

Data File : VU036139.D
Acq On : 11 Dec 2019 18:07
Operator : JC/MD
Sample : K6234-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE61

Quant Time: Dec 12 06:16:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303887	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	331317	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	87583	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120543	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	124365	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	135117	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.68	46	273535	59.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.52%
24) Chloroform-d	5.11	84	207055	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	110345	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.77	84	387727	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.73	67	129920	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	310754	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	8.21	79	45535	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.67	63	197747	51.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	115092	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	84300	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

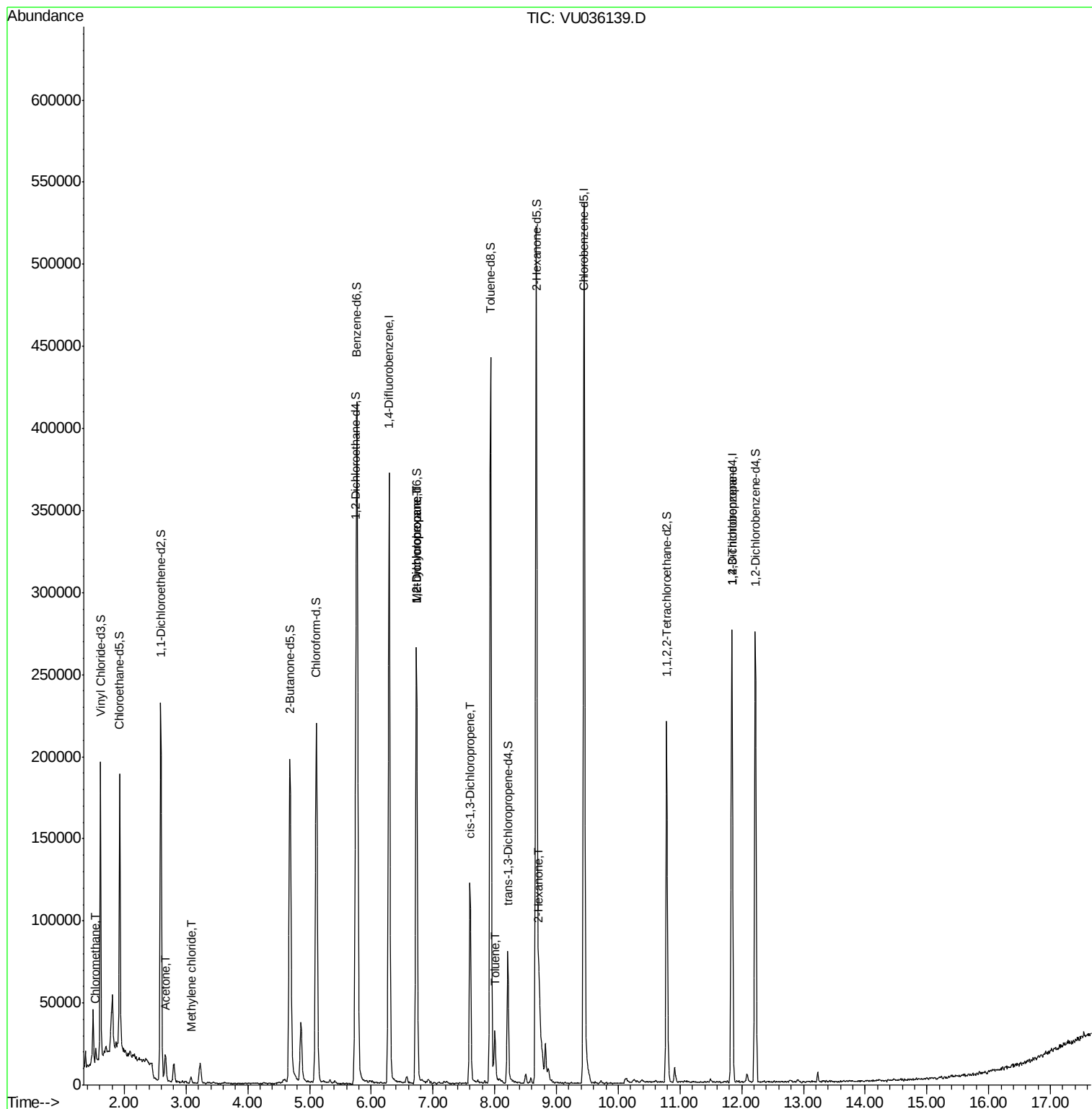
						Qvalue
3) Chloromethane	1.54	50	6832	0.234	ug/L	97
13) Acetone	2.66	43	15944	2.721	ug/L	92
16) Methylene chloride	3.08	84	1881	0.061	ug/L	90
35) Methylcyclohexane	6.73	83	31134	0.965	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	13299	0.585	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3181	0.103	ug/L #	63
42) Toluene	8.00	91	19696	0.203	ug/L	99
48) 2-Hexanone	8.72	43	10146	1.192	ug/L #	69
59) 1,2,3-Trichloropropane	11.84	75	10071	0.620	ug/L	89

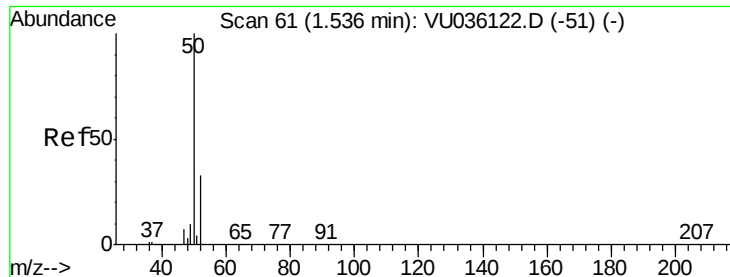
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.234 ug/L

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU036139.D

Acq: 11 Dec 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

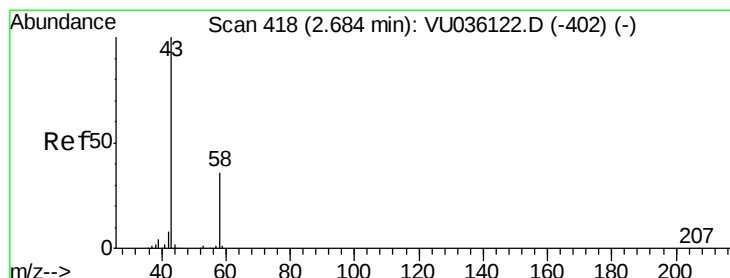
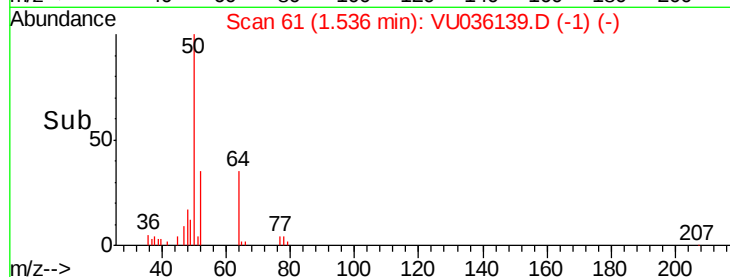
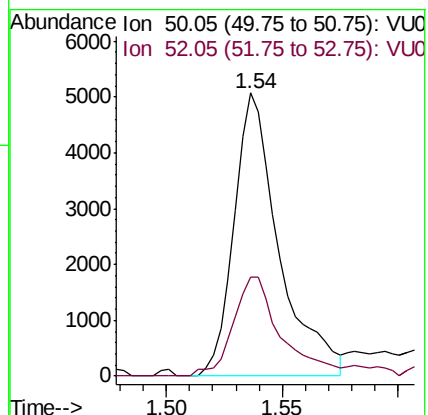
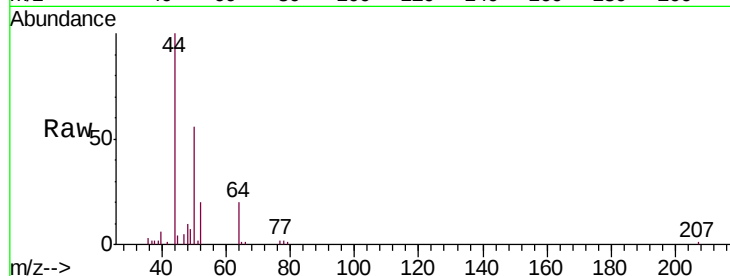
BFE61

Tgt Ion: 50 Resp: 6832

Ion Ratio Lower Upper

50 100

52 35.2 23.6 43.8



#13

Acetone

Concen: 2.721 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.02 min

Lab File: VU036139.D

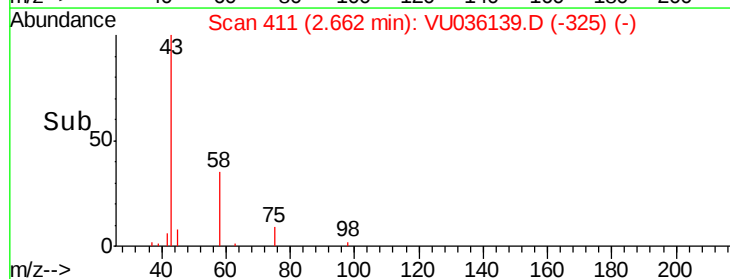
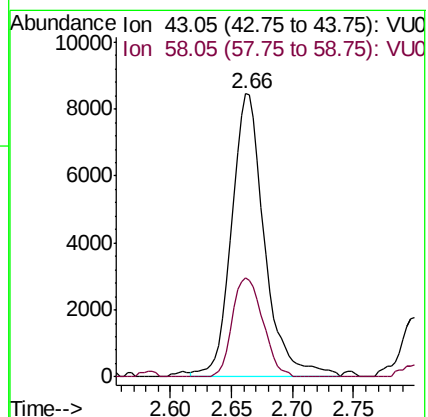
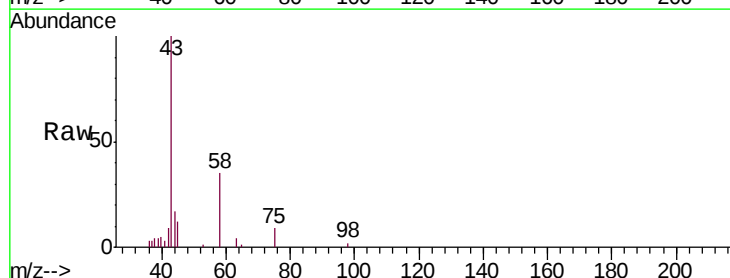
Acq: 11 Dec 2019 18:07

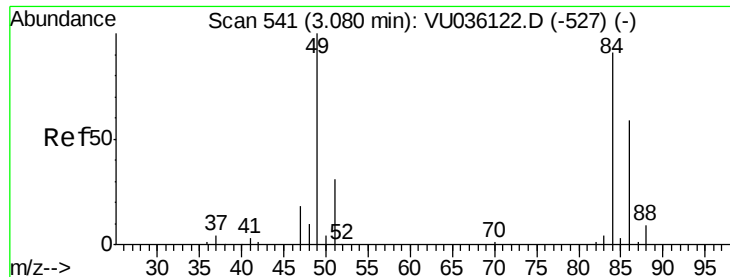
Tgt Ion: 43 Resp: 15944

Ion Ratio Lower Upper

43 100

58 32.3 0.0 74.2

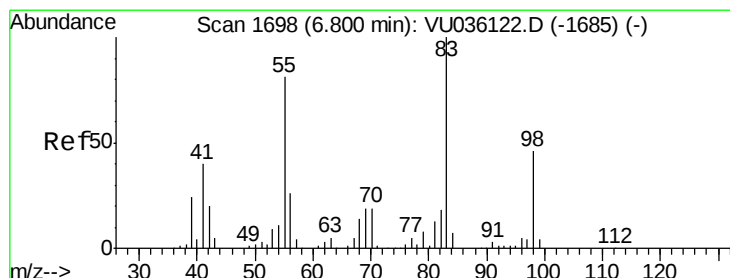
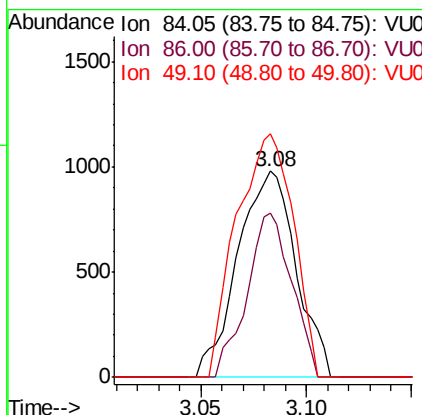
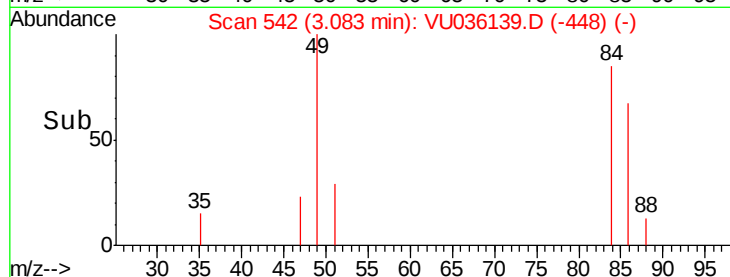
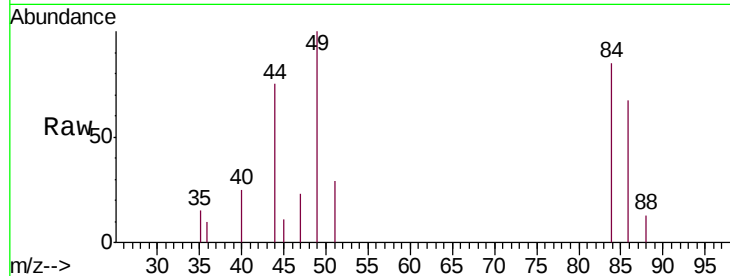




#16
Methylene chloride
Concen: 0.061 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU036139.D
Acq: 11 Dec 2019 18:07

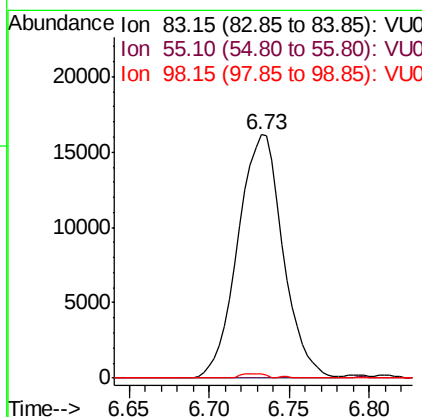
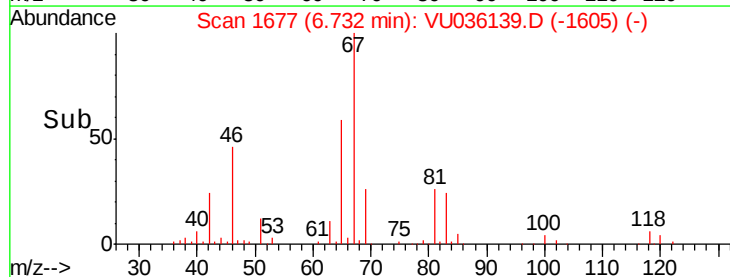
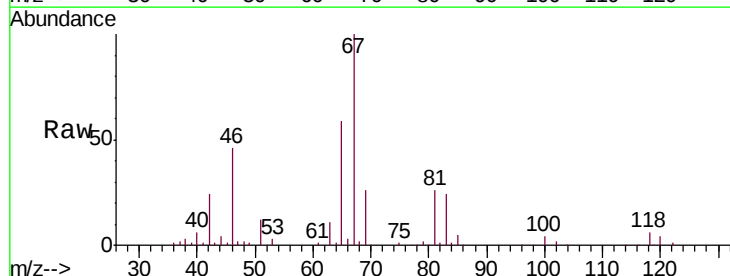
Instrument :
MSVOA_U
ClientSampleId :
BFE61

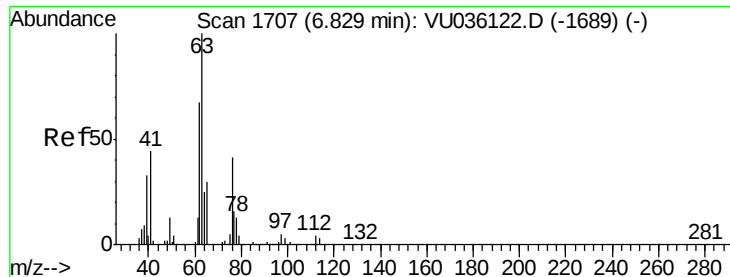
Tgt Ion: 84 Resp: 1881
Ion Ratio Lower Upper
84 100
86 79.6 47.5 88.3
49 118.2 76.9 142.9



#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036139.D
Acq: 11 Dec 2019 18:07

Tgt Ion: 83 Resp: 31134
Ion Ratio Lower Upper
83 100
55 0.0 62.1 93.1#
98 1.0 37.0 55.4#

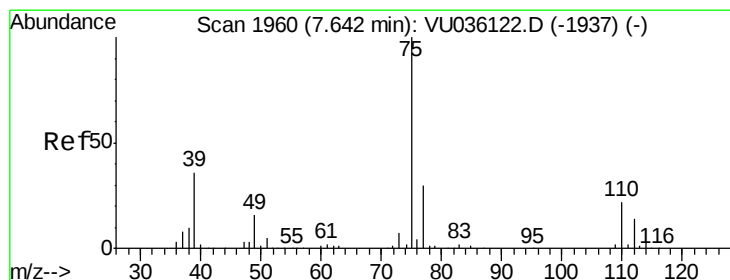
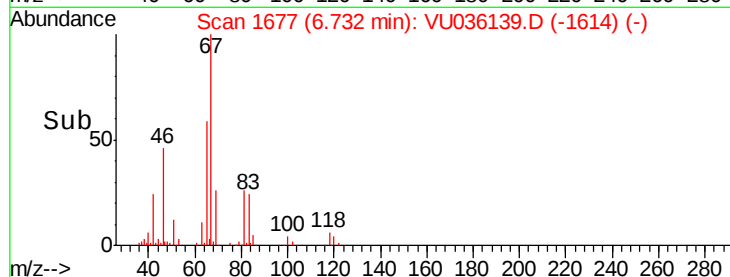
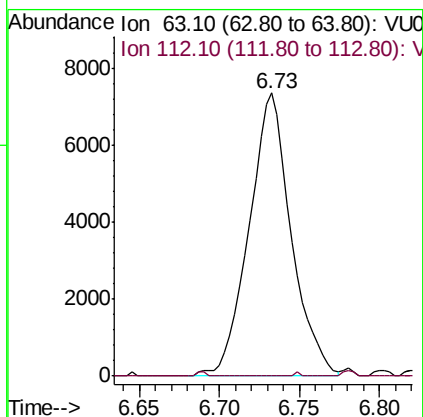
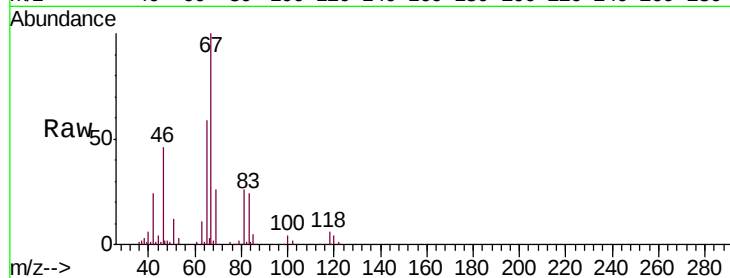




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036139.D
 Acq: 11 Dec 2019 18:07

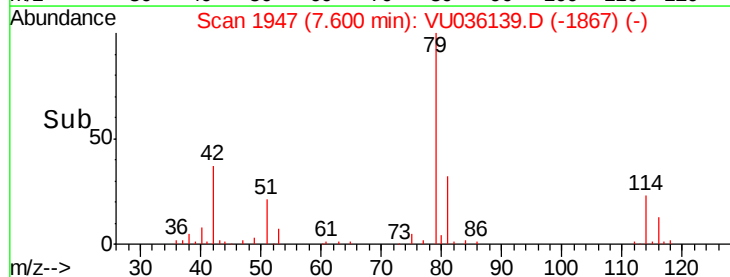
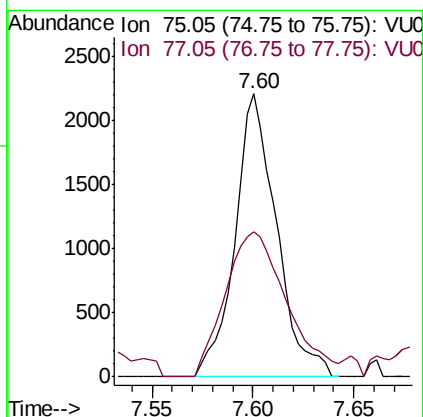
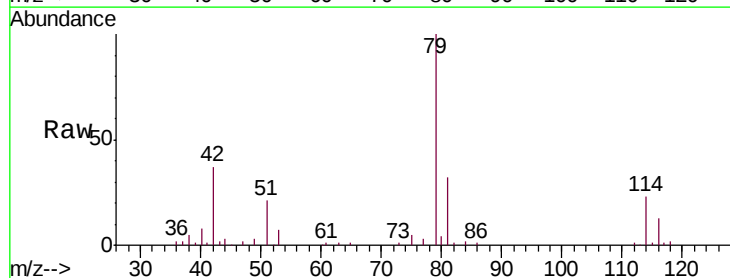
Instrument :
 MSVOA_U
 ClientSampleId :
 BFE61

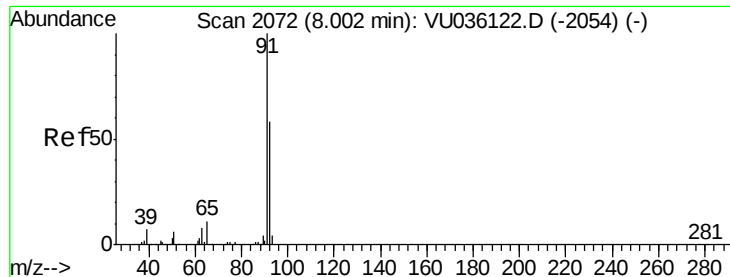
Tgt Ion: 63 Resp: 13299
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036139.D
 Acq: 11 Dec 2019 18:07

Tgt Ion: 75 Resp: 3181
 Ion Ratio Lower Upper
 75 100
 77 51.3 21.7 40.3#





#42

Toluene

Concen: 0.203 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036139.D

Acq: 11 Dec 2019 18:07

Instrument :

MSVOA_U

ClientSampleId :

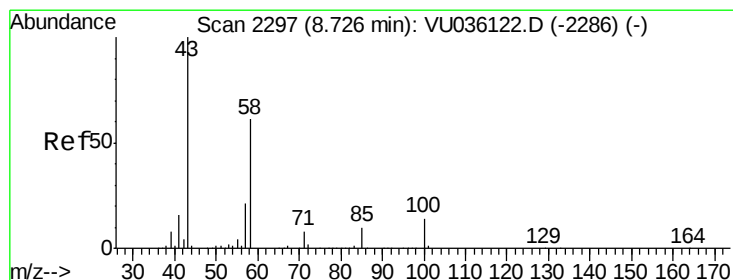
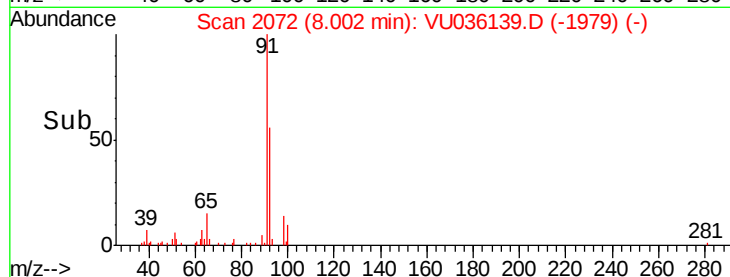
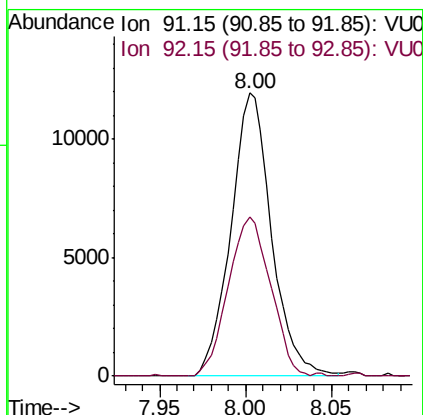
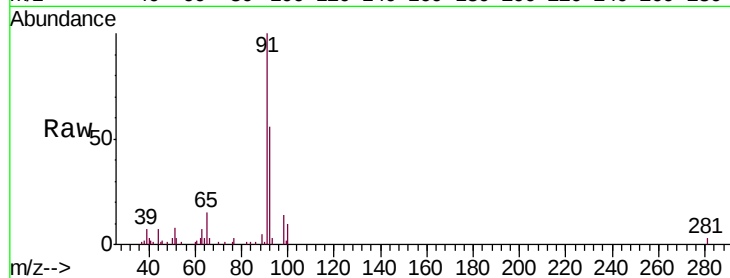
BFE61

Tgt Ion: 91 Resp: 19696

Ion Ratio Lower Upper

91 100

92 56.3 40.0 74.4



#48

2-Hexanone

Concen: 1.192 ug/L

RT: 8.72 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VU036139.D

Acq: 11 Dec 2019 18:07

Tgt Ion: 43 Resp: 10146

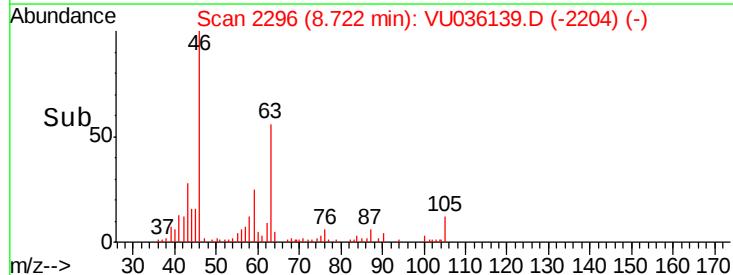
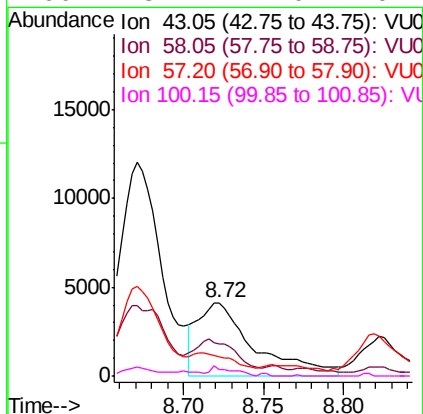
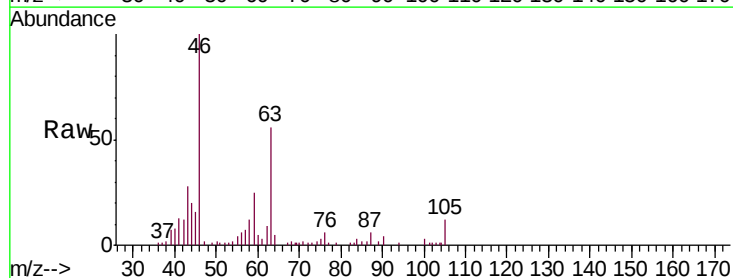
Ion Ratio Lower Upper

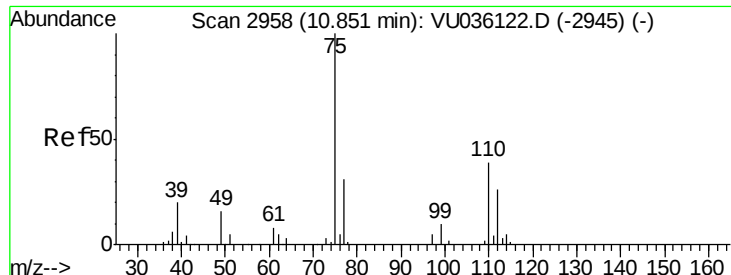
43 100

58 29.4 46.9 70.3#

57 14.5 16.4 24.6#

100 5.2 11.0 16.4#





#59
 1,2,3-Trichloropropane
 Concen: 0.620 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU036139.D
 Acq: 11 Dec 2019 18:07

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE61

Tgt Ion: 75 Resp: 10071
 Ion Ratio Lower Upper
 75 100
 77 39.8 26.7 40.1

