

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031026.D
 Acq On : 10 Apr 2019 21:06
 Operator : JC/SP
 Sample : K2327-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Apr 11 05:24:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:17:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	447310	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	446033	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	183050	50.00	ug/L	0.00

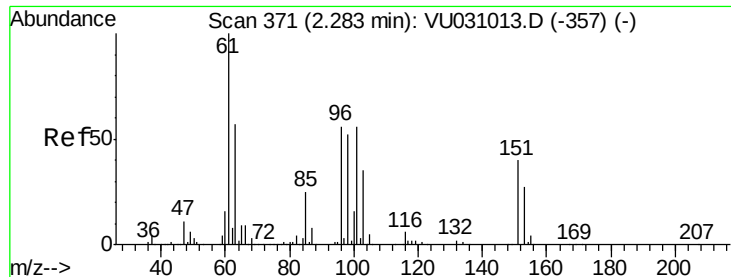
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	184995	46.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.66%
7) Chloroethane-d5	1.68	69	155603	51.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.68%
11) 1,1-Dichloroethene-d2	2.27	63	272667	37.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.50%
21) 2-Butanone-d5	4.17	46	331783	104.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.84%
24) Chloroform-d	4.64	84	317891	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
26) 1,2-Dichloroethane-d4	5.31	65	225332	54.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.28%
32) Benzene-d6	5.34	84	634719	48.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.50%
36) 1,2-Dichloropropane-d6	6.32	67	220914	49.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.02%
41) Toluene-d8	7.56	98	540113	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.85	79	92546	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.31	63	195494	95.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	309610	51.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.88%
64) 1,2-Dichlorobenzene-d4	11.86	152	196541	54.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2573	0.803 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1950	0.631 ug/L #	1
25) Chloroform	4.67	83	18424	2.706 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	3712	0.716 ug/L #	72
48) 2-Hexanone	8.36	43	11276	2.175 ug/L #	78
59) 1,2,3-Trichloropropane	11.48	75	21621	4.368 ug/L	89

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



#10

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

Concen: 0.803 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

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VHBLK02

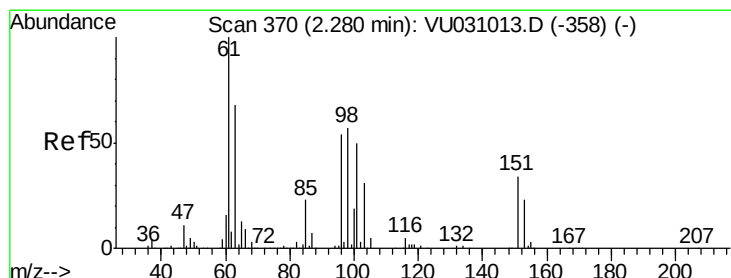
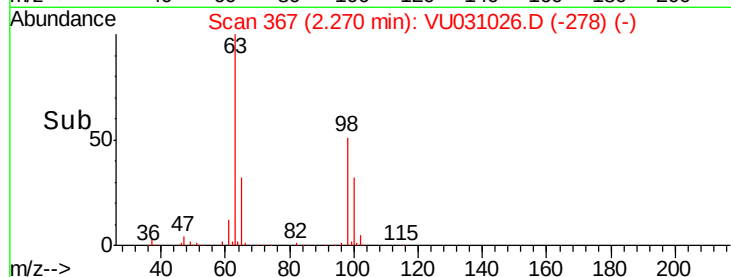
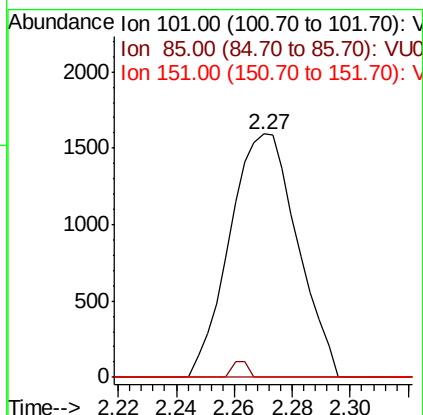
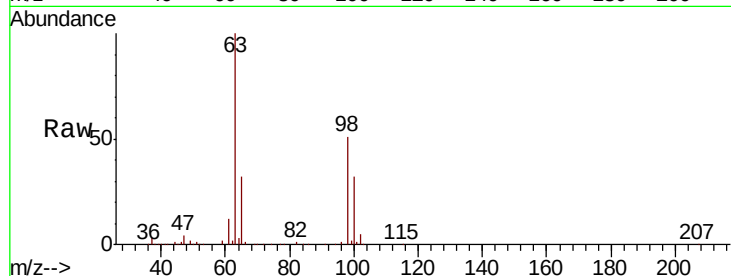
Tot Ion:101 Resp: 2573

Ion Ratio Lower Upper

101 100

85 1.6 36.8 55.2#

151 0.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 0.631 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031026.D

Acq: 10 Apr 2019 21:06

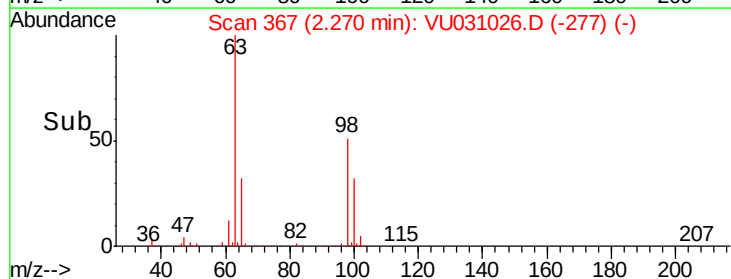
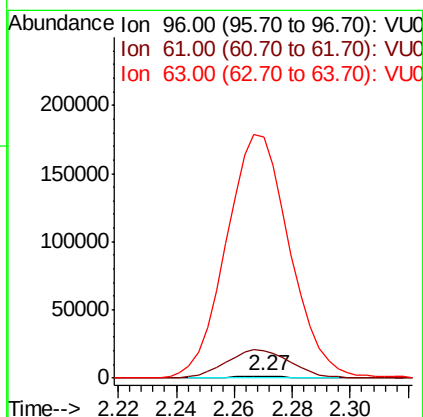
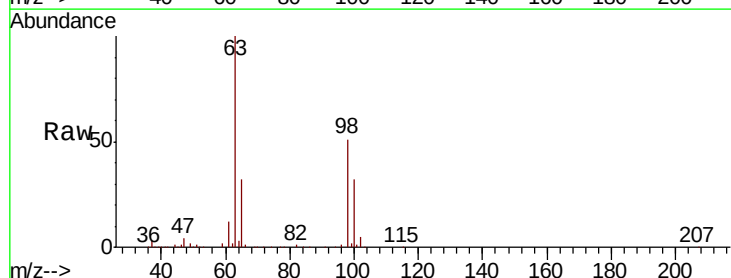
Tgt Ion: 96 Resp: 1950

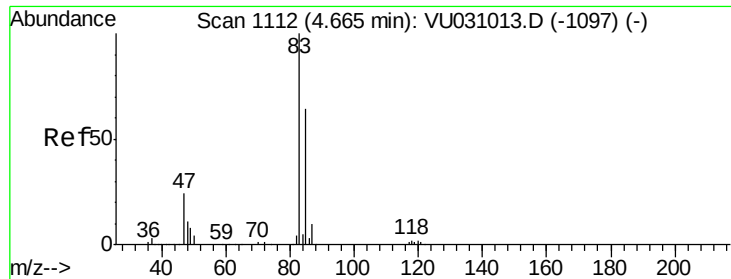
Ion Ratio Lower Upper

96 100

61 1626.2 132.0 245.2#

63 14065.7 90.9 168.9#

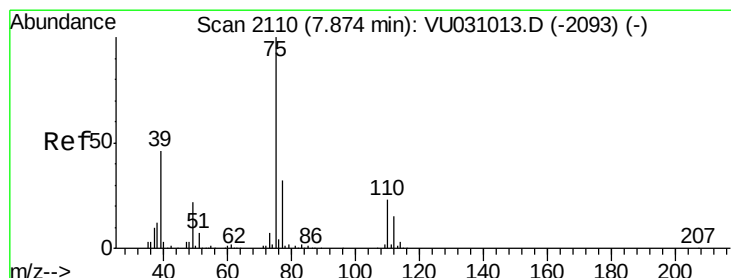
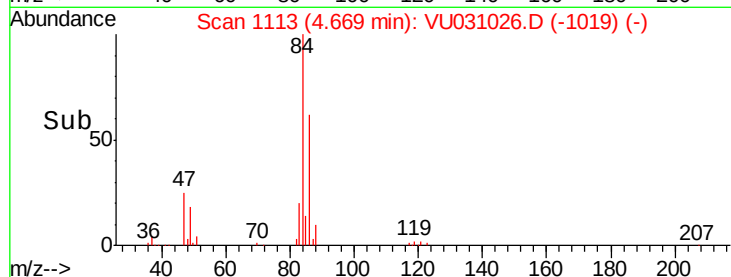
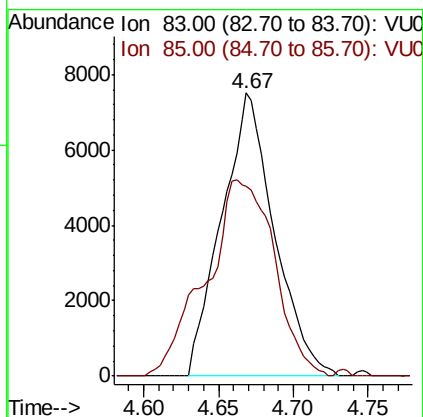
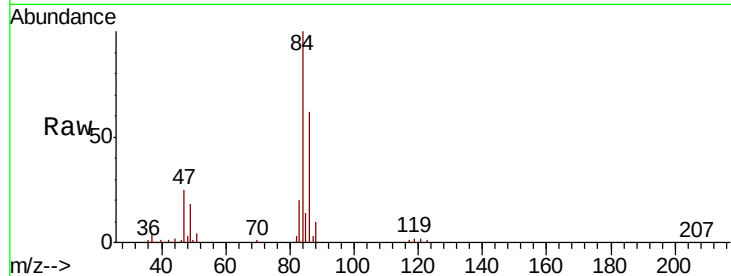




#25
Chloroform
Concen: 2.706 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031026.D
Acq: 10 Apr 2019 21:06

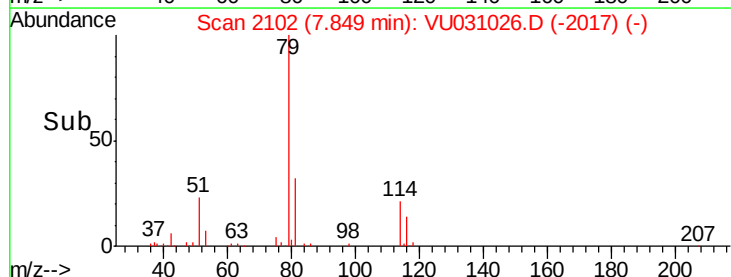
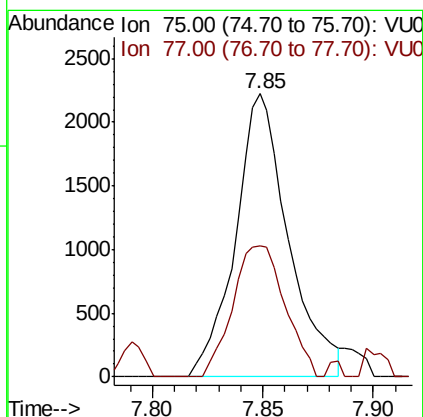
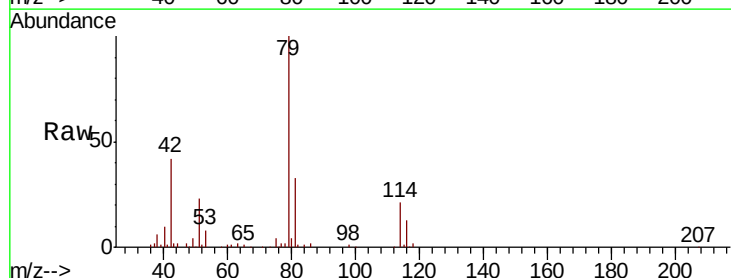
Instrument :
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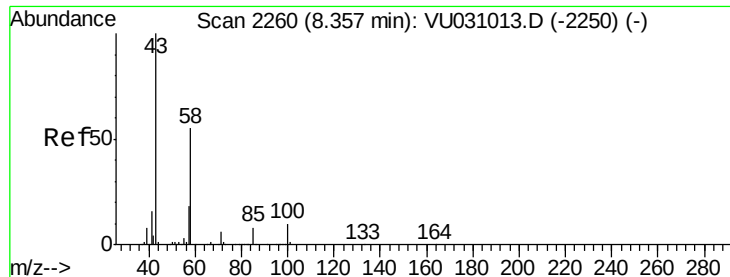
Tot Ion: 83 Resp: 18424
Ion Ratio Lower Upper
83 100
85 67.1 45.8 85.0



#44
trans-1,3-Dichloropropene
Concen: 0.716 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU031026.D
Acq: 10 Apr 2019 21:06

Tgt Ion: 75 Resp: 3712
Ion Ratio Lower Upper
75 100
77 46.3 21.6 40.0#

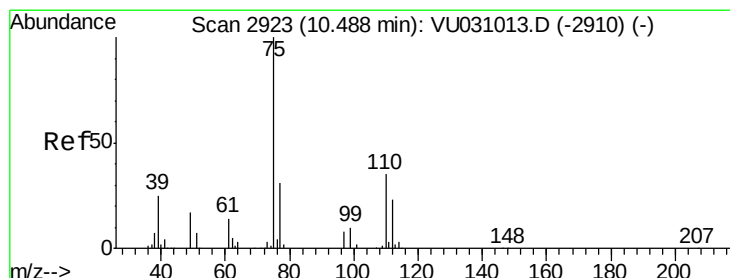
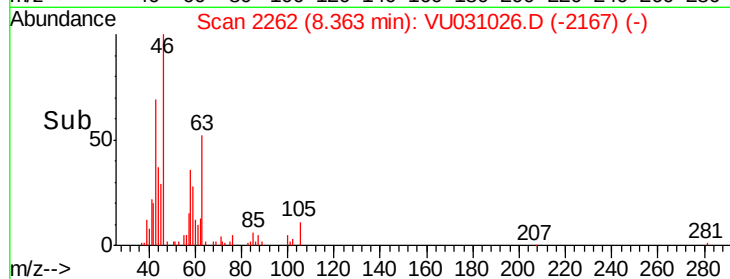
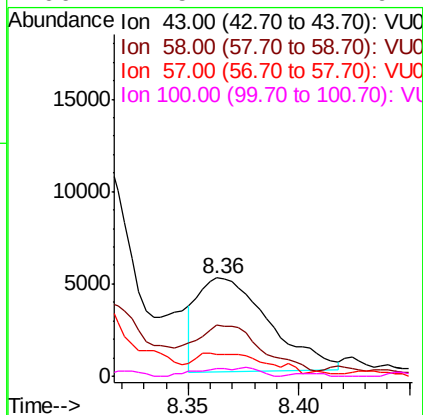
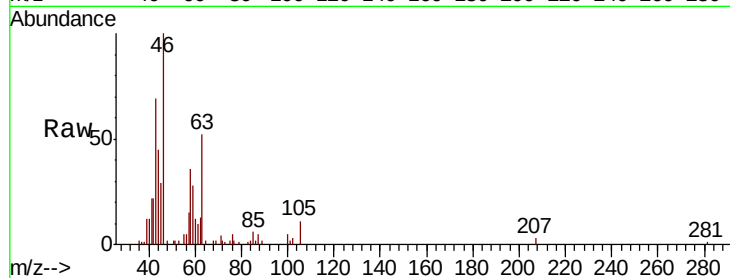




#48
2-Hexanone
Concen: 2.175 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU031026.D
Acq: 10 Apr 2019 21:06

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tot Ion: 43 Resp: 11276
Ion Ratio Lower Upper
43 100
58 38.3 41.9 62.9#
57 4.5 14.3 21.5#
100 2.5 7.1 10.7#



#59
1,2,3-Trichloropropane
Concen: 4.368 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031026.D
Acq: 10 Apr 2019 21:06

Tgt Ion: 75 Resp: 21621
Ion Ratio Lower Upper
75 100
77 38.9 26.1 39.1

