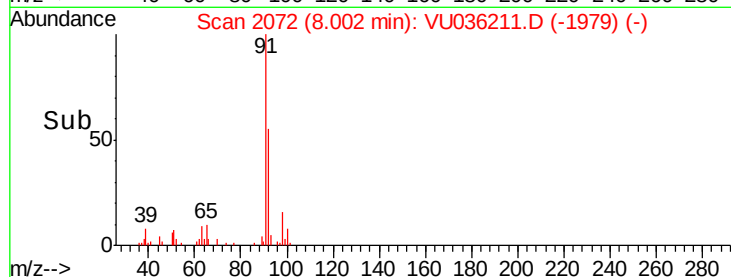
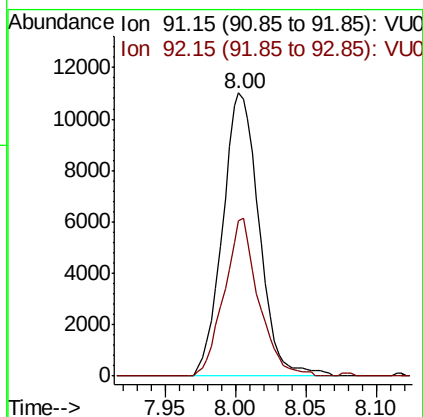
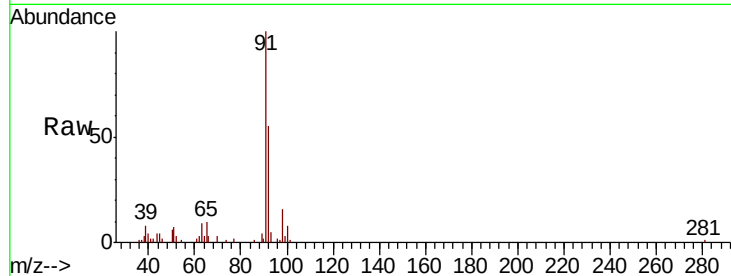
BFES4

Tot Ion: 91 Resp: 19900

Ion Ratio Lower Upper

91 100

92 54.8 41.2 76.6



#48

2-Hexanone

Concen: 2.127 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.05 min

Lab File: VU036211.D

Acq: 13 Dec 2019 21:16

Tgt Ion: 43 Resp: 16132

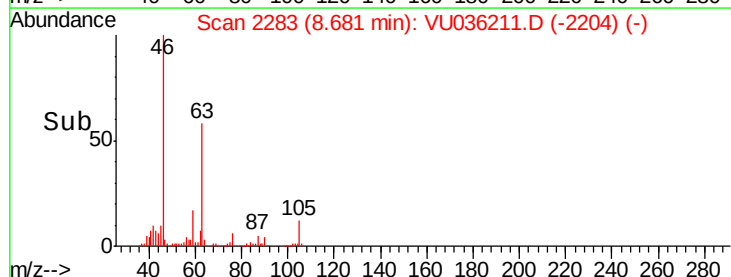
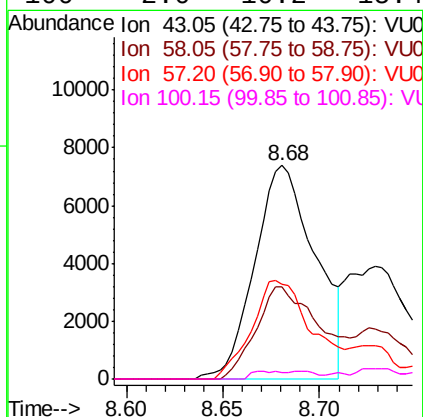
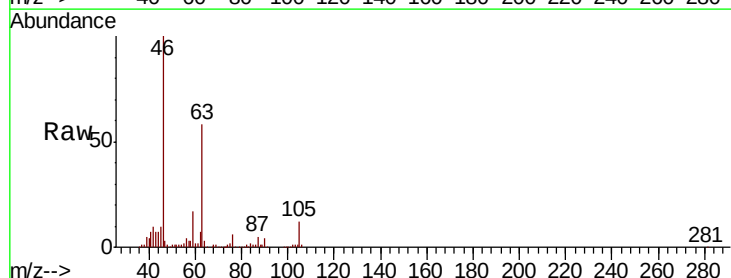
Ion Ratio Lower Upper

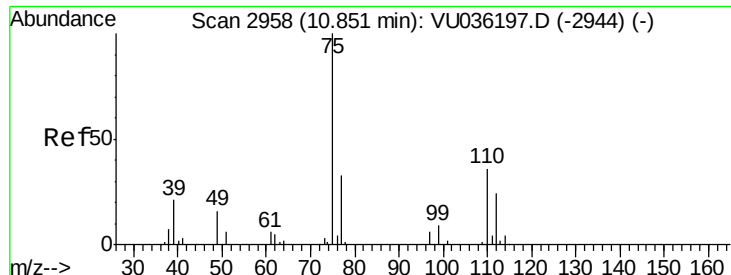
43 100

58 46.6 46.2 69.2

57 45.8 16.2 24.4#

100 2.0 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.778 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036211.D

Acq: 13 Dec 2019 21:16

Instrument :

MSVOA_U

ClientSampleId :

BF54

Tot Ion: 75 Resp: 10040

Ion Ratio Lower Upper

75 100

77 36.6 27.2 40.8

