

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036210.D
 Acq On : 13 Dec 2019 20:52
 Operator : JC/MD
 Sample : K6234-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE53

Quant Time: Dec 14 01:22:51 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	232932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	262119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	92063	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	93360	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	89833	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.59	63	98201	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.68	46	191155	49.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.48%
24) Chloroform-d	5.11	84	128996	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
26) 1,2-Dichloroethane-d4	5.75	65	86570	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.77	84	295310	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	96575	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.93	98	236819	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	8.21	79	35901	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.68	63	146551	44.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.74%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	88590	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	91022	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

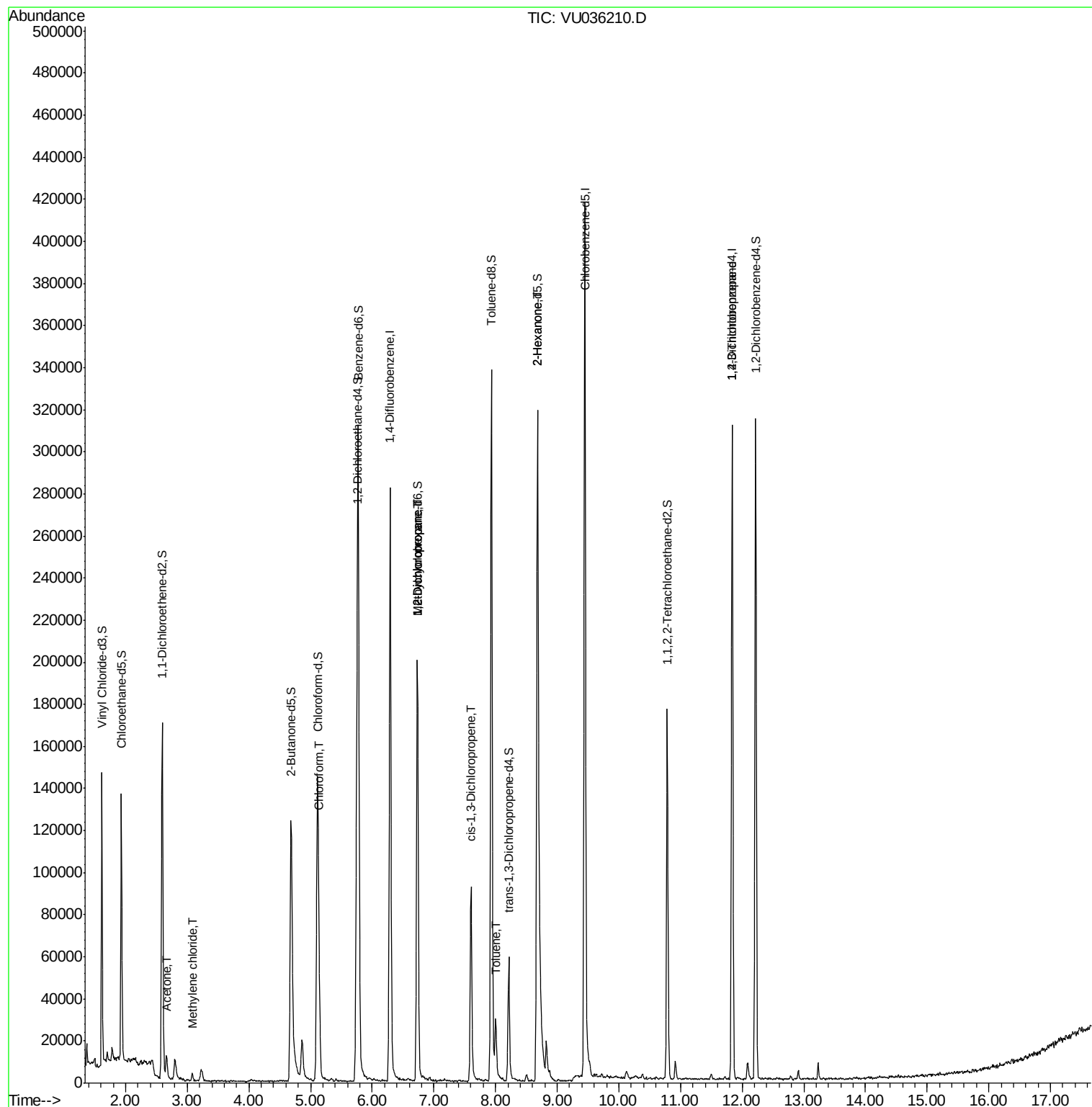
					Ovalue
13) Acetone	2.66	43	11966	3.573 ug/L	98
16) Methylene chloride	3.09	84	1661	0.065 ug/L	85
25) Chloroform	5.14	83	33704	0.933 ug/L	98
35) Methylcyclohexane	6.73	83	23592	0.799 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10100	0.491 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2777	0.099 ug/L #	67
42) Toluene	8.01	91	20555	0.238 ug/L	93
48) 2-Hexanone	8.68	43	16741	2.087 ug/L #	70
59) 1,2,3-Trichloropropane	11.84	75	9596	0.703 ug/L	89

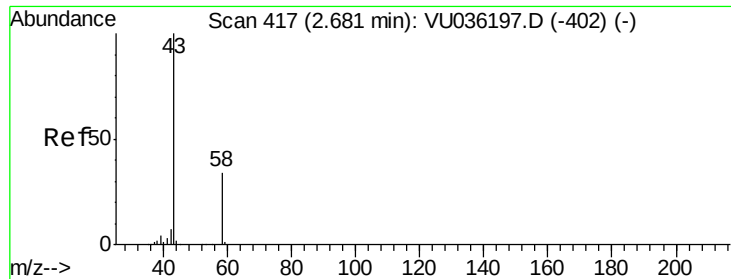
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.573 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036210.D

Acq: 13 Dec 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

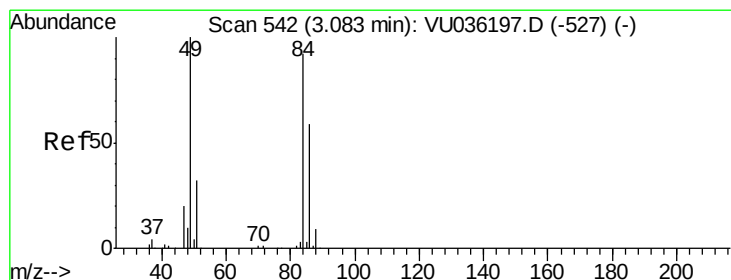
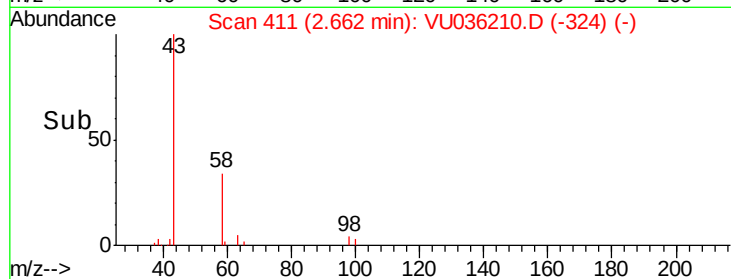
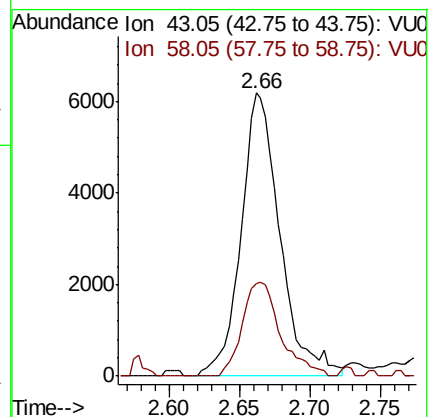
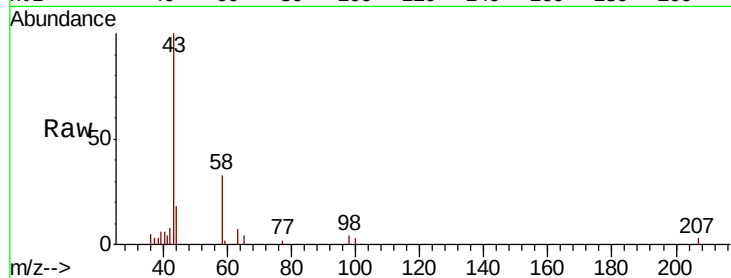
BF53

Tot Ion: 43 Resp: 11966

Ion Ratio Lower Upper

43 100

58 32.6 0.0 67.6



#16

Methylene chloride

Concen: 0.065 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU036210.D

Acq: 13 Dec 2019 20:52

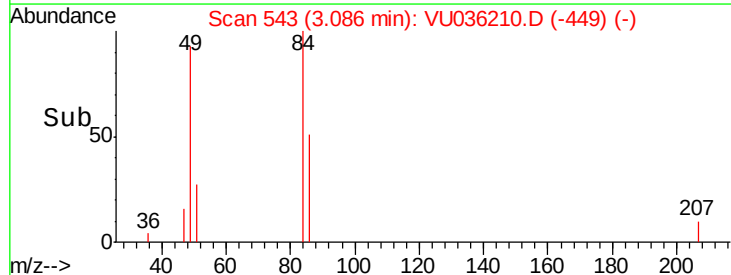
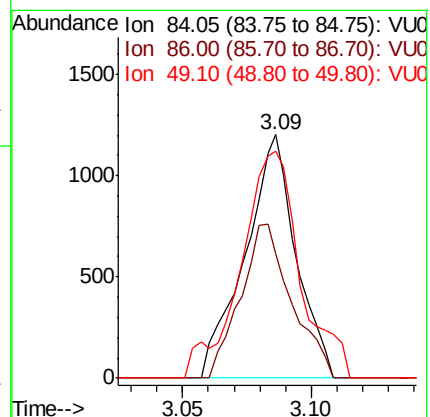
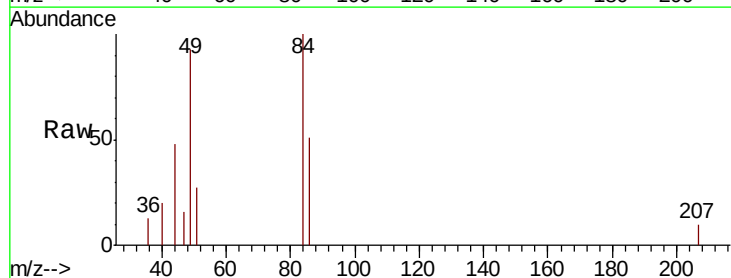
Tgt Ion: 84 Resp: 1661

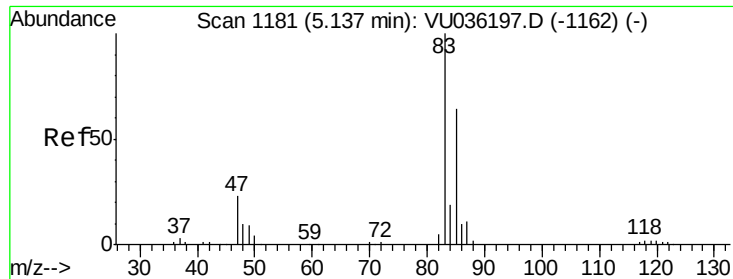
Ion Ratio Lower Upper

84 100

86 51.4 43.0 79.8

49 93.4 77.3 143.5

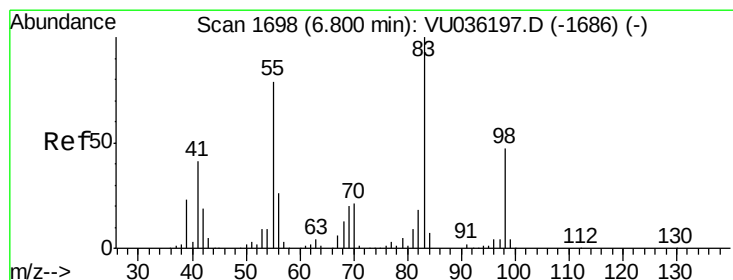
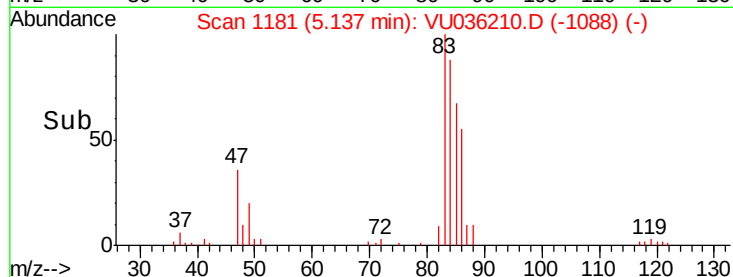
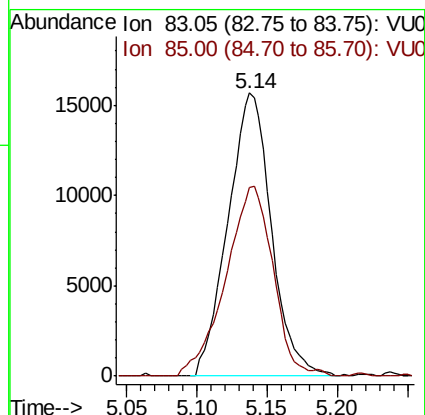
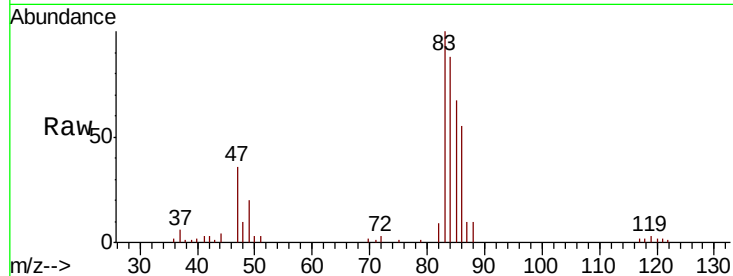




#25
Chloroform
Concen: 0.933 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036210.D
Acq: 13 Dec 2019 20:52

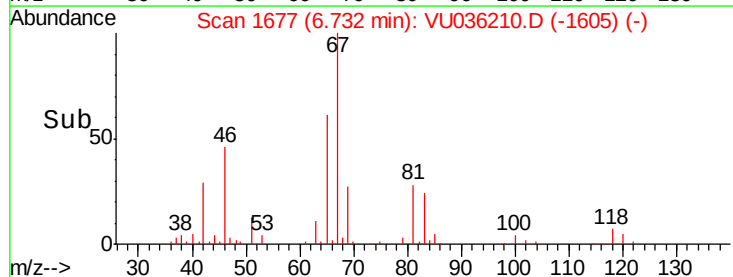
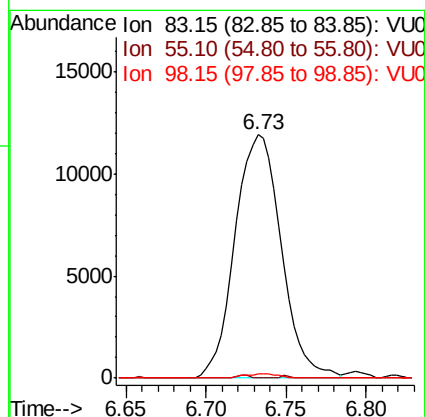
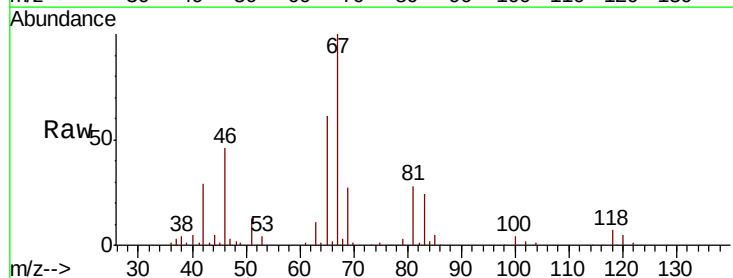
Instrument :
MSVOA_U
ClientSampleId :
BFE53

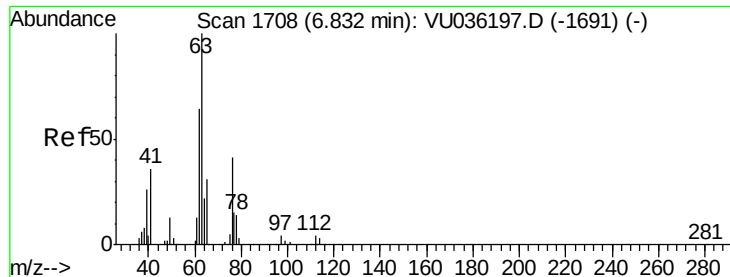
Tot Ion: 83 Resp: 33704
Ion Ratio Lower Upper
83 100
85 66.6 47.5 88.1



#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036210.D
Acq: 13 Dec 2019 20:52

Tgt Ion: 83 Resp: 23592
Ion Ratio Lower Upper
83 100
55 0.3 62.6 94.0#
98 1.3 36.2 54.2#

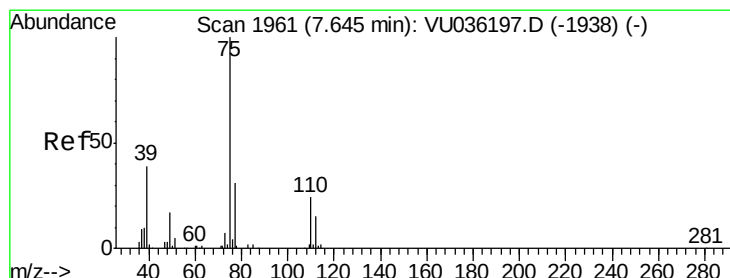
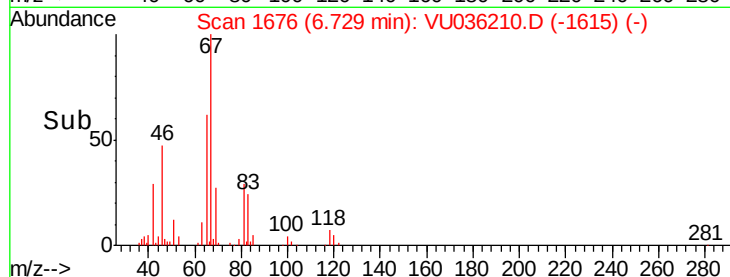
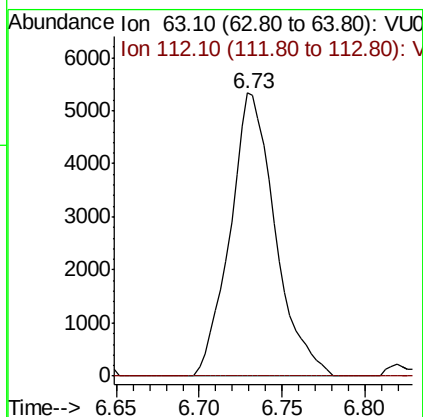
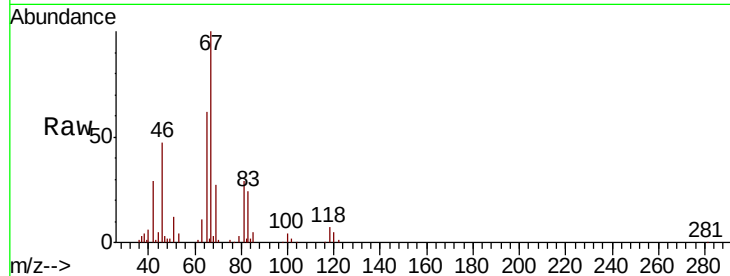




#37
 1,2-Dichloropropane
 Concen: 0.491 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036210.D
 Acq: 13 Dec 2019 20:52

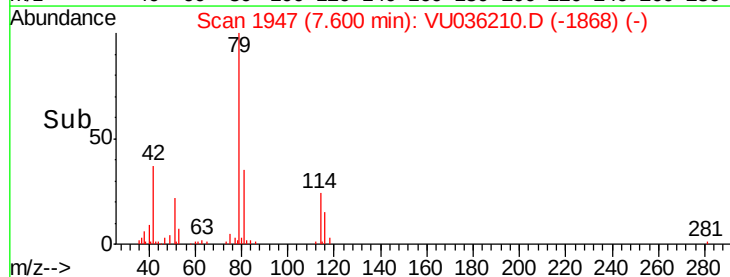
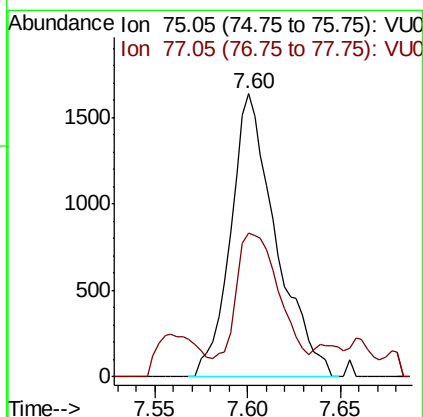
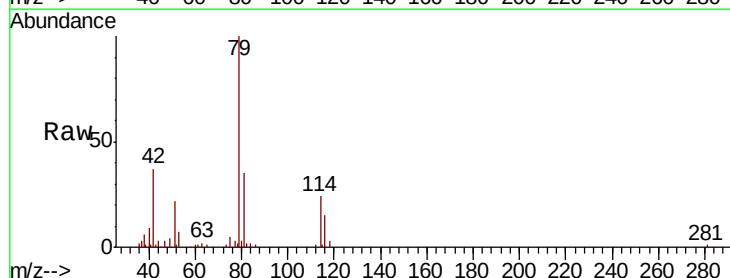
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE53

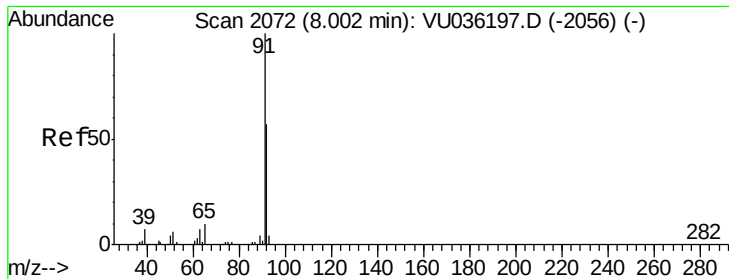
Tot Ion: 63 Resp: 10100
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.099 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036210.D
 Acq: 13 Dec 2019 20:52

Tgt Ion: 75 Resp: 2777
 Ion Ratio Lower Upper
 75 100
 77 51.0 22.7 42.1#





#42

Toluene

Concen: 0.238 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU036210.D

Acq: 13 Dec 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

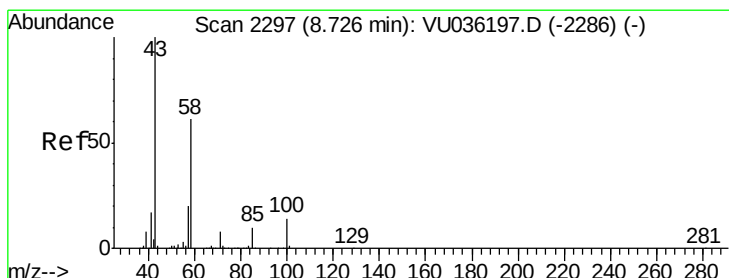
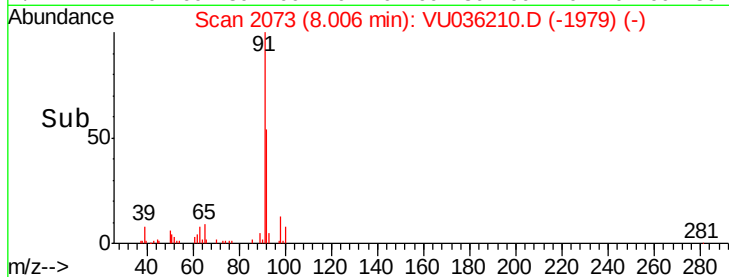
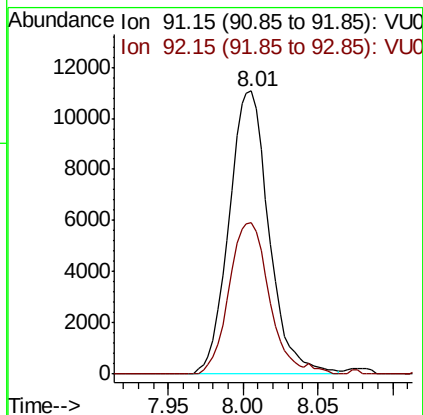
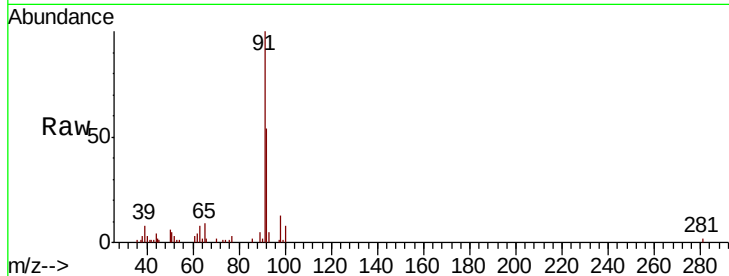
BF53

Tot Ion: 91 Resp: 20555

Ion Ratio Lower Upper

91 100

92 53.7 41.2 76.6



#48

2-Hexanone

Concen: 2.087 ug/L

RT: 8.68 min Scan# 2283

Delta R.T. -0.04 min

Lab File: VU036210.D

Acq: 13 Dec 2019 20:52

Tgt Ion: 43 Resp: 16741

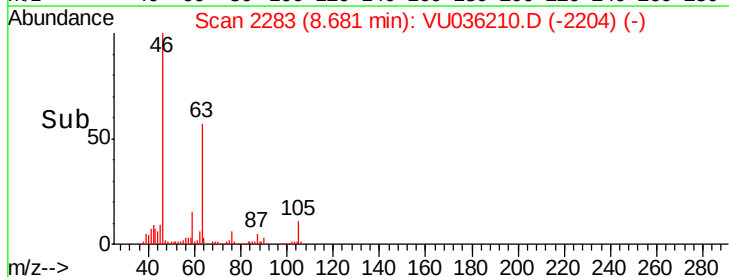
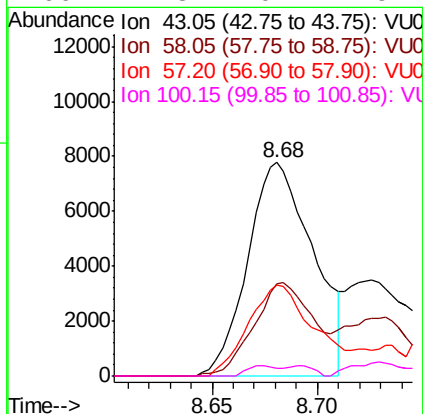
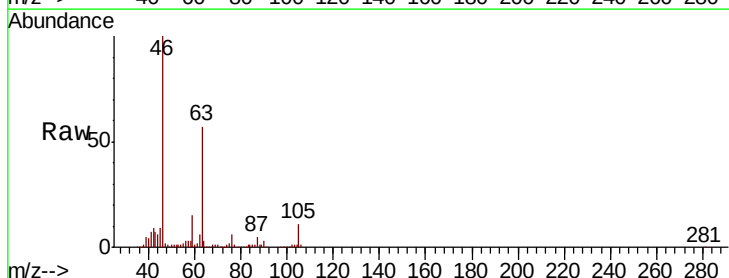
Ion Ratio Lower Upper

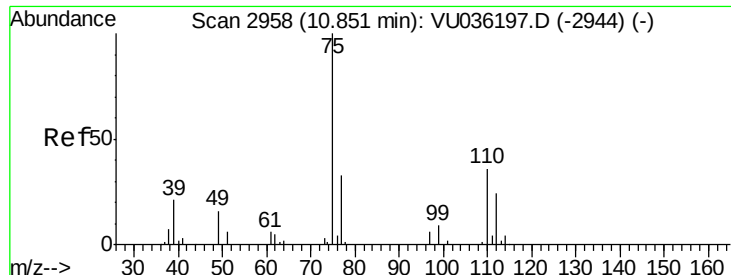
43 100

58 40.1 46.2 69.2#

57 43.5 16.2 24.4#

100 1.8 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.703 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036210.D

Acq: 13 Dec 2019 20:52

Instrument :

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ClientSampleId :

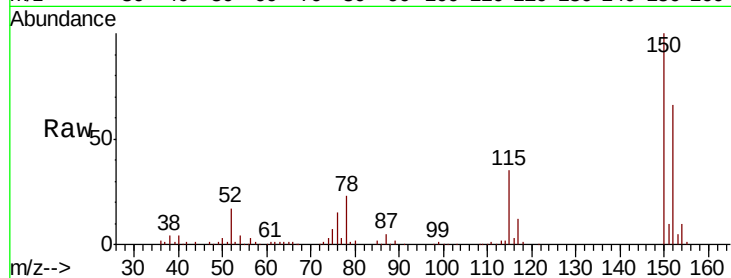
BF53

Tot Ion: 75 Resp: 9596

Ion Ratio Lower Upper

75 100

77 40.4 27.2 40.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

