

Data File : VU036379.D
Acq On : 30 Dec 2019 19:42
Operator : JC/MD
Sample : K6459-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Dec 31 07:37:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	272002	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	108609	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87968	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.93	69	82691	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	131717	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.69	46	256414	50.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.74%
24) Chloroform-d	5.11	84	186151	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.75	65	106167	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.77	84	367652	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.73	67	121725	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.93	98	336397	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.21	79	50881	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.67	63	231033	48.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.02%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	99451	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	108484	4.68	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds

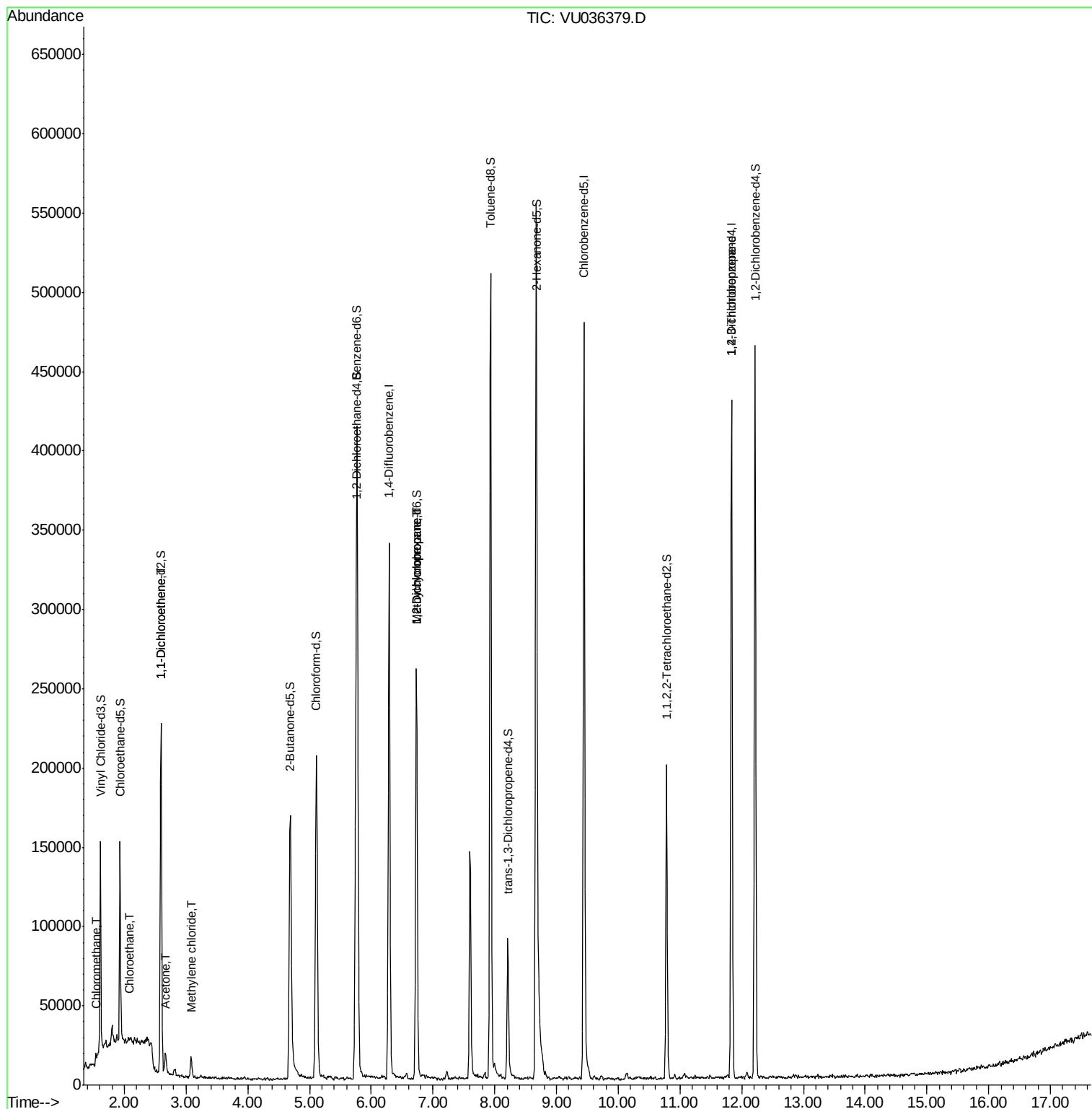
					Qvalue
3) Chloromethane	1.54	50	3897	0.186 ug/L	93
8) Chloroethane	2.09	64	976	0.072 ug/L	85
12) 1,1-Dichloroethene	2.60	96	1414	0.085 ug/L #	1
13) Acetone	2.67	43	15474	4.765 ug/L	91
16) Methylene chloride	3.08	84	5889	0.280 ug/L	98
35) Methylcyclohexane	6.73	83	28138	0.858 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	14144	0.714 ug/L #	90
59) 1,2,3-Trichloropropane	11.83	75	15856	1.159 ug/L	89

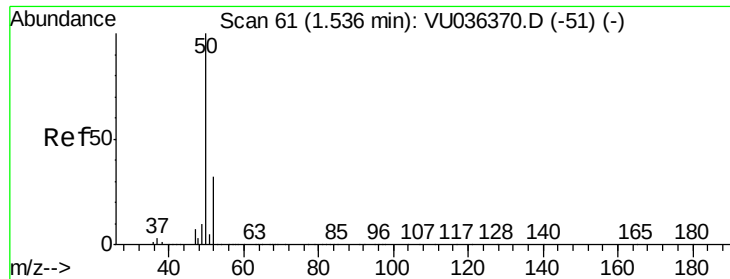
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.186 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU036379.D

Acq: 30 Dec 2019 19:42

Instrument :

MSVOA_U

ClientSampleId :

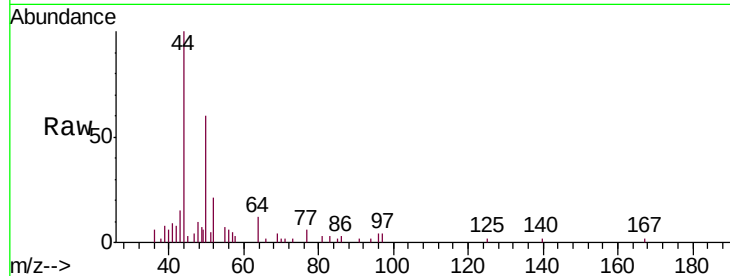
VHBLK01

Tgt Ion: 50 Resp: 3897

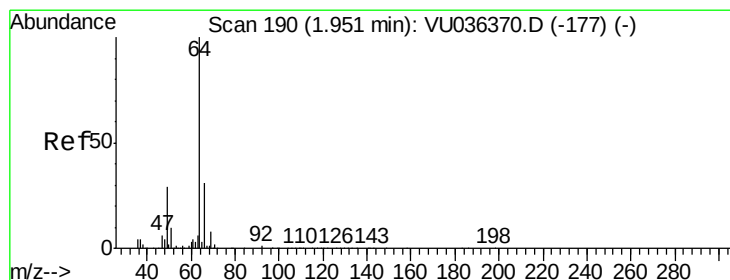
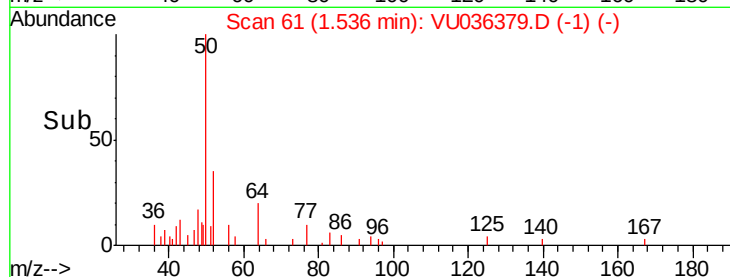
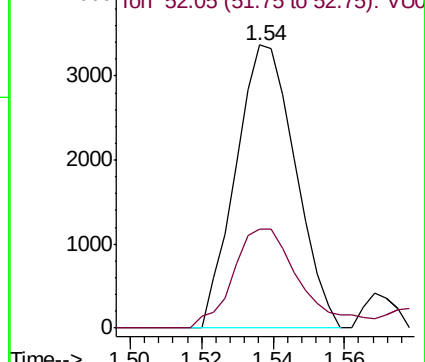
Ion Ratio Lower Upper

50 100

52 35.2 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VU036379.D (-51) (-)



#8

Chloroethane

Concen: 0.072 ug/L

RT: 2.09 min Scan# 233

Delta R.T. 0.14 min

Lab File: VU036379.D

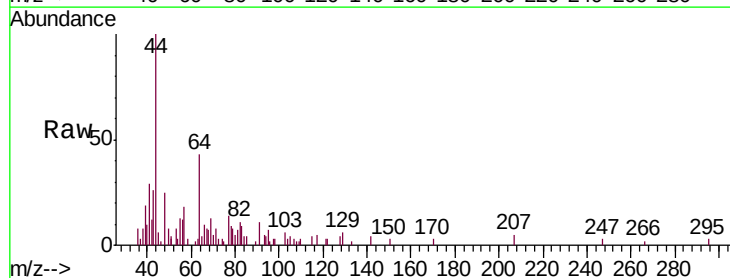
Acq: 30 Dec 2019 19:42

Tgt Ion: 64 Resp: 976

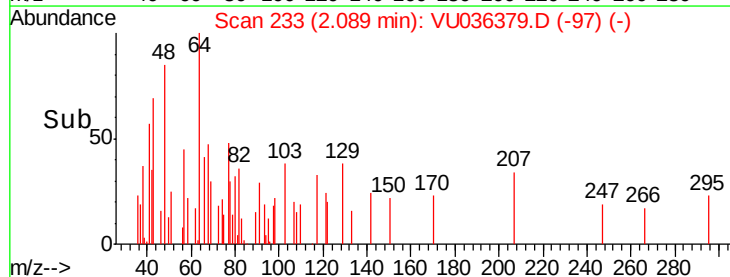
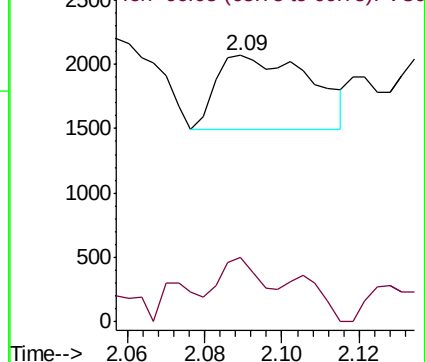
Ion Ratio Lower Upper

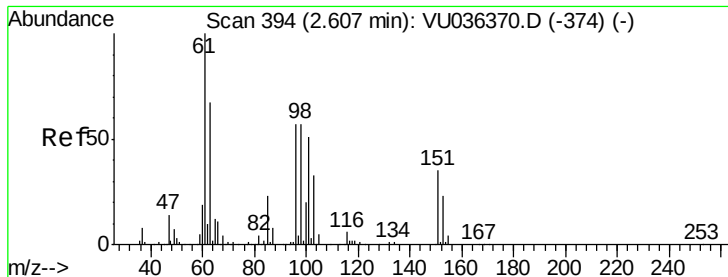
64 100

66 24.2 23.0 42.6



Abundance Ion 64.10 (63.80 to 64.80): VU036379.D (-177) (-)

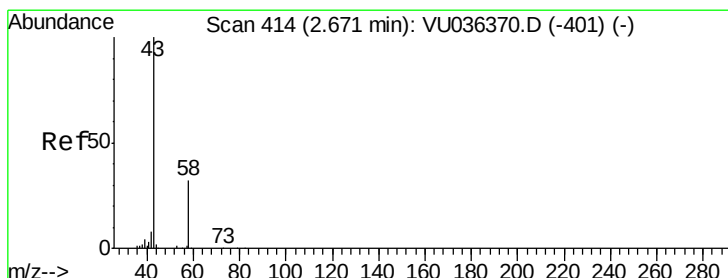
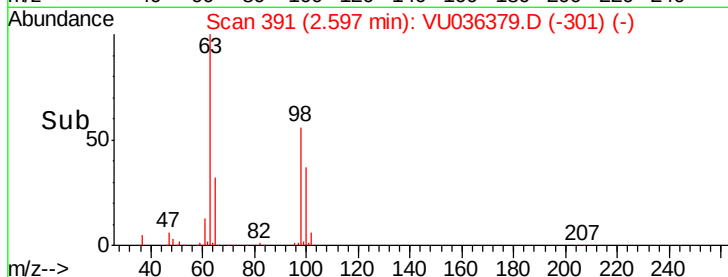
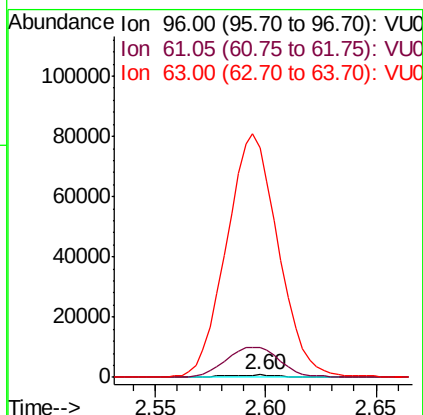
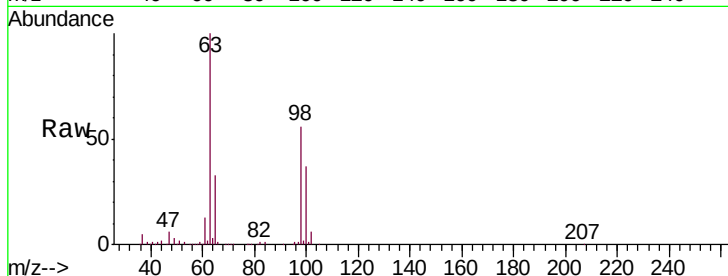




#12
 1,1-Dichloroethene
 Concen: 0.085 ug/L
 RT: 2.60 min Scan# 391
 Delta R.T. -0.01 min
 Lab File: VU036379.D
 Acq: 30 Dec 2019 19:42

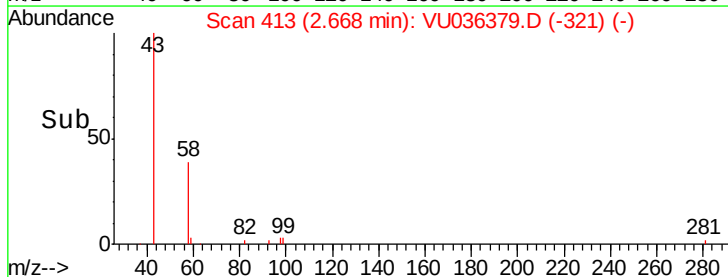
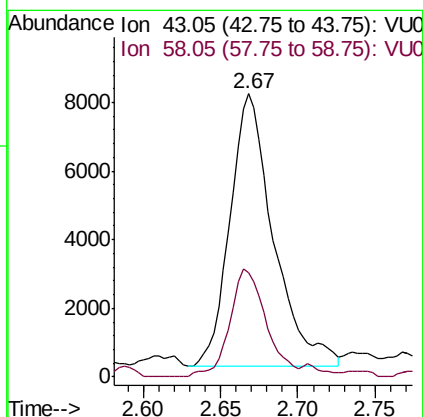
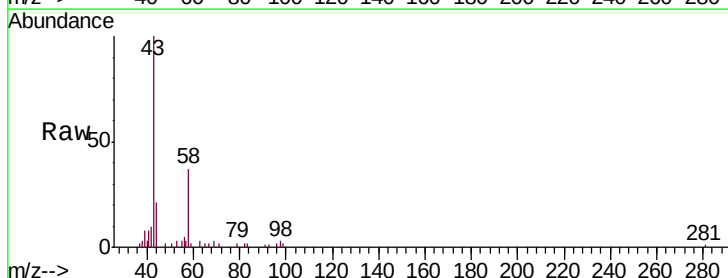
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

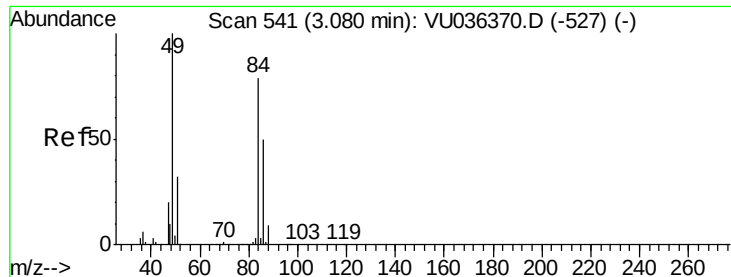
Tgt Ion: 96 Resp: 1414
 Ion Ratio Lower Upper
 96 100
 61 1244.1 123.8 230.0#
 63 9641.5 89.0 165.4#



#13
 Acetone
 Concen: 4.765 ug/L
 RT: 2.67 min Scan# 413
 Delta R.T. -0.00 min
 Lab File: VU036379.D
 Acq: 30 Dec 2019 19:42

Tgt Ion: 43 Resp: 15474
 Ion Ratio Lower Upper
 43 100
 58 33.0 0.0 57.0

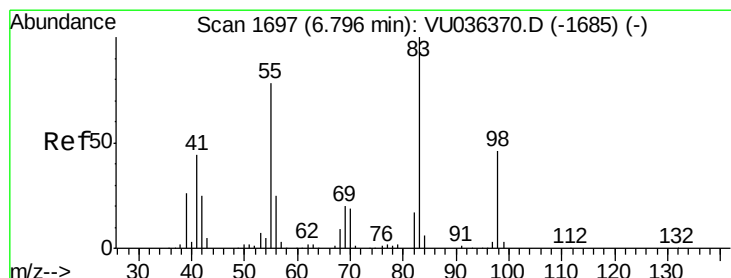
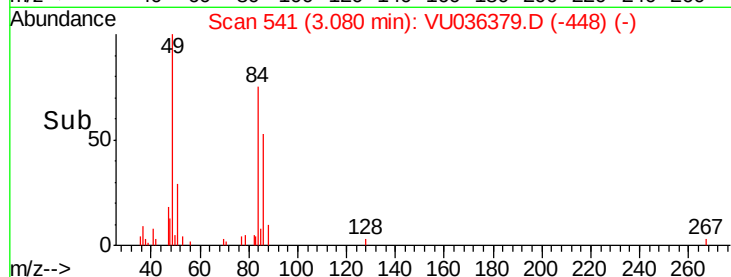
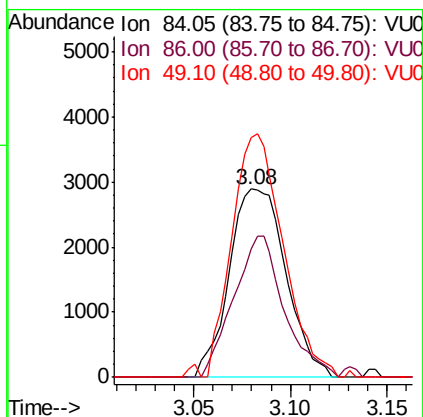
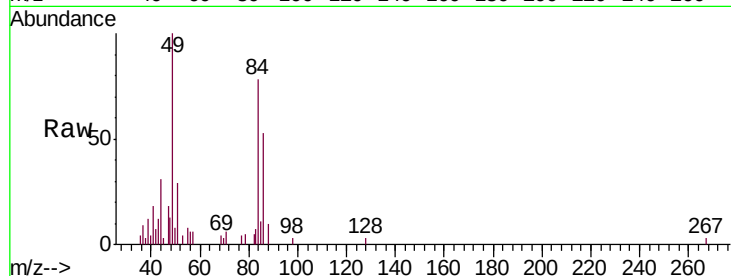




#16
Methylene chloride
Concen: 0.280 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036379.D
Acq: 30 Dec 2019 19:42

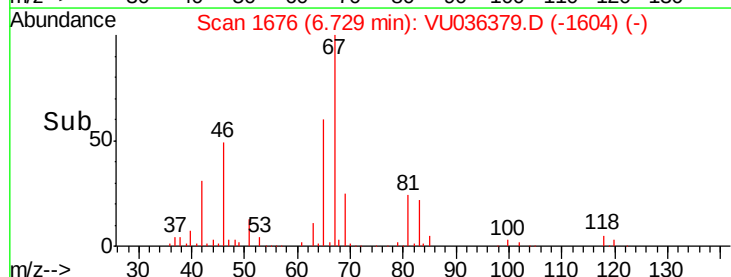
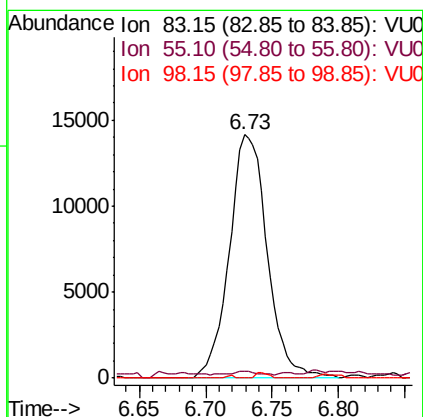
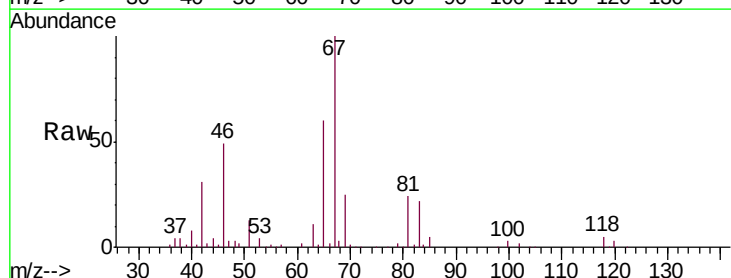
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

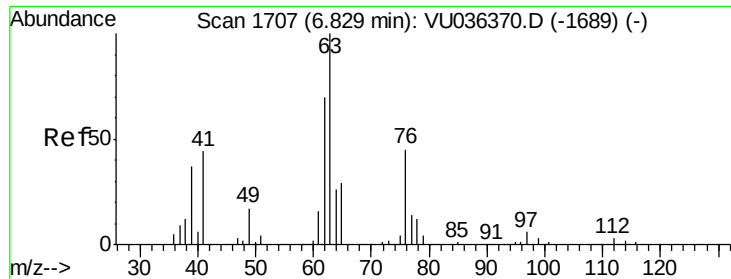
Tgt Ion: 84 Resp: 5889
Ion Ratio Lower Upper
84 100
86 67.9 44.4 82.5
49 127.5 89.0 165.2



#35
Methylcyclohexane
Concen: 0.858 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036379.D
Acq: 30 Dec 2019 19:42

Tgt Ion: 83 Resp: 28138
Ion Ratio Lower Upper
83 100
55 0.8 61.5 92.3#
98 0.2 36.9 55.3#

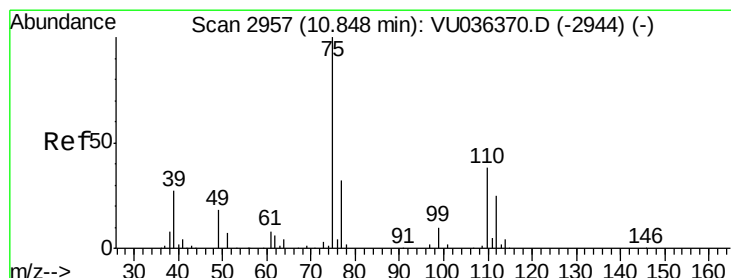
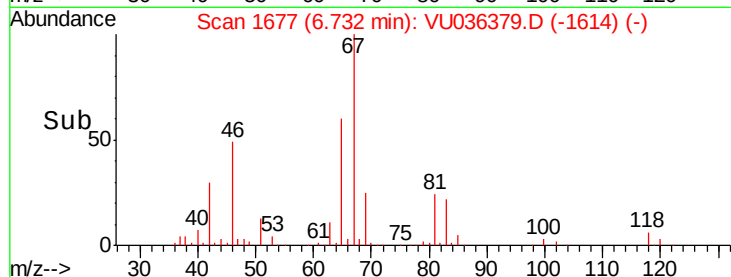
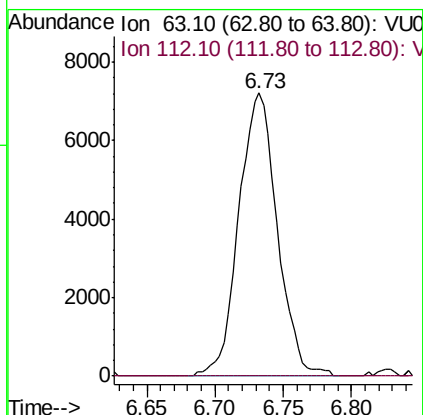
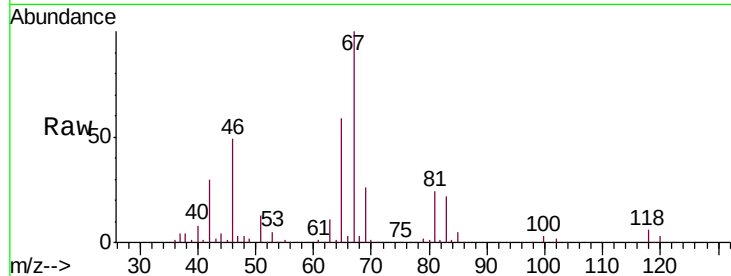




#37
 1,2-Dichloropropane
 Concen: 0.714 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036379.D
 Acq: 30 Dec 2019 19:42

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Tgt Ion: 63 Resp: 14144
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.0 4.4#



#59
 1,2,3-Trichloropropane
 Concen: 1.159 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.99 min
 Lab File: VU036379.D
 Acq: 30 Dec 2019 19:42

Tgt Ion: 75 Resp: 15856
 Ion Ratio Lower Upper
 75 100
 77 40.1 27.0 40.4

