

Data File : VU031808.D
Acq On : 07 May 2019 16:37
Operator : JC/SP
Sample : K2634-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFHH7

Quant Time: May 08 06:52:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 06:47:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	647577	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	618083	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	240342	44.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.70%
7) Chloroethane-d5	1.68	69	184519	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.27	63	383514	35.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.06%
21) 2-Butanone-d5	4.18	46	512789	104.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.43%
24) Chloroform-d	4.64	84	453279	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.31	65	334406	51.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.14%
32) Benzene-d6	5.34	84	904071	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
36) 1,2-Dichloropropane-d6	6.33	67	328256	49.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.32%
41) Toluene-d8	7.56	98	733924	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	124815	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
47) 2-Hexanone-d5	8.31	63	271900	94.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	398805	44.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	224508	48.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.44%

Target Compounds

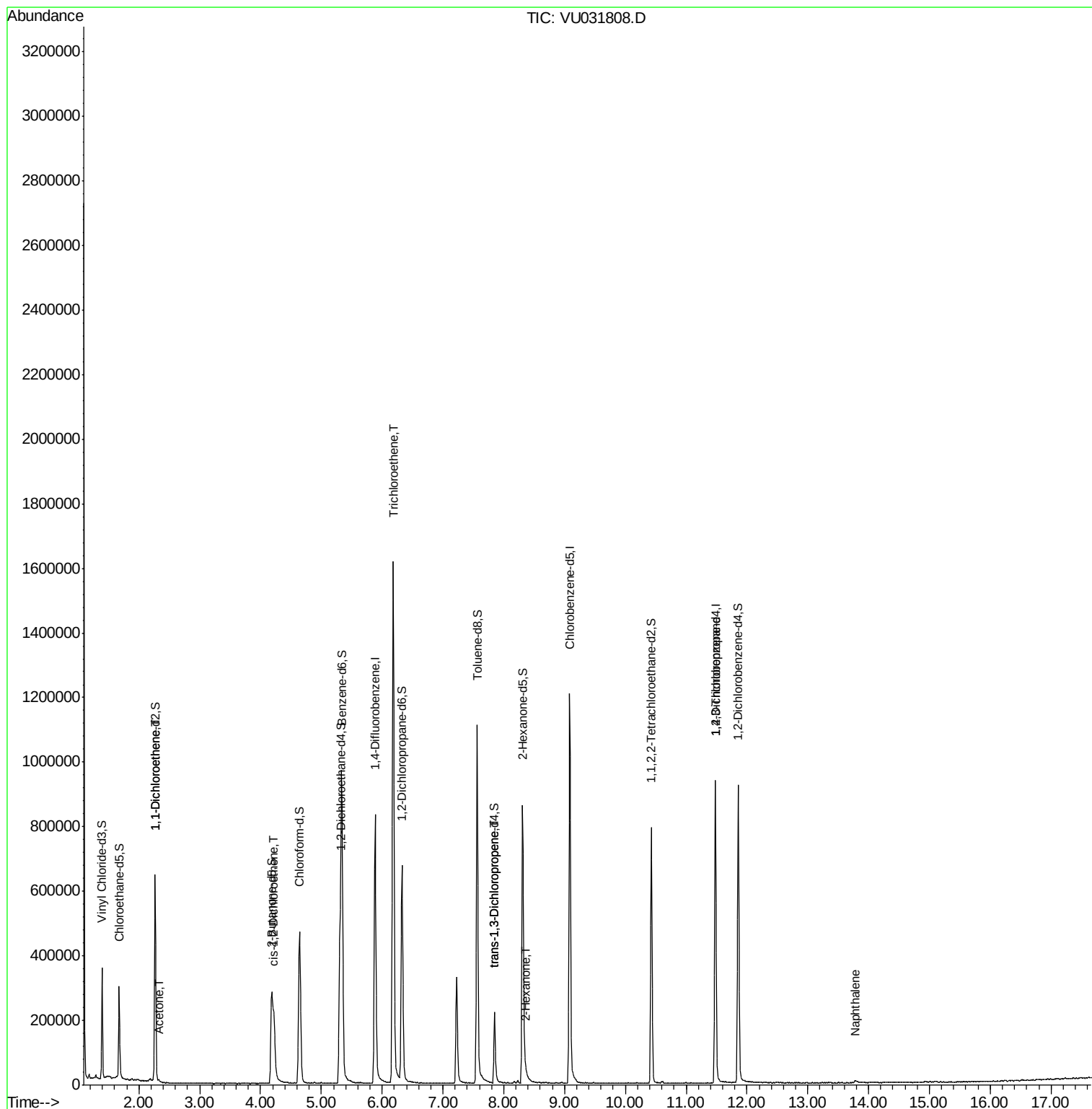
					Qvalue	
12) 1,1-Dichloroethene	2.27	96	6330	1.253	ug/L #	1
13) Acetone	2.33	43	2699	0.488	ug/L	84
20) cis-1,2-Dichloroethene	4.23	96	78509	13.902	ug/L	92
34) Trichloroethene	6.18	95	599983	108.920	ug/L	94
44) trans-1,3-Dichloropropene	7.85	75	6106	0.790	ug/L	87
48) 2-Hexanone	8.37	43	9171	1.142	ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	35210	4.603	ug/L	93
69) Naphthalene	13.78	128	5910	0.403	ug/L #	77

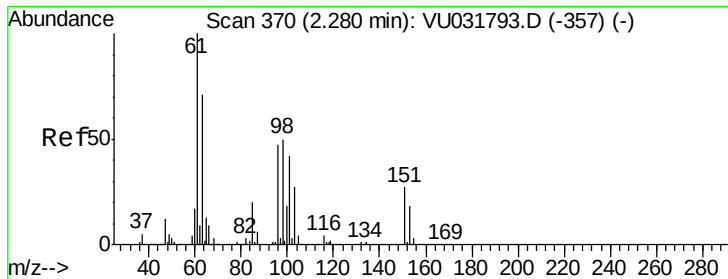
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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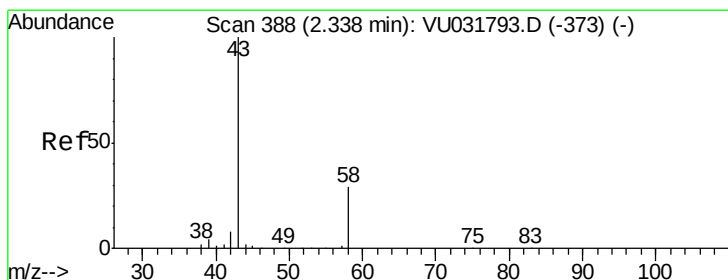
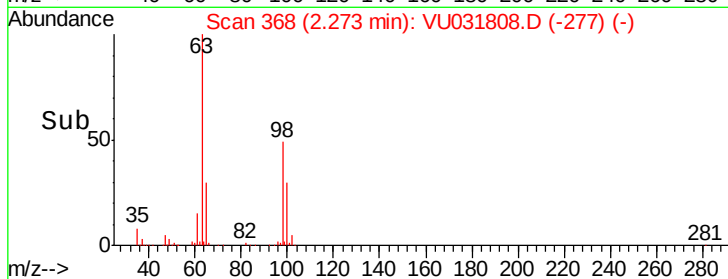
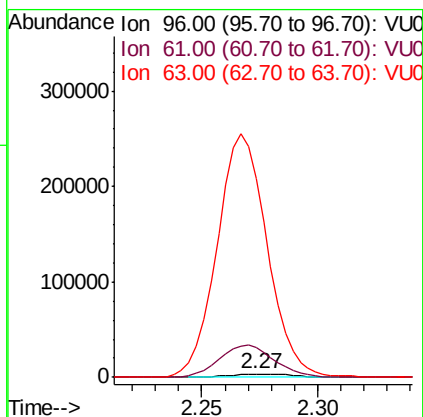
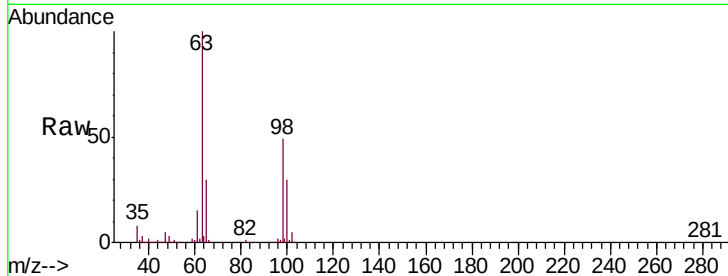




#12
 1,1-Dichloroethene
 Concen: 1.253 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

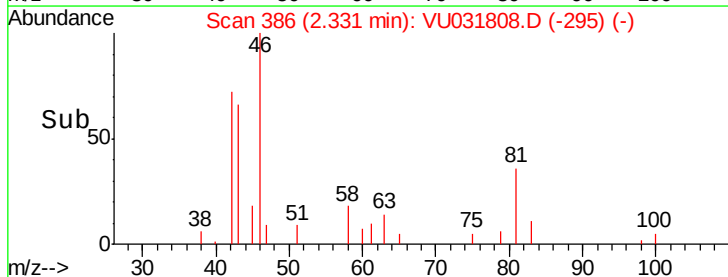
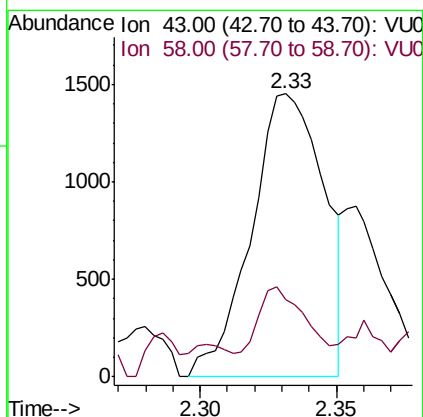
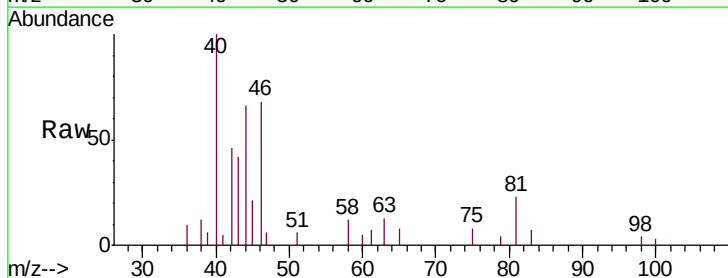
Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH7

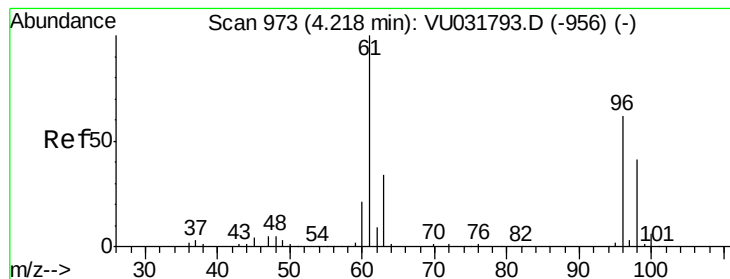
Tgt Ion: 96 Resp: 6330
 Ion Ratio Lower Upper
 96 100
 61 903.8 135.0 250.6#
 63 6054.9 103.5 192.3#



#13
 Acetone
 Concen: 0.488 ug/L
 RT: 2.33 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Tgt Ion: 43 Resp: 2699
 Ion Ratio Lower Upper
 43 100
 58 23.2 0.0 64.4



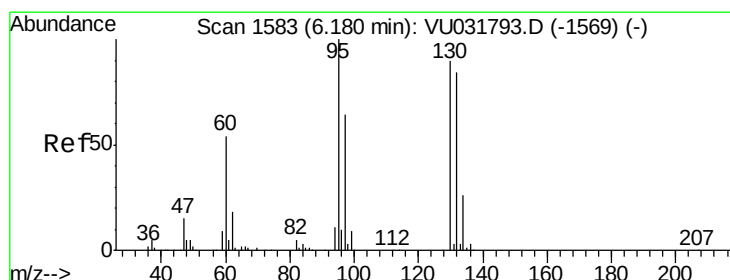
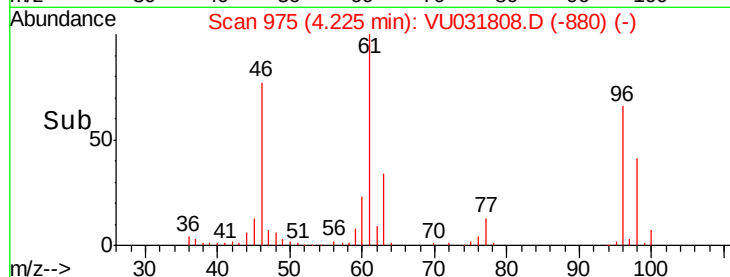
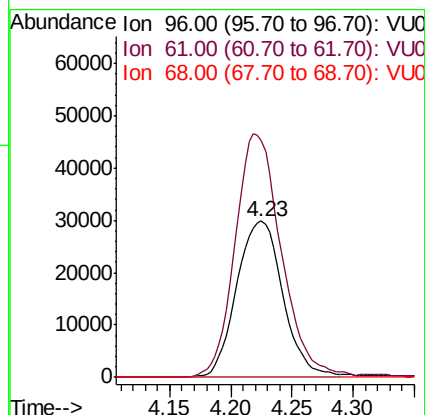
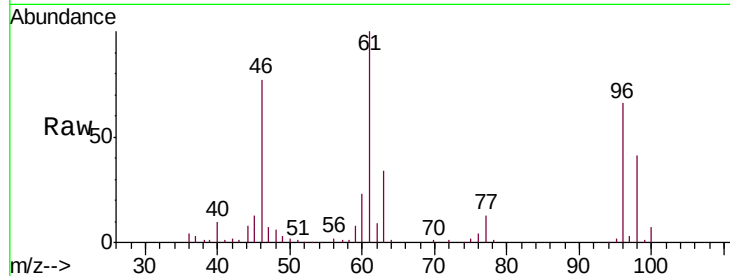


#20

cis-1,2-Dichloroethene
Concen: 13.902 ug/L
RT: 4.23 min Scan# 975
Delta R.T. 0.01 min
Lab File: VU031808.D
Acq: 07 May 2019 16:37

Instrument :
MSVOA_U
ClientSampled :
BFHH7

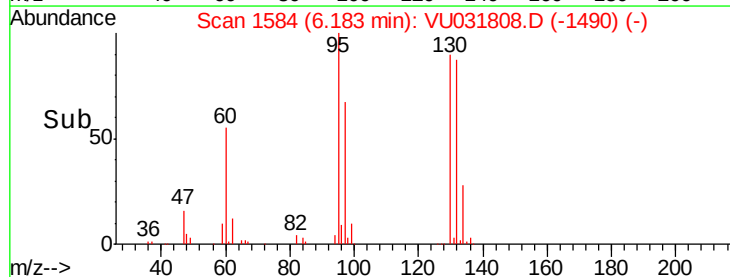
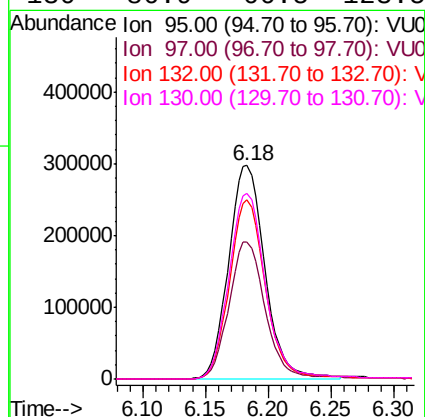
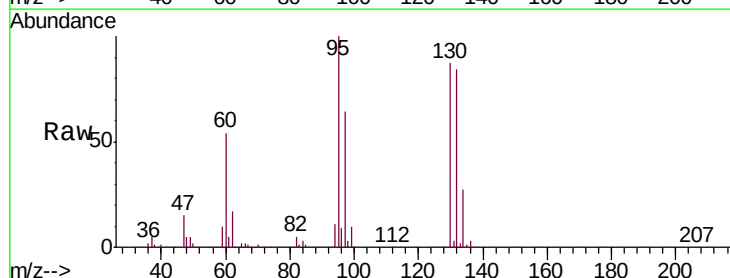
Tgt Ion: 96 Resp: 78509
Ion Ratio Lower Upper
96 100
61 152.3 99.5 184.7
68 0.0 0.0 0.0

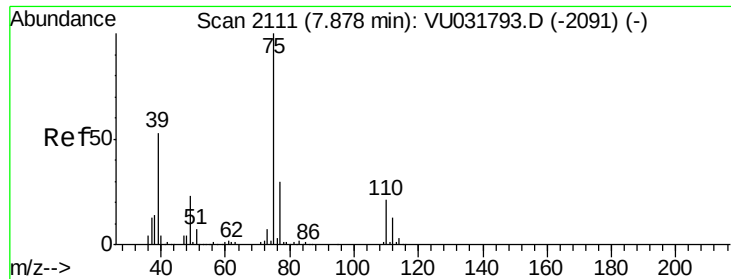


#34

Trichloroethene
Concen: 108.920 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031808.D
Acq: 07 May 2019 16:37

Tgt Ion: 95 Resp: 599983
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 83.6 63.1 117.1
130 86.9 66.5 123.5

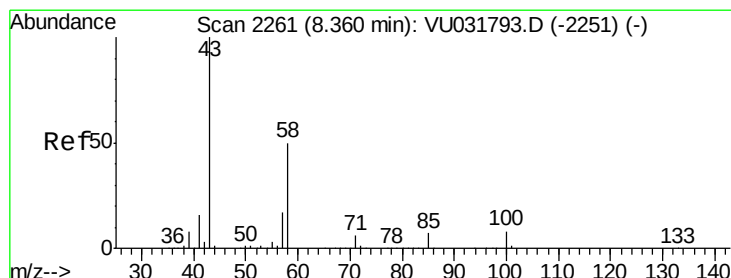
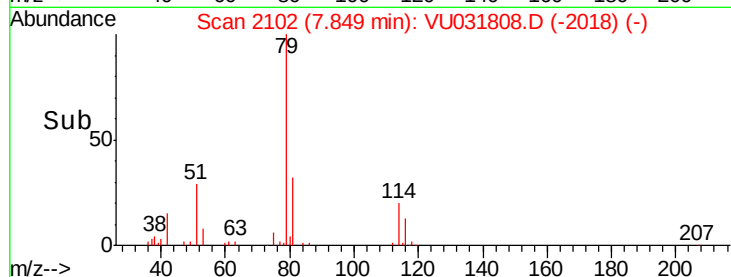
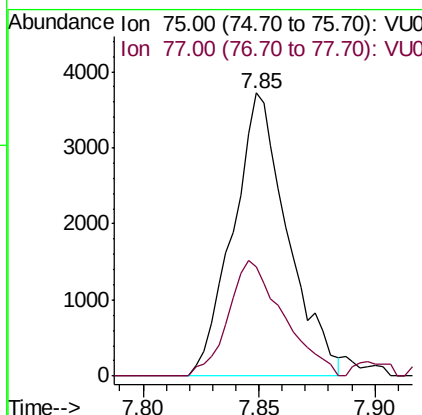
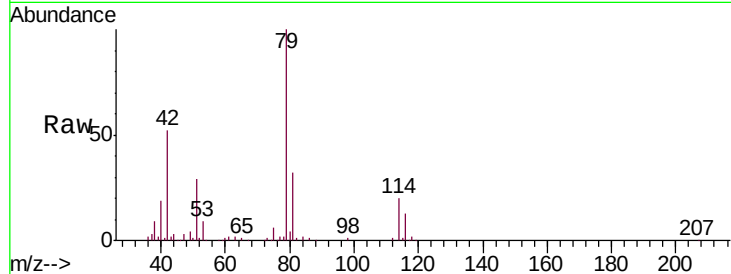




#44
 trans-1,3-Dichloropropene
 Concen: 0.790 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

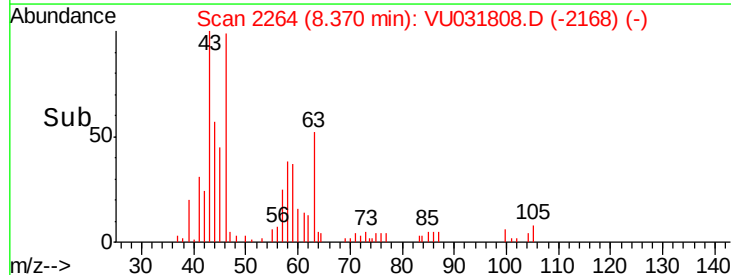
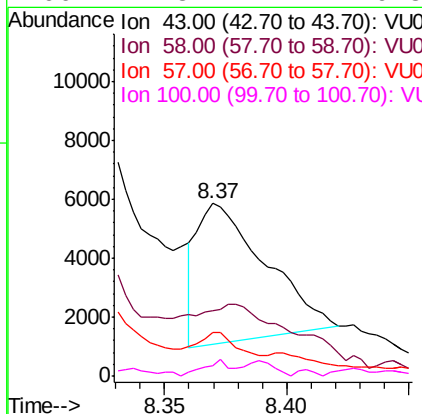
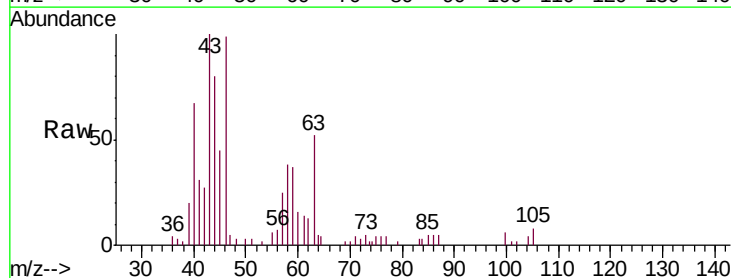
Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH7

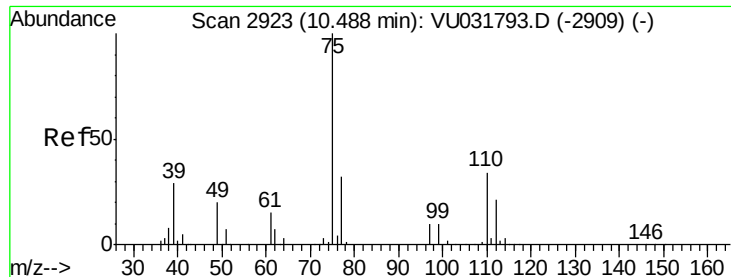
Tgt Ion: 75 Resp: 6106
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.1 41.1



#48
 2-Hexanone
 Concen: 1.142 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. 0.01 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Tgt Ion: 43 Resp: 9171
 Ion Ratio Lower Upper
 43 100
 58 0.0 42.1 63.1#
 57 9.4 14.6 22.0#
 100 4.3 7.2 10.8#

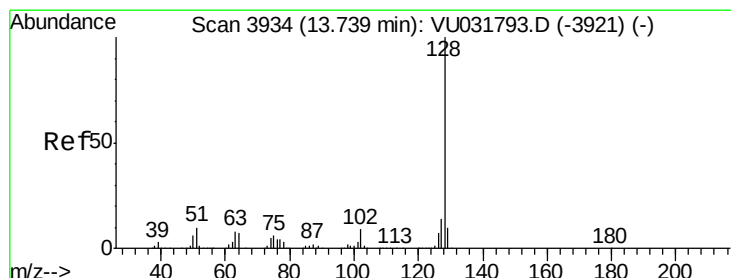
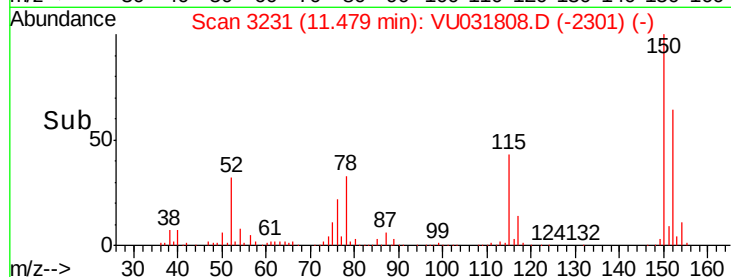
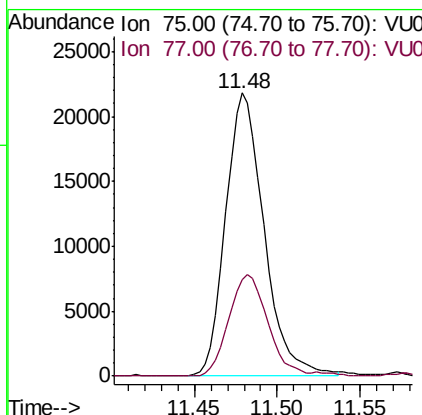
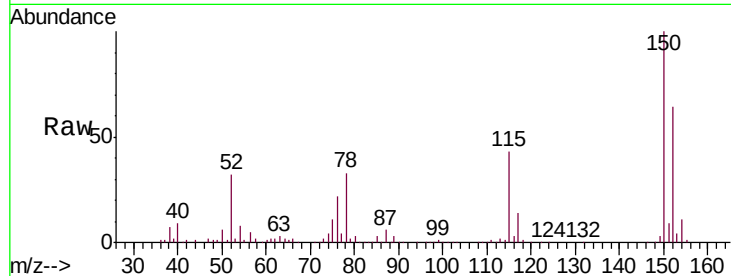




#59
 1,2,3-Trichloropropane
 Concen: 4.603 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Instrument :
 MSVOA_U
 ClientSampleId :
 BFHH7

Tgt Ion: 75 Resp: 35210
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.9 38.9



#69
 Naphthalene
 Concen: 0.403 ug/L
 RT: 13.78 min Scan# 3948
 Delta R.T. 0.05 min
 Lab File: VU031808.D
 Acq: 07 May 2019 16:37

Tgt Ion: 128 Resp: 5910
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 6.6 8.7 13.1#

