

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040419\
 Data File : VU030662.D
 Acq On : 04 Apr 2019 05:22
 Operator : JC/SP
 Sample : K2246-01
 Misc : 5.91g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 08:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 07:55:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	568090	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	549514	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	258856	50.00	ug/L	0.00

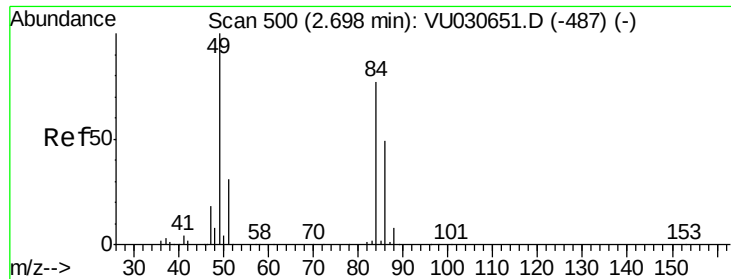
System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	163302	35.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.44%
7) Chloroethane-d5	1.71	69	483	0.13	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.26%#
11) 1,1-Dichloroethene-d2	2.24	63	255879	29.50	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.00%#
21) 2-Butanone-d5	4.19	46	316794	73.71	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.71%
24) Chloroform-d	4.64	84	283739	36.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.04%
26) 1,2-Dichloroethane-d4	5.30	65	204502	39.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.34%
32) Benzene-d6	5.33	84	648648	41.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.32%
36) 1,2-Dichloropropane-d6	6.32	67	225241	41.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.56%
41) Toluene-d8	7.56	98	561170	39.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.30%#
43) trans-1,3-Dichloropropene-	7.85	79	94218	37.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.32%
47) 2-Hexanone-d5	8.32	63	239466	81.96	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	326126	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	214633	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%

Target Compounds

					Ovalue
16) Methylene chloride	2.68	84	3325	0.694 ug/L	78
25) Chloroform	4.67	83	16042	1.929 ug/L	93
34) Trichloroethene	6.19	95	6514	1.417 ug/L	85
45) 1,1,2-Trichloroethane	8.22	97	1938	0.432 ug/L #	5
46) Tetrachloroethene	8.22	164	193359	60.201 ug/L	98
48) 2-Hexanone	8.32	43	27702	3.791 ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	32664	5.055 ug/L	90

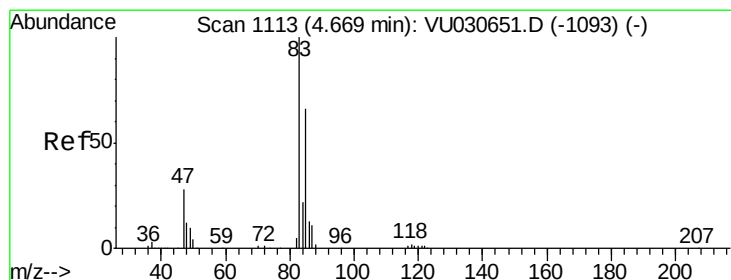
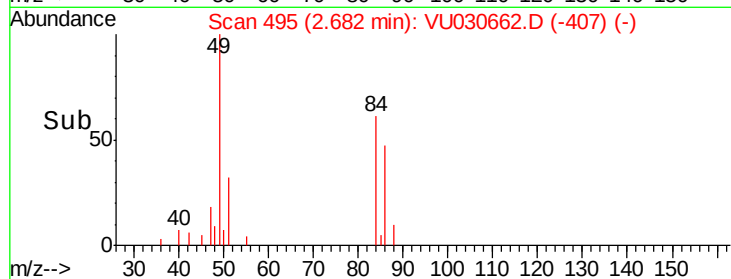
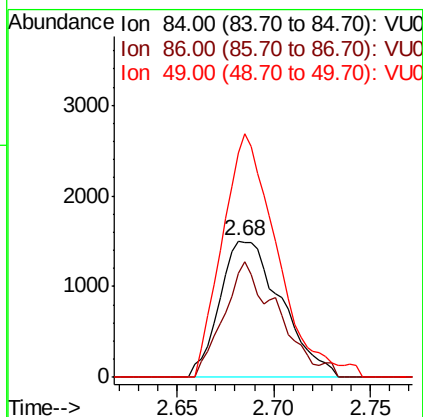
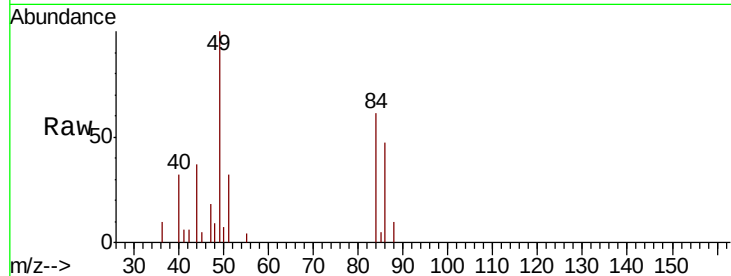
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Methylene chloride
Concen: 0.694 ug/L
RT: 2.68 min Scan# 495
Delta R.T. -0.02 min
Lab File: VU030662.D
Acq: 04 Apr 2019 05:22

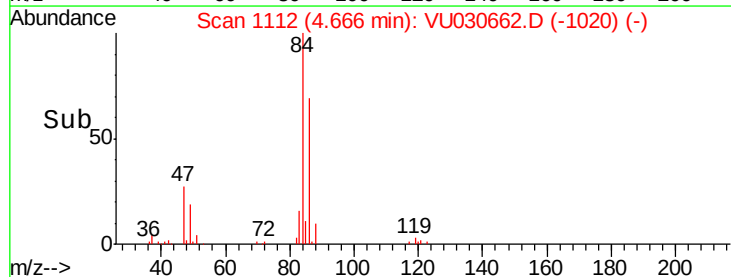
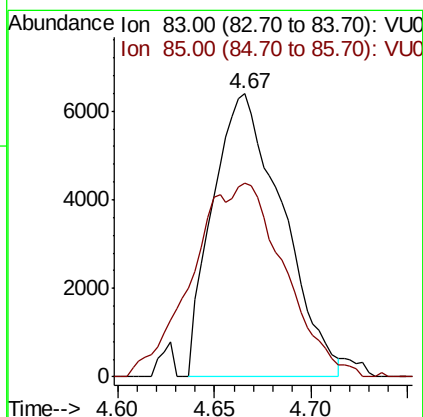
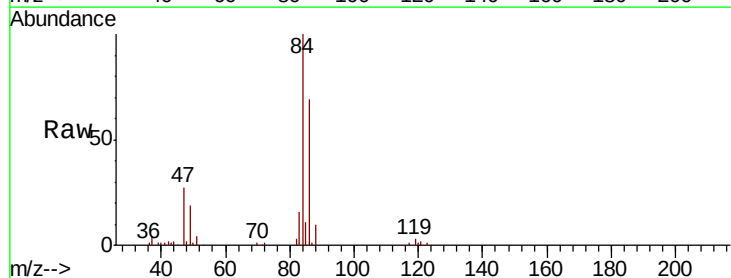
Instrument :
MSVOA_U
ClientSampled :

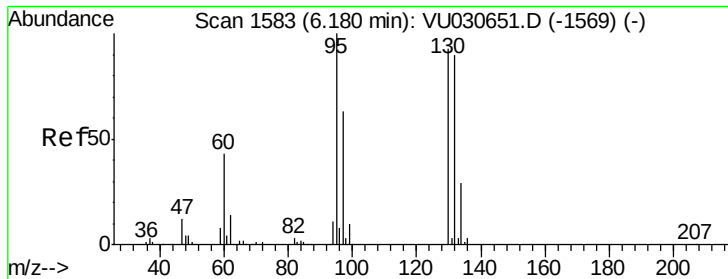
Tot Ion: 84 Resp: 3325
Ion Ratio Lower Upper
84 100
86 76.6 44.3 82.3
49 164.1 94.9 176.3



#25
Chloroform
Concen: 1.929 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU030662.D
Acq: 04 Apr 2019 05:22

Tgt Ion: 83 Resp: 16042
Ion Ratio Lower Upper
83 100
85 68.6 44.4 82.4





#34

Trichloroethene

Concen: 1.417 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU030662.D

Acq: 04 Apr 2019 05:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 6514

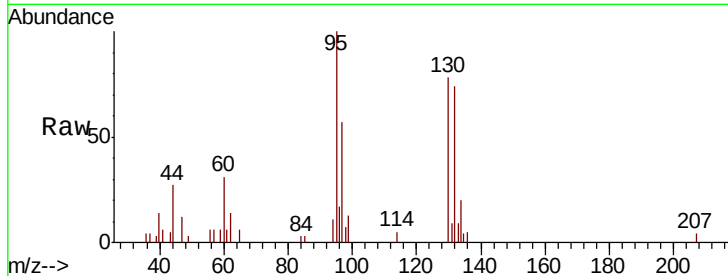
Ion Ratio Lower Upper

95 100

97 57.2 45.7 84.9

132 74.0 63.8 118.4

130 78.3 65.7 121.9

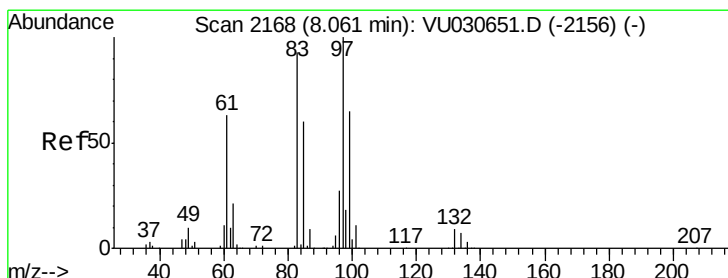
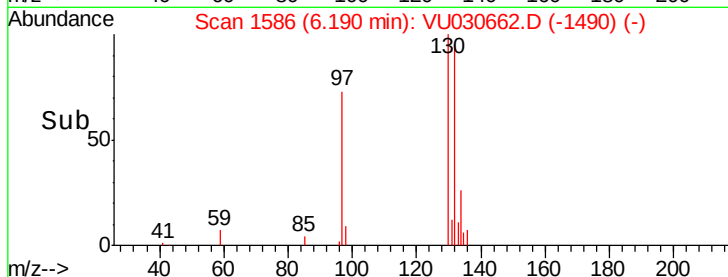
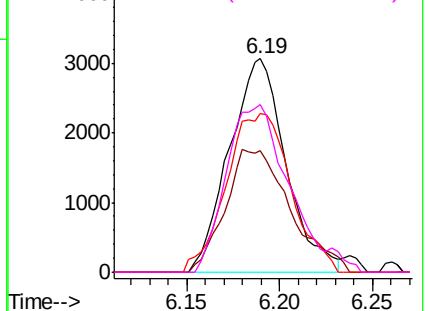


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

1,1,2-Trichloroethane

Concen: 0.432 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.16 min

Lab File: VU030662.D

Acq: 04 Apr 2019 05:22

Tgt Ion: 97 Resp: 1938

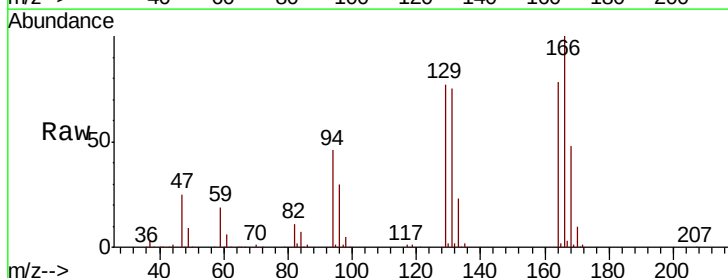
Ion Ratio Lower Upper

97 100

99 10.0 44.0 81.8#

83 244.4 65.3 121.3#

85 38.7 41.8 77.6#

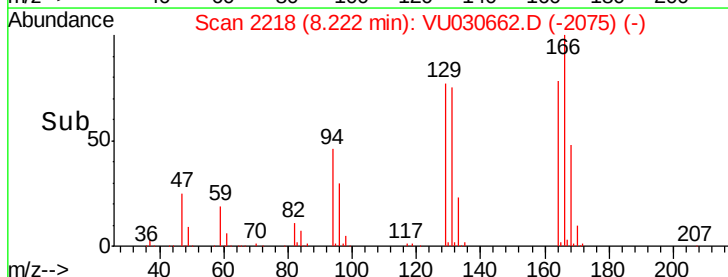
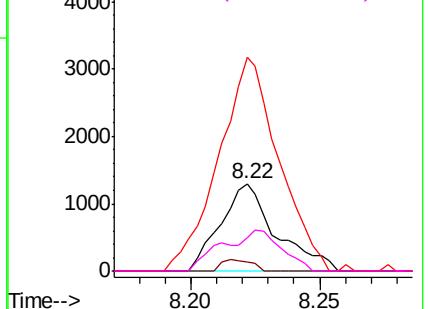


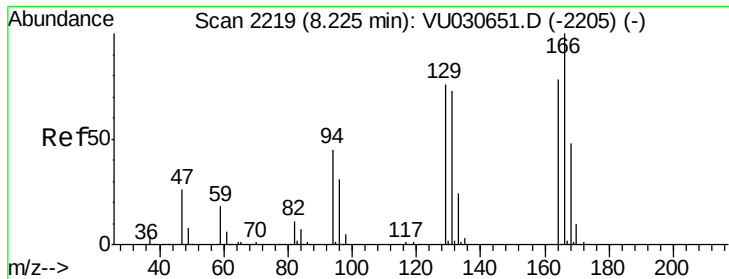
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

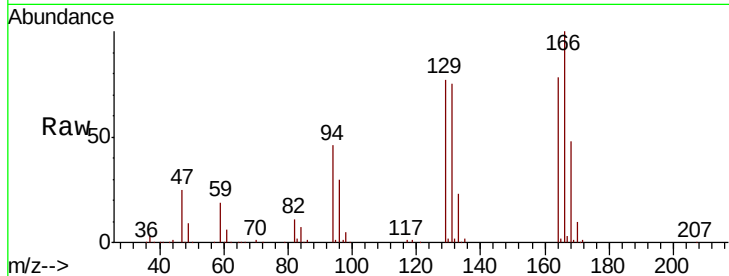




#46
Tetrachloroethene
Concen: 60.201 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU030662.D
Acq: 04 Apr 2019 05:22

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	164	Resp:	193359
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.1	126.5
131	96.5	67.7	125.7
166	128.1	92.4	171.6



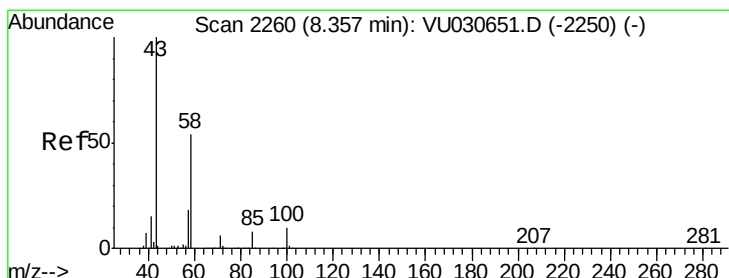
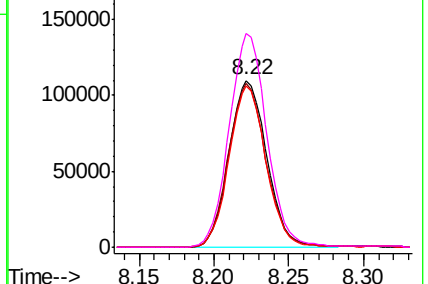
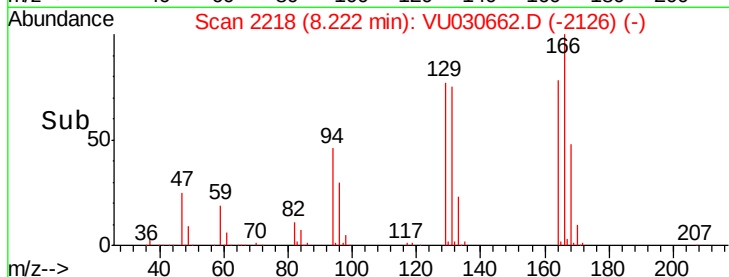
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

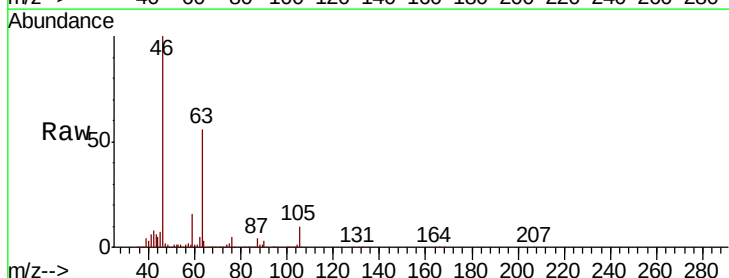
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 3.791 ug/L
RT: 8.32 min Scan# 2249
Delta R.T. -0.04 min
Lab File: VU030662.D
Acq: 04 Apr 2019 05:22

Tgt Ion:	43	Resp:	27702
Ion	Ratio	Lower	Upper
43	100		
58	24.9	42.5	63.7#
57	25.0	15.0	22.6#
100	0.4	7.4	11.2#



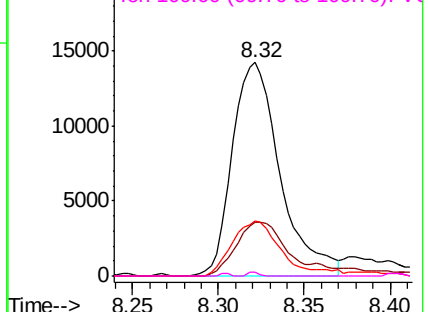
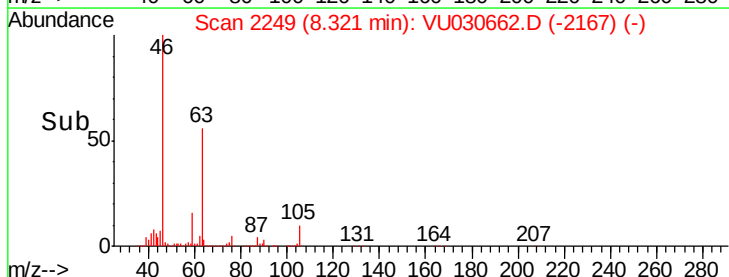
Abundance

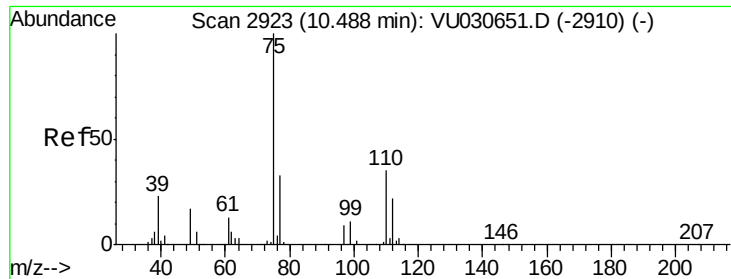
Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.055 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU030662.D

Acq: 04 Apr 2019 05:22

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 32664

Ion Ratio Lower Upper

75 100

77 37.2 25.4 38.2

