

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040519\
 Data File : VU030708.D
 Acq On : 05 Apr 2019 01:08
 Operator : JC/SP
 Sample : K2218-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF634

Quant Time: Apr 05 02:23:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 02:15:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	511341	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	502524	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	220058	50.00	ug/L	0.00

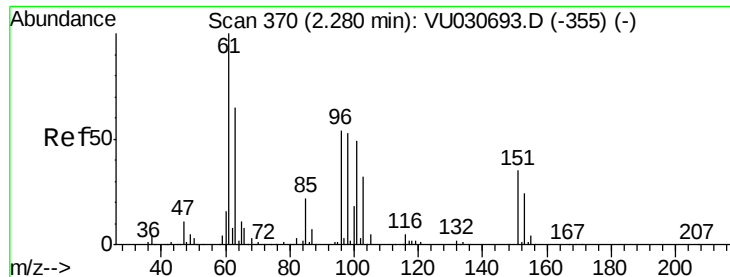
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	249901	54.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.50%
7) Chloroethane-d5	1.68	69	188112	54.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.27	63	333293	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.74%
21) 2-Butanone-d5	4.17	46	383202	105.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.92%
24) Chloroform-d	4.64	84	339760	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.46%
26) 1,2-Dichloroethane-d4	5.31	65	243180	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.22%
32) Benzene-d6	5.34	84	763519	52.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.10%
36) 1,2-Dichloropropane-d6	6.32	67	261326	51.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.96%
41) Toluene-d8	7.56	98	665307	51.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.32%
43) trans-1,3-Dichloropropene-	7.85	79	109912	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.88%
47) 2-Hexanone-d5	8.31	63	234094	101.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	340550	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	224041	51.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2966	0.810	ug/L #	20
12) 1,1-Dichloroethene	2.27	96	2599	0.735	ug/L #	1
13) Acetone	2.32	43	8184	2.211	ug/L	95
25) Chloroform	4.67	83	26319	3.381	ug/L	90
44) trans-1,3-Dichloropropene	7.85	75	4448	0.762	ug/L	88
48) 2-Hexanone	8.31	43	29827	5.106	ug/L #	74
59) 1,2,3-Trichloropropane	11.48	75	29096	5.217	ug/L	91

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



#10

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

Concen: 0.810 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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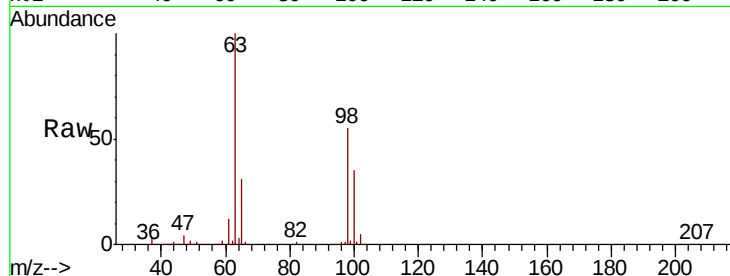
Tot Ion:101 Resp: 2966

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

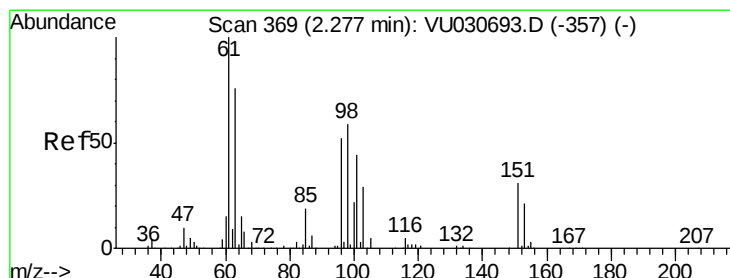
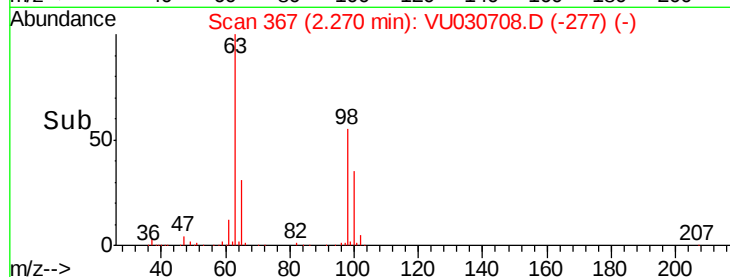
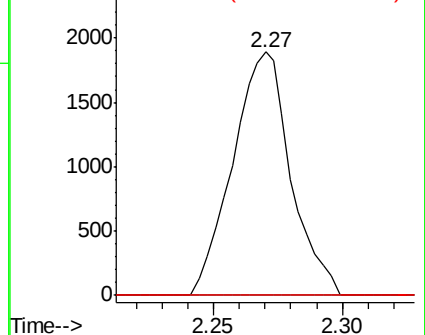
151 0.0 57.4 86.0#



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: 0.735 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU030708.D

Acq: 05 Apr 2019 01:08

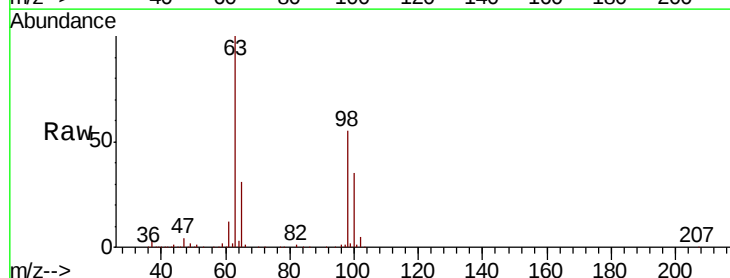
Tgt Ion: 96 Resp: 2599

Ion Ratio Lower Upper

96 100

61 1675.9 132.0 245.2#

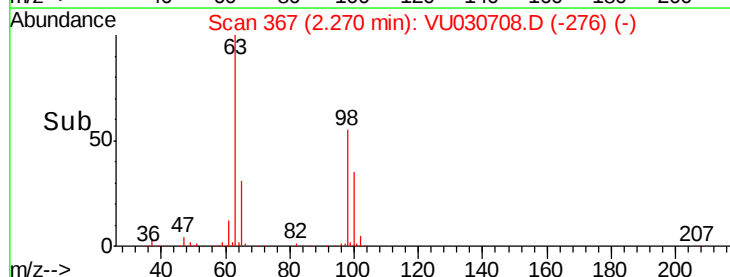
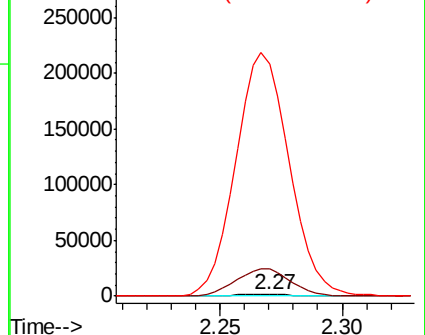
63 14404.4 90.9 168.9#

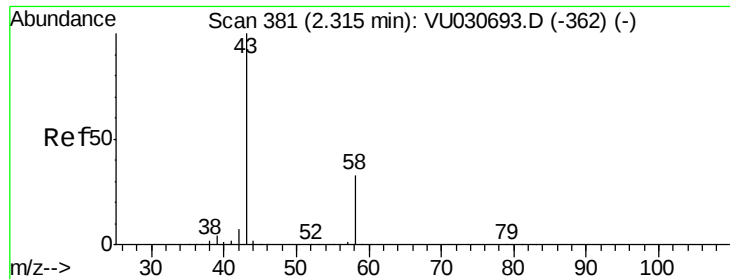


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 2.211 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030708.D

Acq: 05 Apr 2019 01:08

Instrument :

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ClientSampleId :

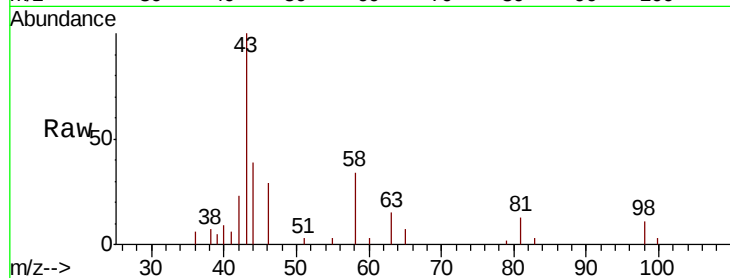
BF634

Tot Ion: 43 Resp: 8184

Ion Ratio Lower Upper

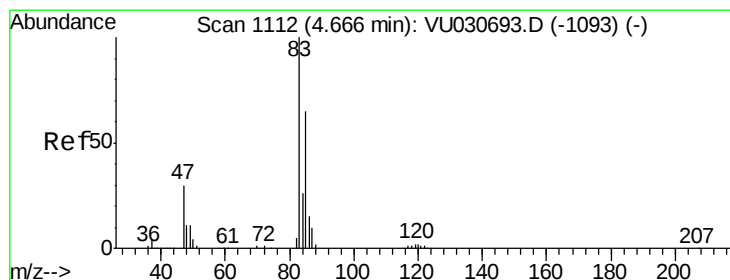
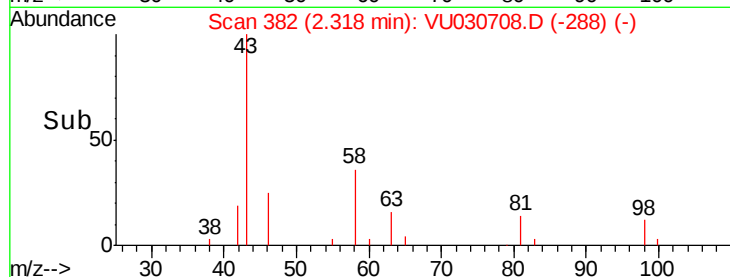
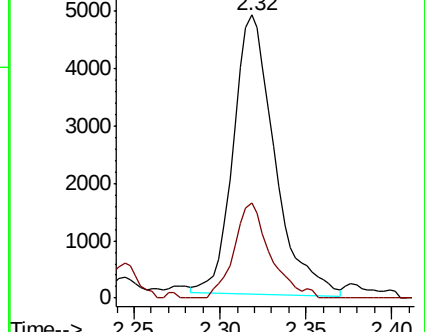
43 100

58 29.1 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU030708.D (-362) (-)

Ion 58.00 (57.70 to 58.70): VU030708.D (-362) (-)



#25

Chloroform

Concen: 3.381 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU030708.D

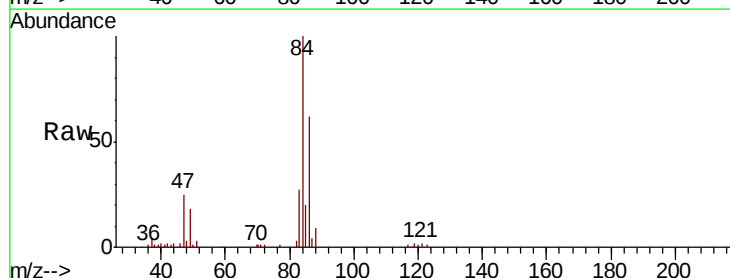
Acq: 05 Apr 2019 01:08

Tgt Ion: 83 Resp: 26319

Ion Ratio Lower Upper

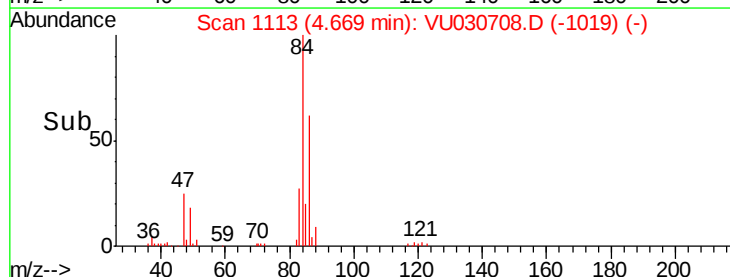
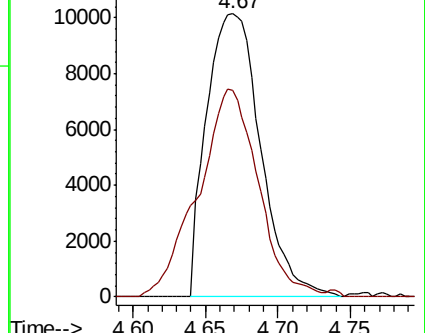
83 100

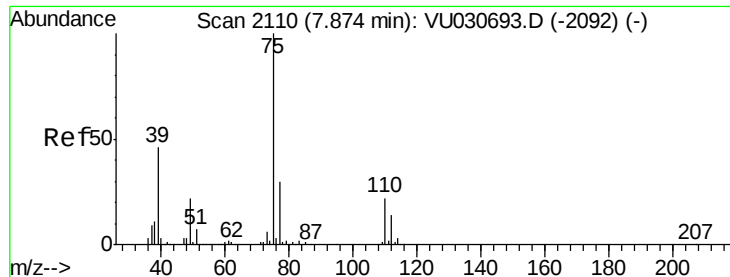
85 73.1 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VU030708.D (-1019) (-)

Ion 85.00 (84.70 to 85.70): VU030708.D (-1019) (-)

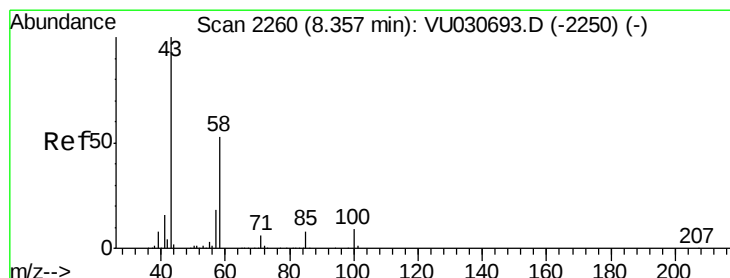
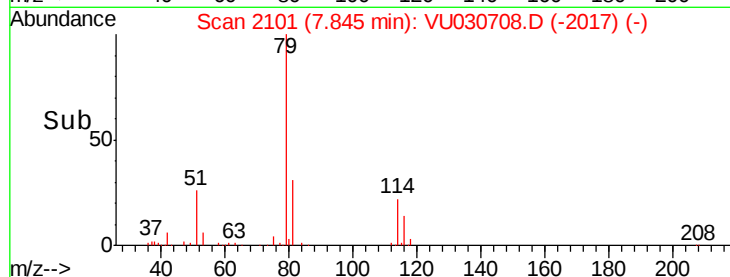
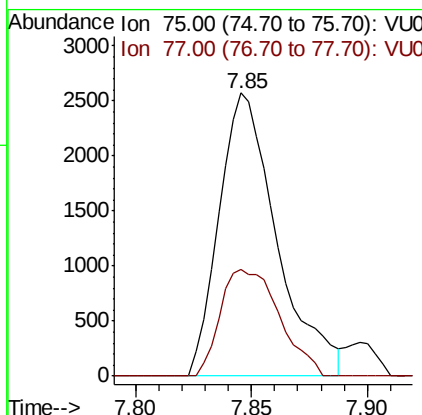
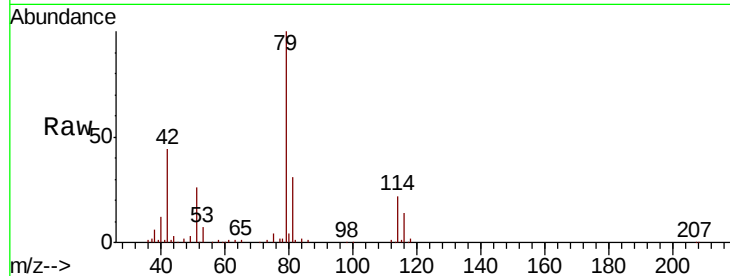




#44
trans-1,3-Dichloropropene
Concen: 0.762 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030708.D
Acq: 05 Apr 2019 01:08

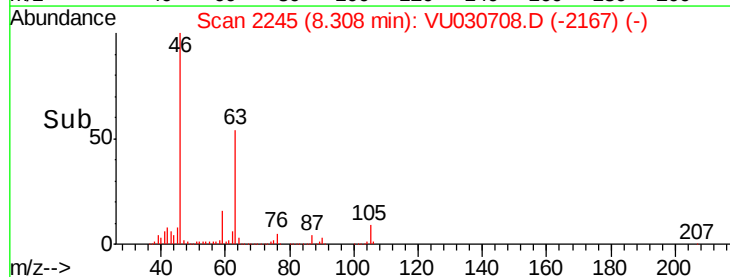
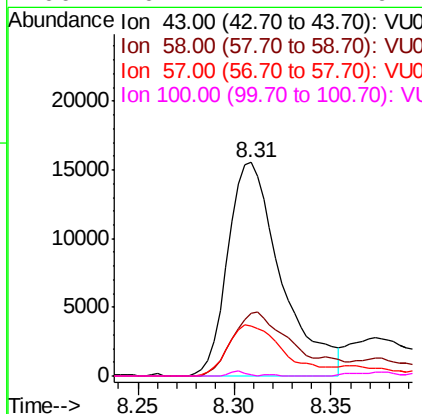
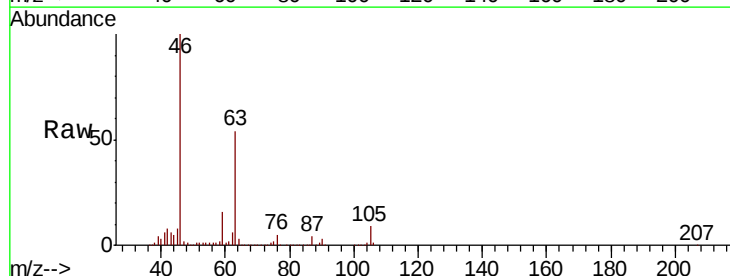
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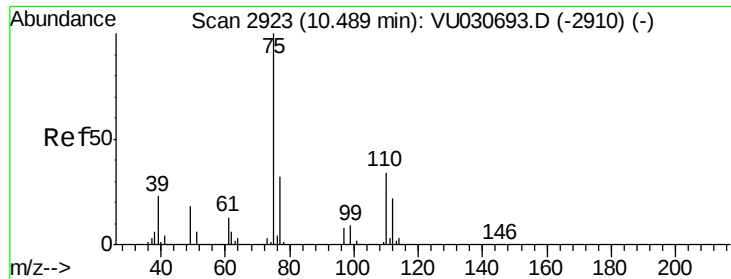
Tot Ion: 75 Resp: 4448
Ion Ratio Lower Upper
75 100
77 37.6 21.6 40.0



#48
2-Hexanone
Concen: 5.106 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030708.D
Acq: 05 Apr 2019 01:08

Tgt Ion: 43 Resp: 29827
Ion Ratio Lower Upper
43 100
58 30.7 41.9 62.9#
57 24.7 14.3 21.5#
100 0.7 7.1 10.7#





#59

1,2,3-Trichloropropane

Concen: 5.217 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030708.D

Acq: 05 Apr 2019 01:08

Instrument :

MSVOA_U

ClientSampleId :

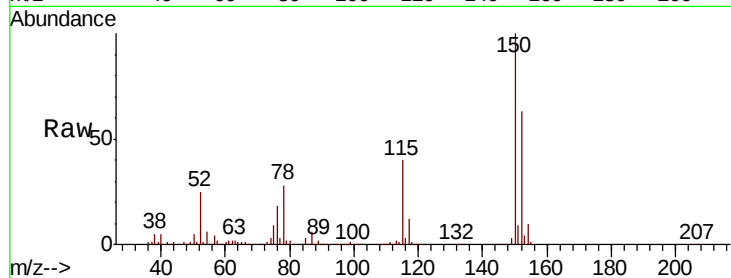
BF634

Tot Ion: 75 Resp: 29096

Ion Ratio Lower Upper

75 100

77 37.7 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

