

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036215.D
 Acq On : 13 Dec 2019 22:54
 Operator : JC/MD
 Sample : K6240-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFQS2

Quant Time: Dec 14 01:23:26 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	210597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	237047	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	82071	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	92312	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.93	69	86571	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.59	63	98079	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	4.68	46	215132	61.92	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.84%
24) Chloroform-d	5.11	84	141554	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.75	65	89572	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.77	84	288826	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	95969	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	241406	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.21	79	34387	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.68	63	163779	55.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95245	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	85457	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

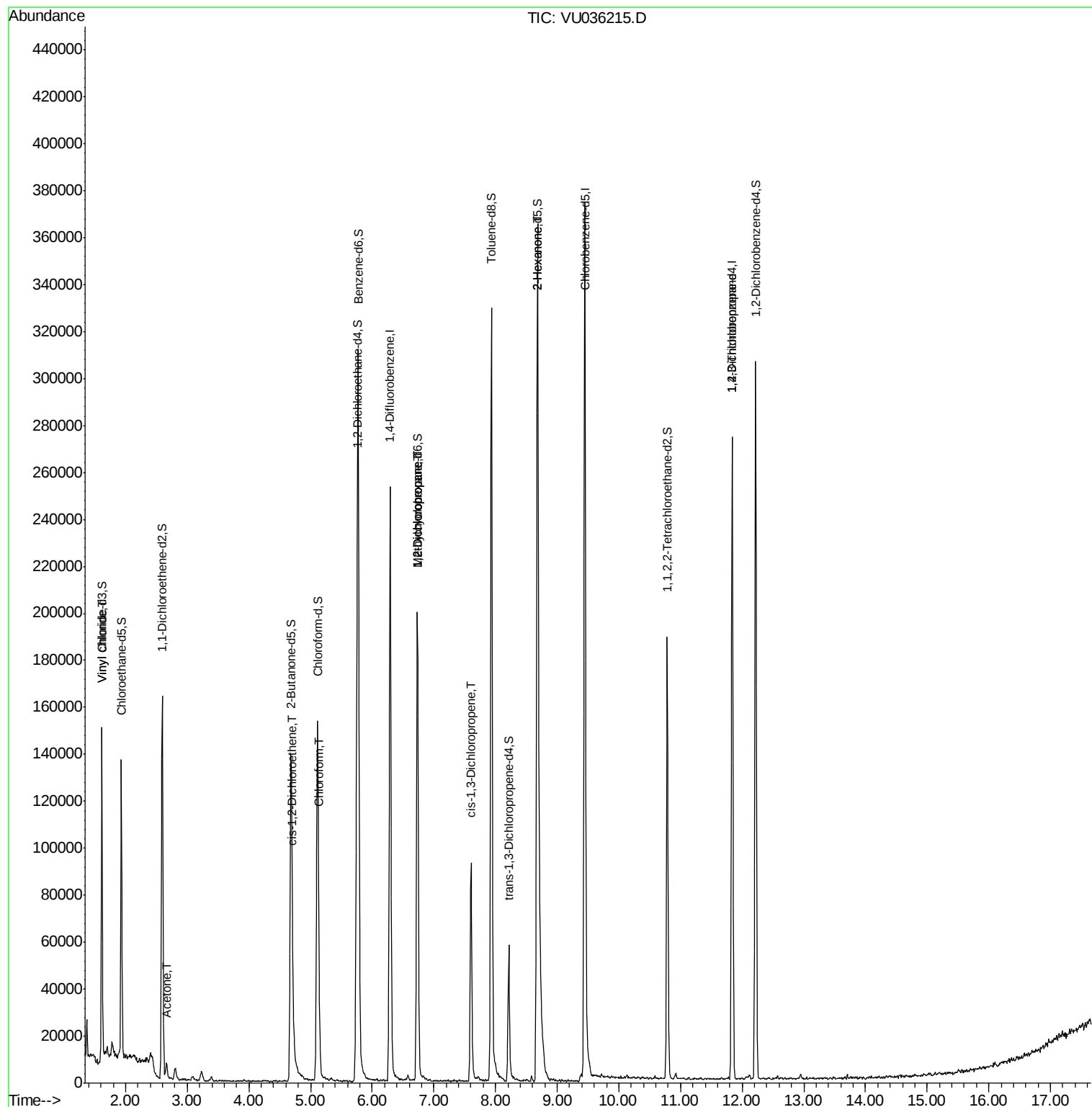
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	3535	0.126	ug/L #	54
13) Acetone	2.66	43	6657	2.199	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	2360	0.134	ug/L	94
25) Chloroform	5.14	83	17428	0.533	ug/L	96
35) Methylcyclohexane	6.73	83	22295	0.835	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10395	0.559	ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2563	0.101	ug/L #	40
48) 2-Hexanone	8.68	43	19333	2.665	ug/L #	71
59) 1,2,3-Trichloropropane	11.84	75	9010	0.729	ug/L	95

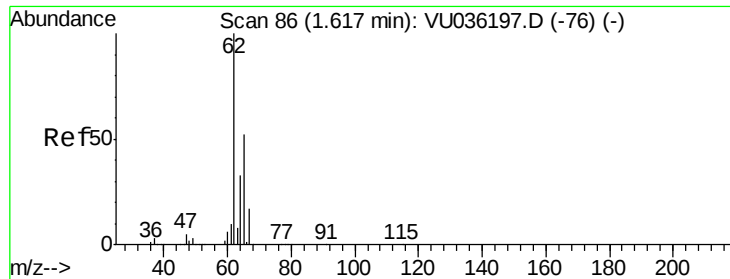
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 0.126 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU036215.D

Acq: 13 Dec 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

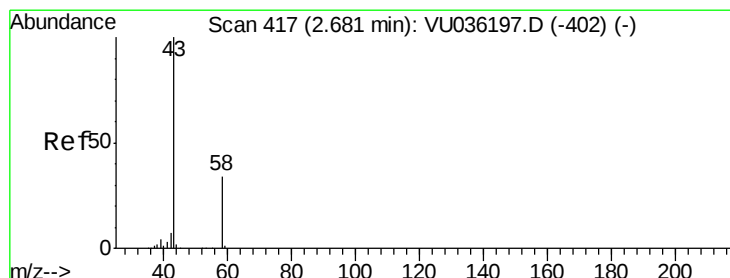
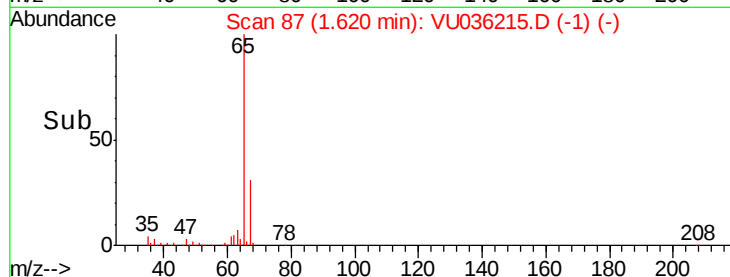
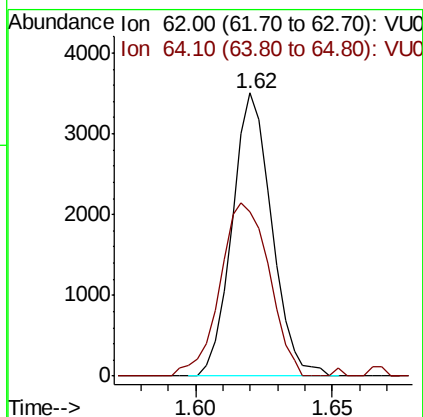
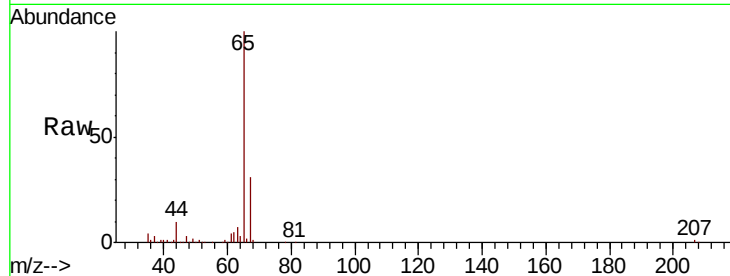
BFQS2

Tot Ion: 62 Resp: 3535

Ion Ratio Lower Upper

62 100

64 57.9 22.4 41.6#



#13

Acetone

Concen: 2.199 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036215.D

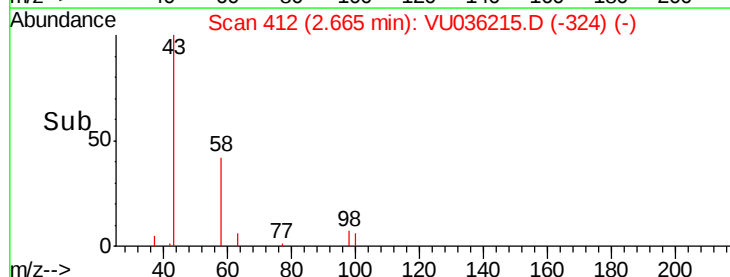
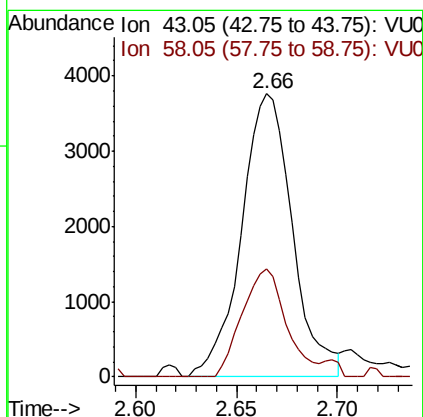
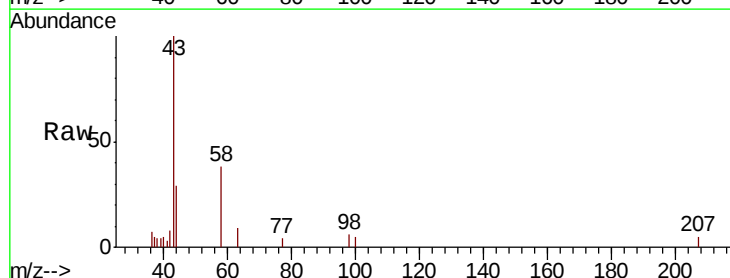
Acq: 13 Dec 2019 22:54

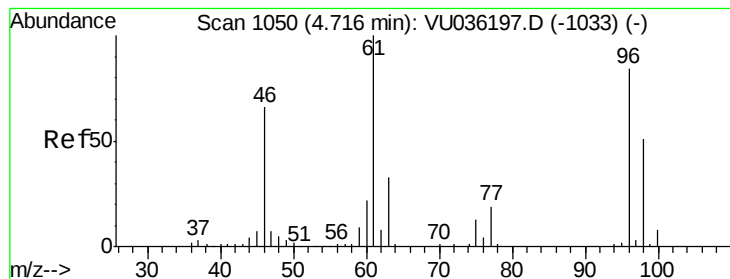
Tgt Ion: 43 Resp: 6657

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.6





#22

cis-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 4.71 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VU036215.D

Acq: 13 Dec 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

BFQS2

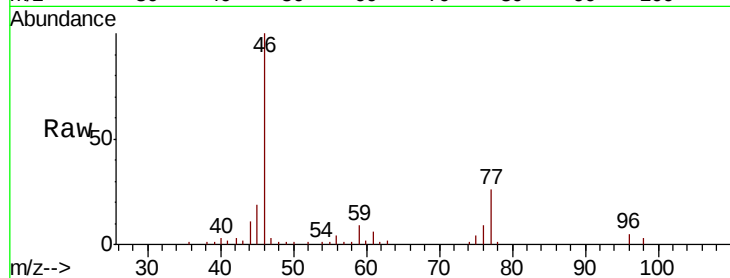
Tot Ion: 96 Resp: 2360

Ion Ratio Lower Upper

96 100

61 130.2 86.7 161.1

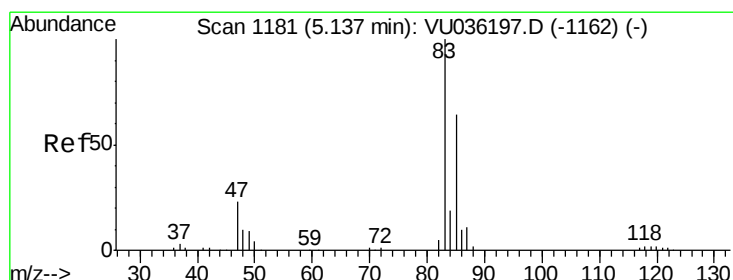
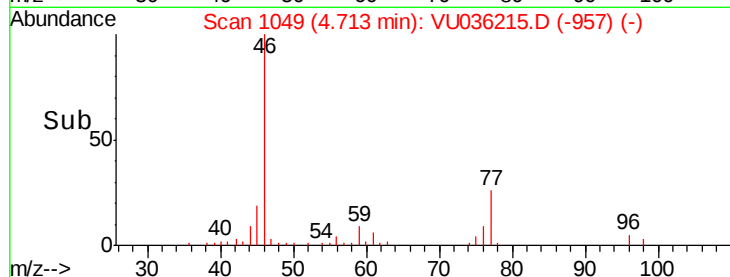
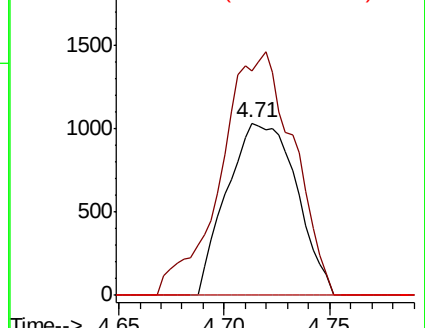
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036197.D (-1033) (-)

Ion 61.05 (60.75 to 61.75): VU036197.D (-1033) (-)

Ion 68.15 (67.85 to 68.85): VU036197.D (-1033) (-)



#25

Chloroform

Concen: 0.533 ug/L

RT: 5.14 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VU036215.D

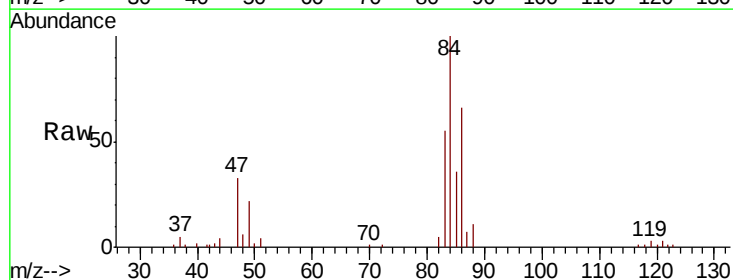
Acq: 13 Dec 2019 22:54

Tgt Ion: 83 Resp: 17428

Ion Ratio Lower Upper

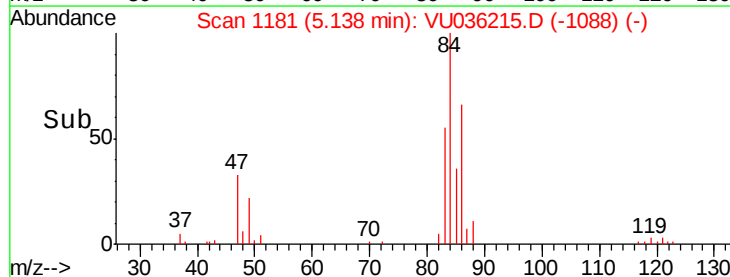
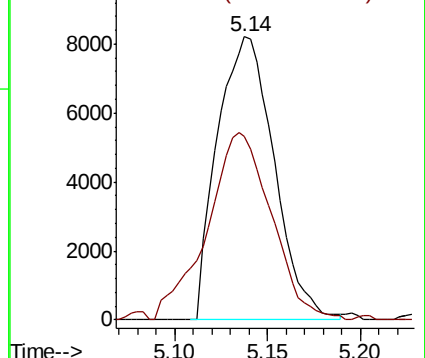
83 100

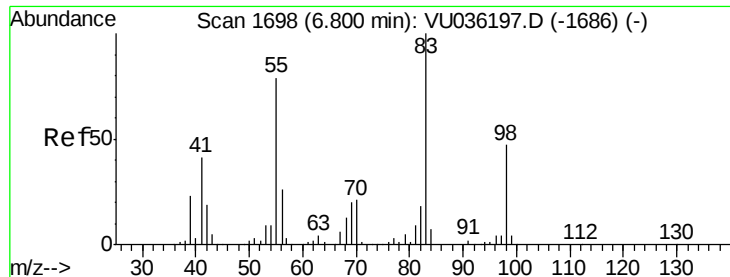
85 64.7 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036197.D (-1162) (-)

Ion 85.00 (84.70 to 85.70): VU036197.D (-1162) (-)

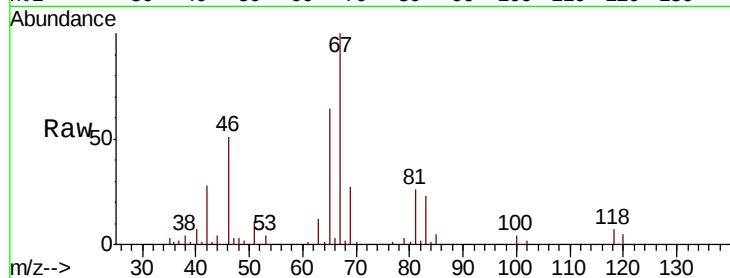




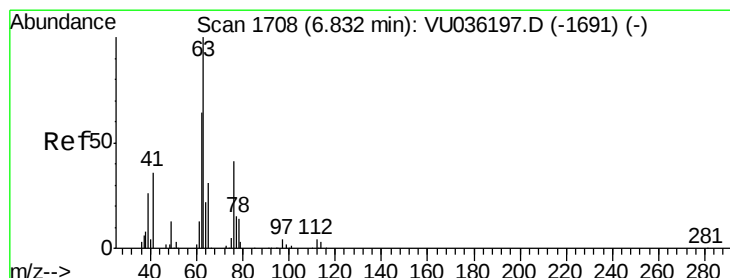
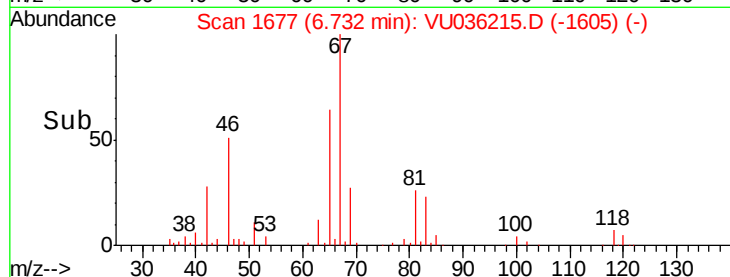
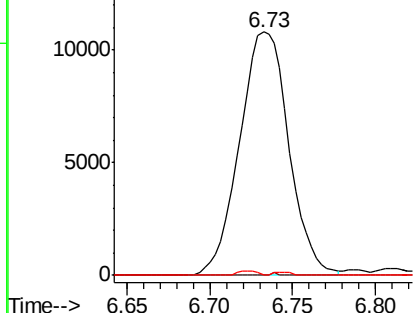
#35
Methvlcvclohexane
Concen: 0.835 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036215.D
Acq: 13 Dec 2019 22:54

Instrument :
MSVOA_U
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BFQS2

Tot Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.6	94.0#
98	0.4	36.2	54.2#

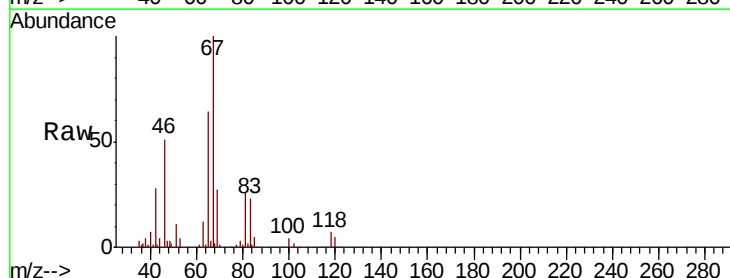


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

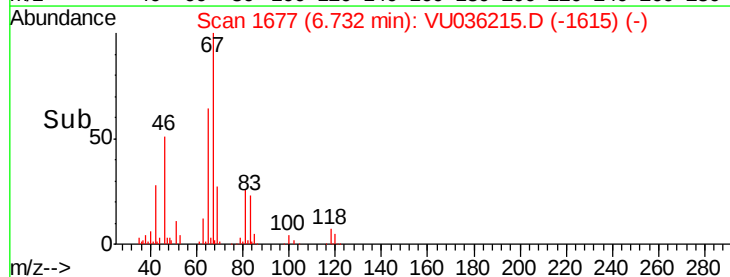
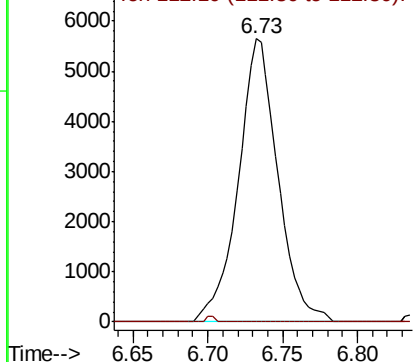


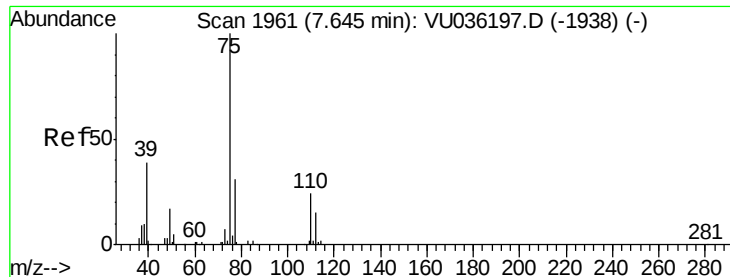
#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036215.D
Acq: 13 Dec 2019 22:54

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.8	5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



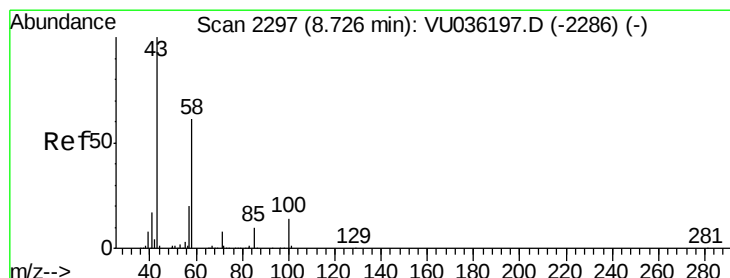
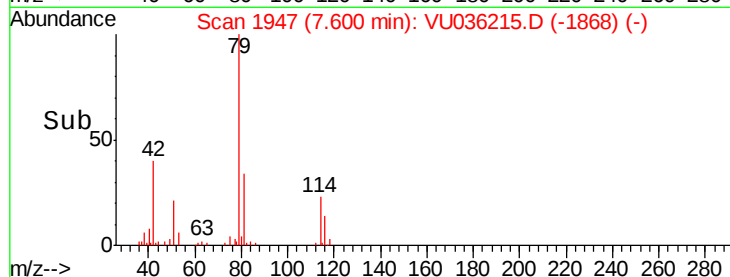
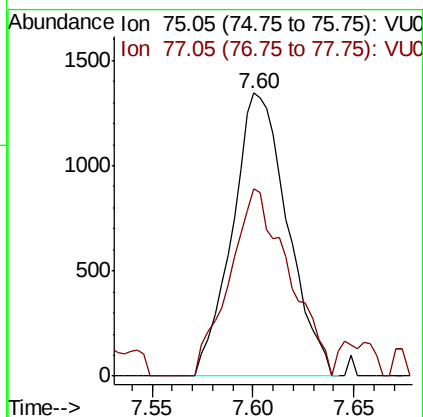
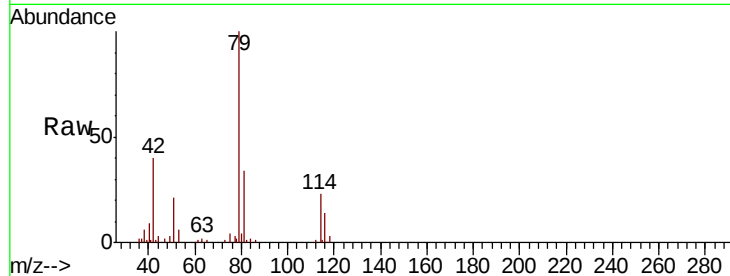


#39

cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036215.D
Acq: 13 Dec 2019 22:54

Instrument :
MSVOA_U
ClientSampleId :
BFQS2

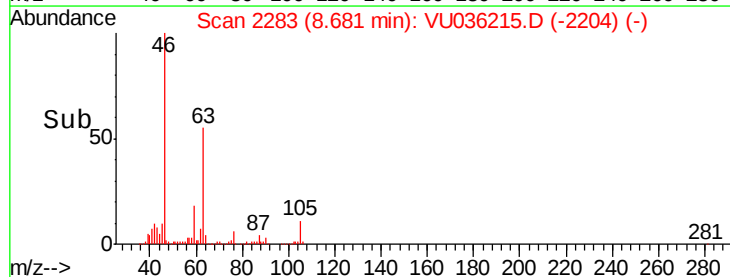
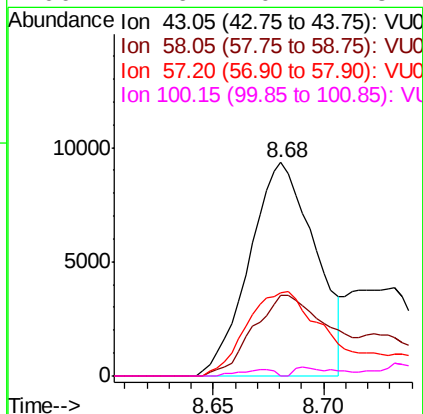
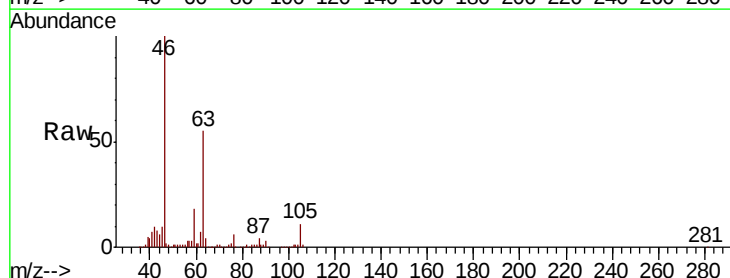
Tot Ion: 75 Resp: 2563
Ion Ratio Lower Upper
75 100
77 66.0 22.7 42.1#

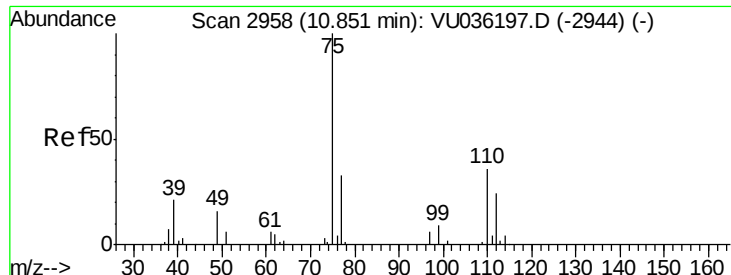


#48

2-Hexanone
Concen: 2.665 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036215.D
Acq: 13 Dec 2019 22:54

Tgt Ion: 43 Resp: 19333
Ion Ratio Lower Upper
43 100
58 44.9 46.2 69.2#
57 49.6 16.2 24.4#
100 2.6 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.729 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036215.D

Acq: 13 Dec 2019 22:54

Instrument :

MSVOA_U

ClientSampleId :

BFQS2

Tot Ion: 75 Resp: 9010

Ion Ratio Lower Upper

75 100

77 36.6 27.2 40.8

