

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101818\
 Data File : VU027706.D
 Acq On : 18 Oct 2018 19:30
 Operator : MD/SY
 Sample : J5463-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 19 08:15:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 08:11:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	66958	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	64478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	30720	5.00	ug/L	0.00

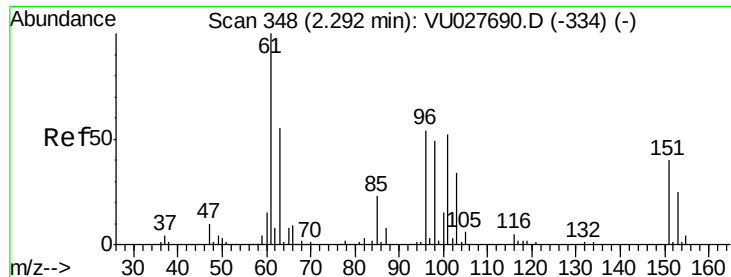
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28603	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.68	69	20934	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.28	63	38329	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.22	46	83089	54.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.84%
24) Chloroform-d	4.65	84	42257	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.31	65	25244	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.34	84	95337	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	6.33	67	32637	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.57	98	89040	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
43) trans-1,3-Dichloropropene-	7.85	79	13355	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.32	63	71102	53.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22902	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	31432	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	327	0.072	ug/L #	17
12) 1,1-Dichloroethene	2.28	96	382	0.084	ug/L #	1
25) Chloroform	4.68	83	3280	0.355	ug/L	94
27) 1,2-Dichloroethane	5.34	62	480	0.082	ug/L #	72
34) Trichloroethene	6.19	95	534	0.098	ug/L	82
35) Methylcyclohexane	6.33	83	7125	0.757	ug/L #	16
37) 1,2-Dichloropropane	6.33	63	3358	0.554	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	685	0.078	ug/L #	50
48) 2-Hexanone	8.37	43	1676	0.572	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	3698	1.062	ug/L	93

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027706.D

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Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

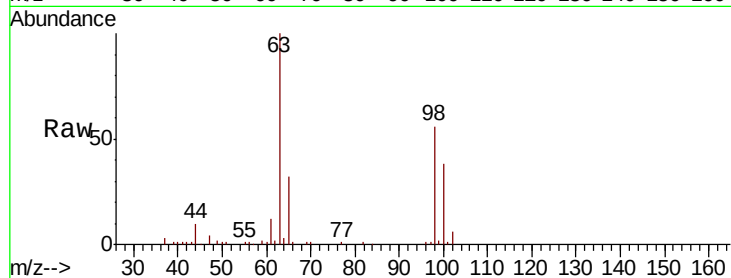
Tgt Ion:101 Resp: 327

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

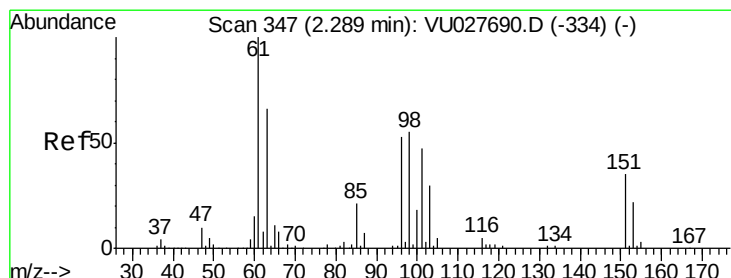
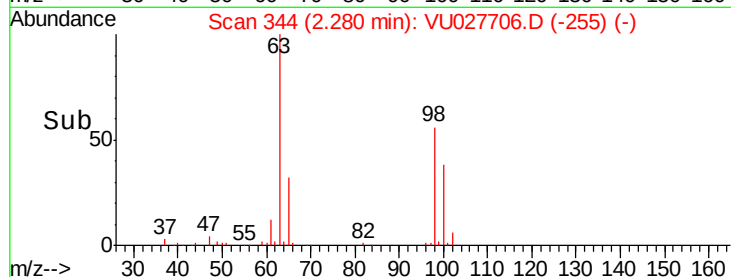
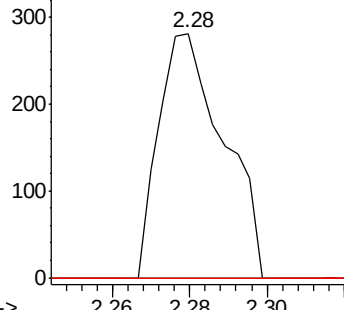
151 0.0 63.8 95.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.084 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027706.D

Acq: 18 Oct 2018 19:30

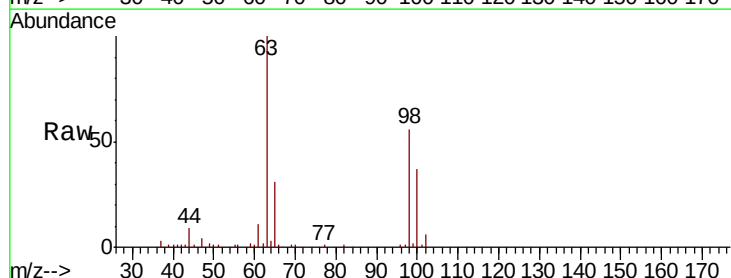
Tgt Ion: 96 Resp: 382

Ion Ratio Lower Upper

96 100

61 1170.4 125.6 233.2#

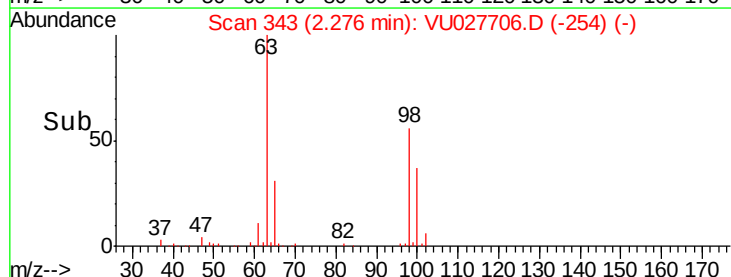
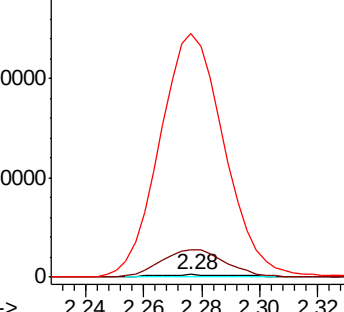
63 10230.0 97.6 181.2#

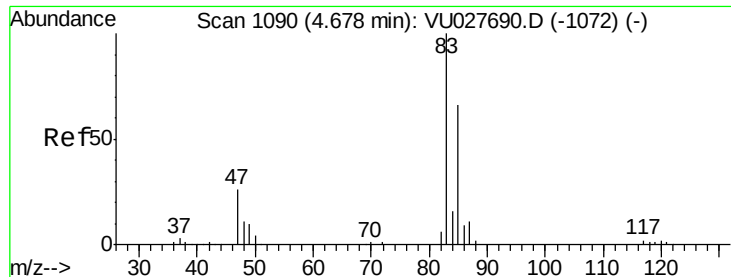


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

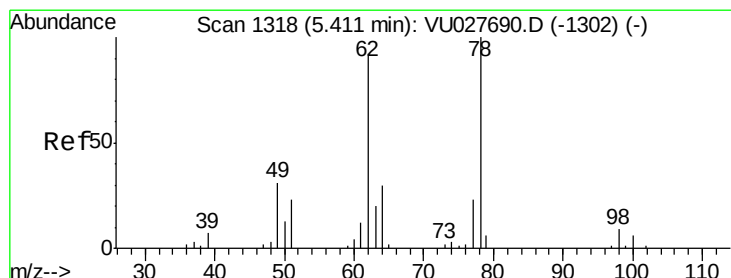
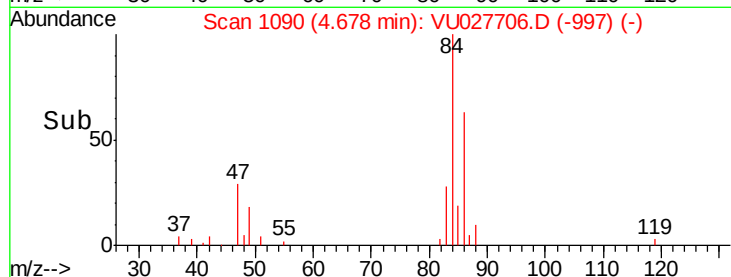
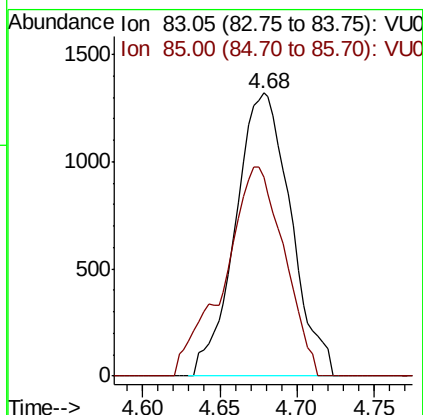
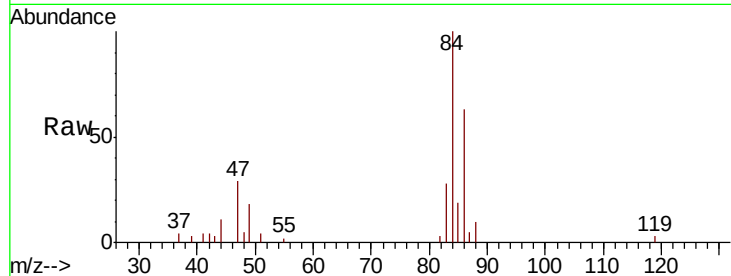




#25
Chloroform
Concen: 0.355 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027706.D
Acq: 18 Oct 2018 19:30

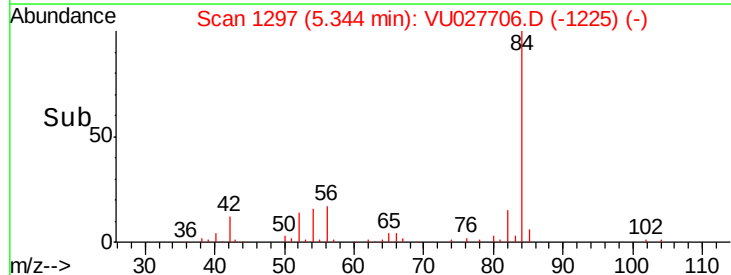
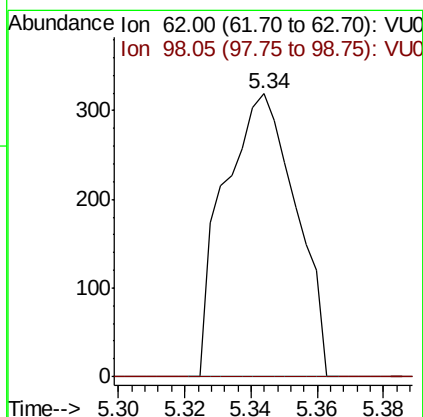
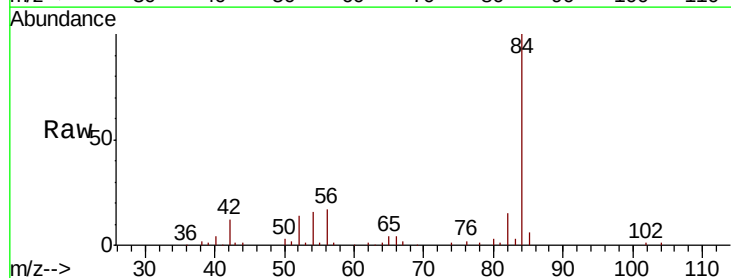
Instrument :
MSVOA_U
ClientSampled :
VHBLK01

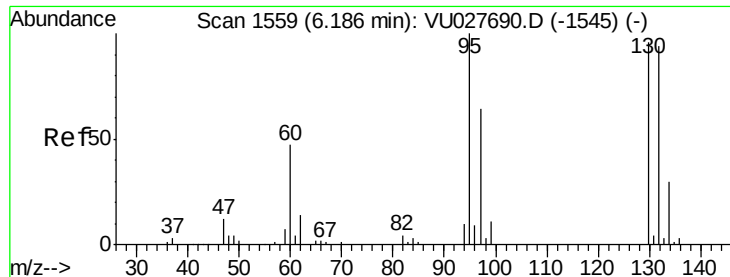
Tgt Ion: 83 Resp: 3280
Ion Ratio Lower Upper
83 100
85 70.3 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.082 ug/L
RT: 5.34 min Scan# 1297
Delta R.T. -0.07 min
Lab File: VU027706.D
Acq: 18 Oct 2018 19:30

Tgt Ion: 62 Resp: 480
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#





#34

Trichloroethene

Concen: 0.098 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027706.D

Acq: 18 Oct 2018 19:30

Instrument :

MSVOA_U

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 534

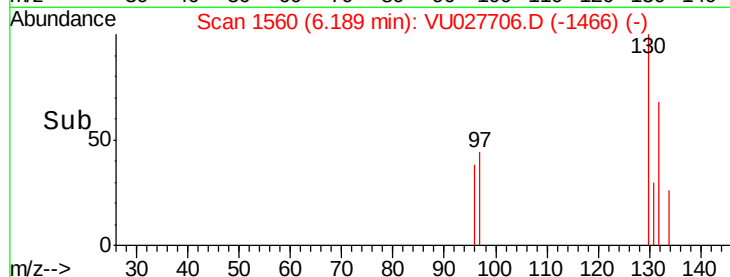
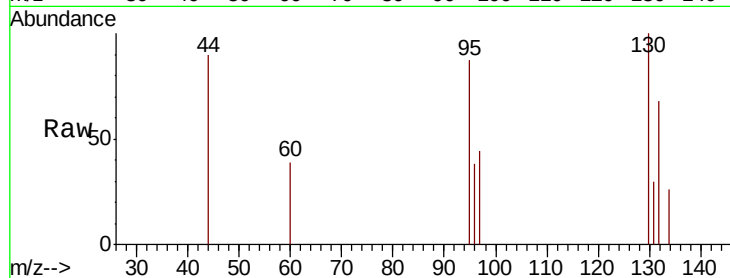
Ion Ratio Lower Upper

95 100

97 50.0 44.7 83.1

132 77.8 65.9 122.5

130 114.9 67.9 126.1

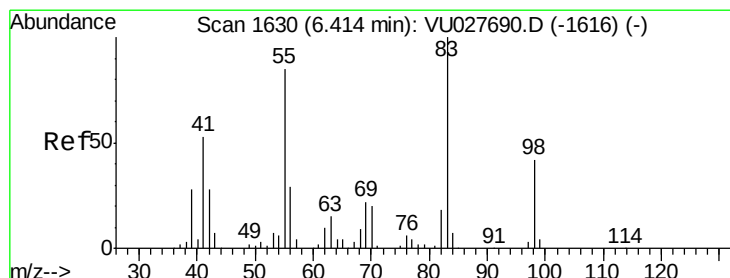
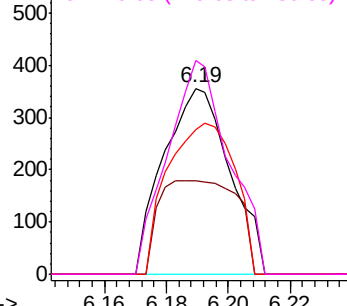


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027706.D

Acq: 18 Oct 2018 19:30

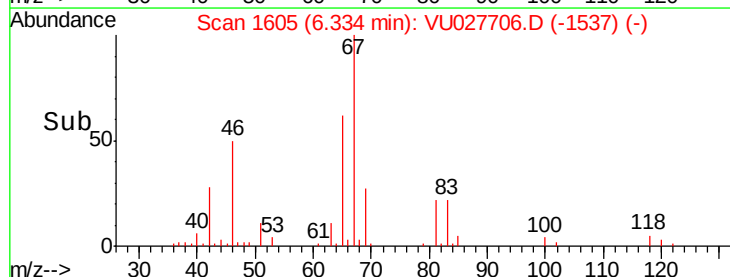
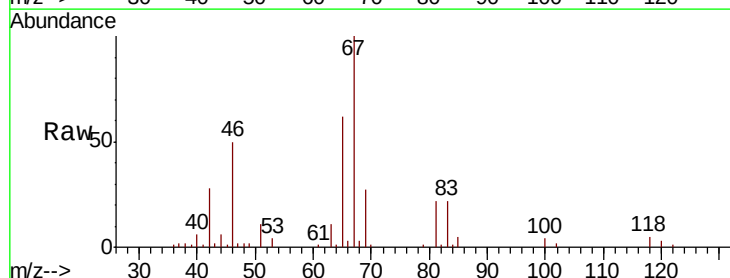
Tgt Ion: 83 Resp: 7125

Ion Ratio Lower Upper

83 100

55 1.1 69.0 103.4#

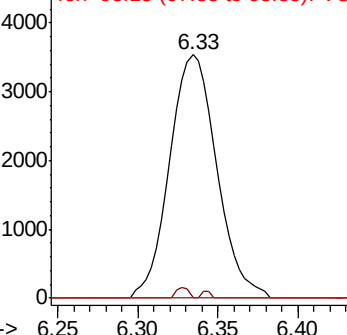
98 0.0 35.4 53.2#

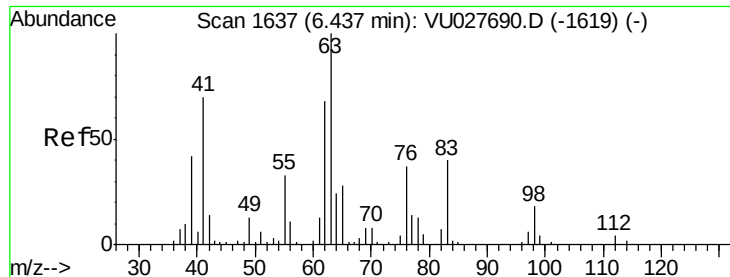


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

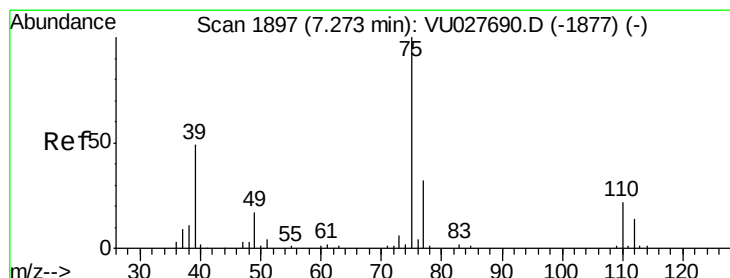
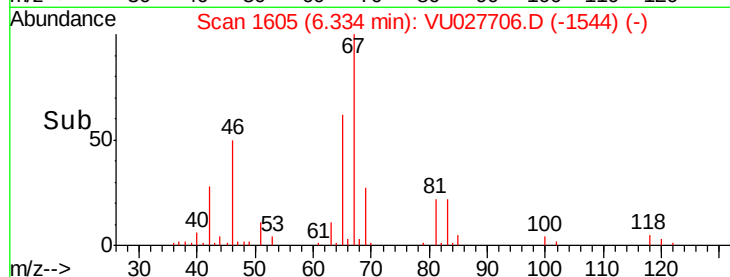
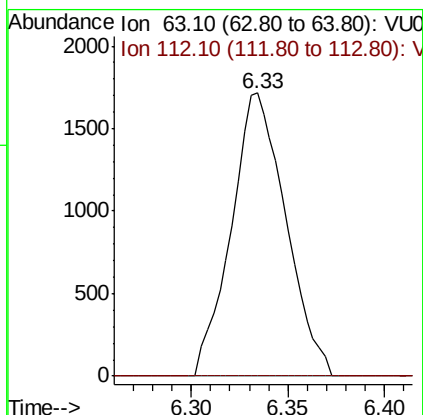
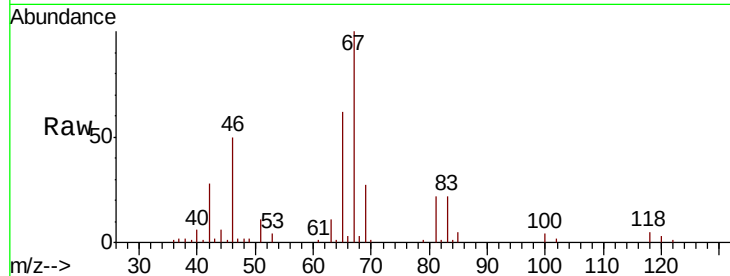




#37
 1,2-Dichloropropane
 Concen: 0.554 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027706.D
 Acq: 18 Oct 2018 19:30

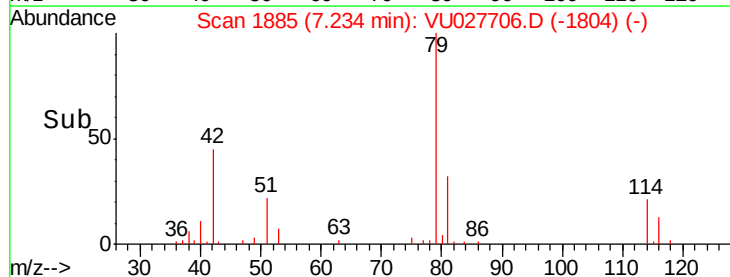
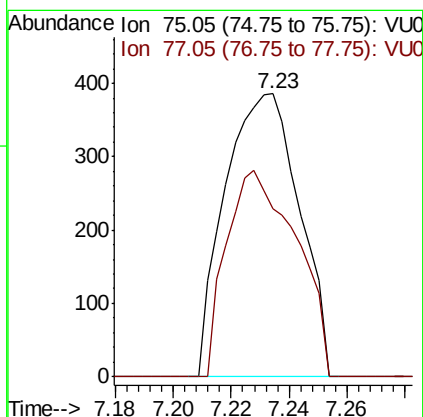
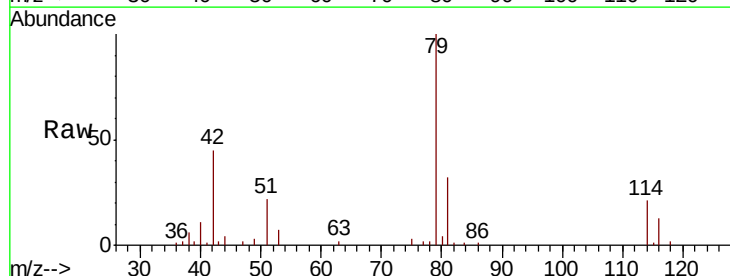
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

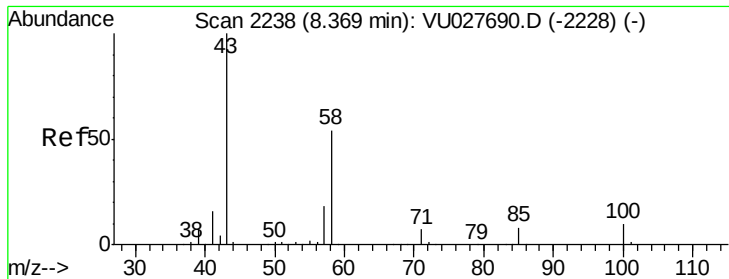
Tgt Ion: 63 Resp: 3358
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.078 ug/L
 RT: 7.23 min Scan# 1885
 Delta R.T. -0.04 min
 Lab File: VU027706.D
 Acq: 18 Oct 2018 19:30

Tgt Ion: 75 Resp: 685
 Ion Ratio Lower Upper
 75 100
 77 59.3 22.2 41.2#

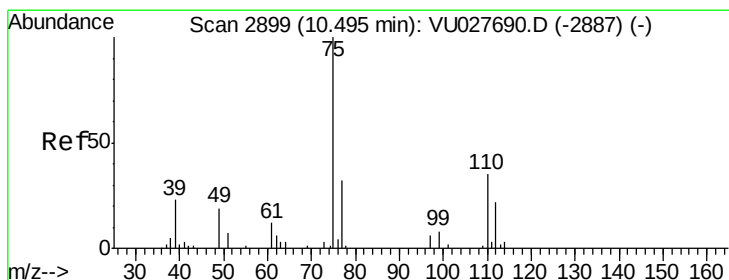
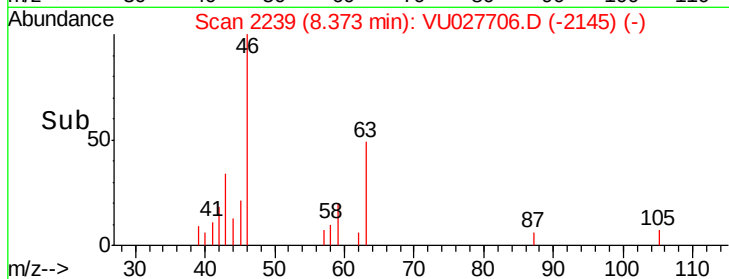
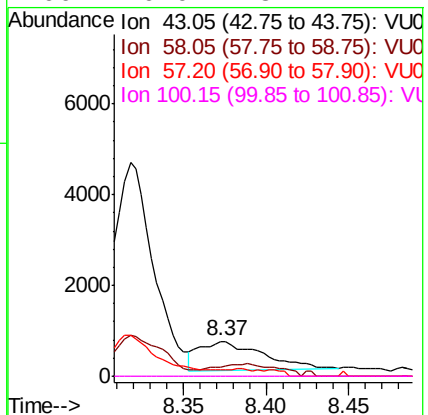
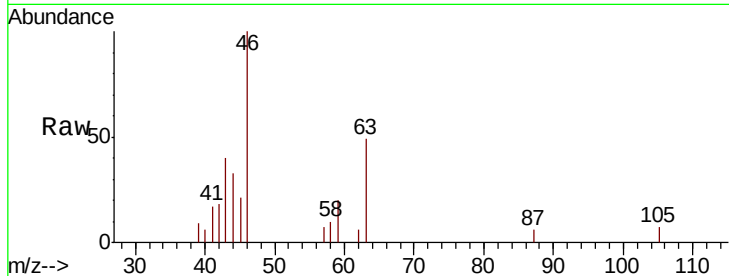




#48
 2-Hexanone
 Concen: 0.572 ug/L
 RT: 8.37 min Scan# 2239
 Delta R.T. 0.00 min
 Lab File: VU027706.D
 Acq: 18 Oct 2018 19:30

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 VHBLK01

Tgt Ion: 43 Resp: 1676
 Ion Ratio Lower Upper
 43 100
 58 42.4 42.7 64.1#
 57 0.0 14.5 21.7#
 100 0.0 8.1 12.1#



#59
 1,2,3-Trichloropropane
 Concen: 1.062 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027706.D
 Acq: 18 Oct 2018 19:30

Tgt Ion: 75 Resp: 3698
 Ion Ratio Lower Upper
 75 100
 77 37.9 26.9 40.3

