

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU051219\
 Data File : VU031948.D
 Acq On : 12 May 2019 17:15
 Operator : JC/SP
 Sample : K2791-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D51

Quant Time: May 24 23:56:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 13 07:00:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	478116	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	483563	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	179030	5.00	ug/L	0.00

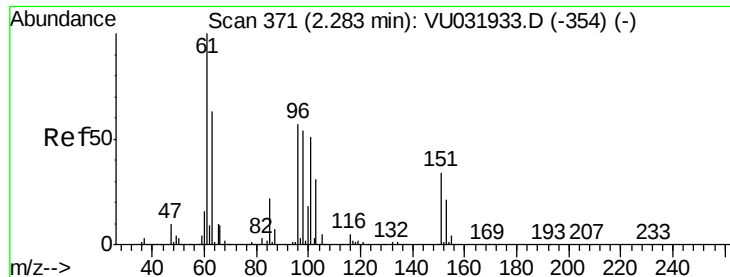
System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122115	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.68	69	122757	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.27	63	193880	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.21	46	535873	42.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.24%
24) Chloroform-d	4.64	84	276198	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	158971	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.33	84	518140	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.33	67	185691	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.56	98	389504	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	7.85	79	54600	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.31	63	367098	45.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	165560	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	148570	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.28	96	17492	0.538 ug/L #	1
13) Acetone	2.35	43	396323	45.611 ug/L	84
19) 1,1-Dichloroethane	3.44	63	52385	0.608 ug/L	95
22) cis-1,2-Dichloroethene	4.22	96	480898	11.430 ug/L	79
27) 1,2-Dichloroethane	5.41	62	9937	0.178 ug/L #	95
34) Trichloroethene	6.18	95	78566	1.848 ug/L	94
47) Tetrachloroethene	8.22	164	503601	18.219 ug/L	97

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



#12

1,1-Dichloroethene

Concen: 0.538 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

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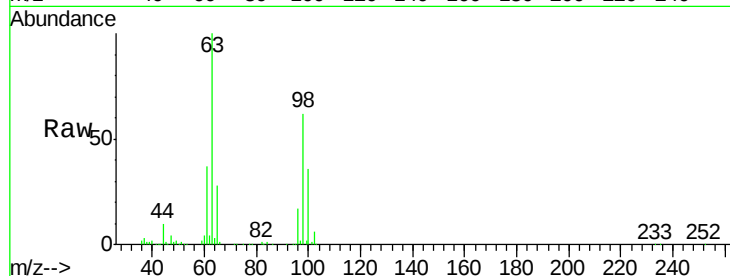
Tot Ion: 96 Resp: 17492

Ion Ratio Lower Upper

96 100

61 213.1 149.0 276.6

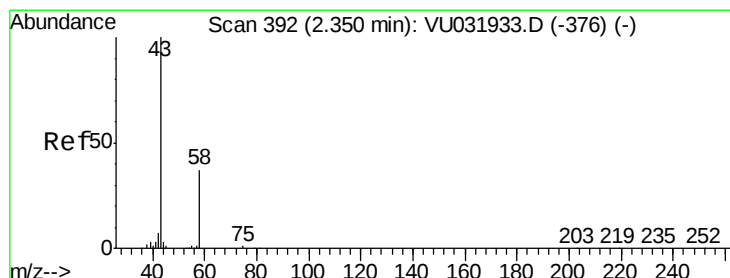
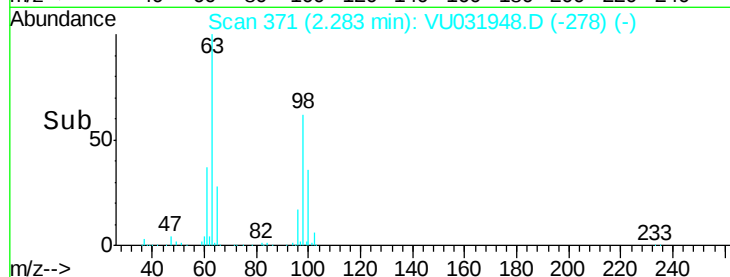
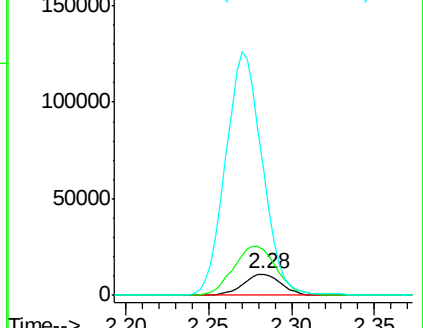
63 577.1 99.8 185.4#



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



#13

Acetone

Concen: 45.611 ug/L

RT: 2.35 min Scan# 392

Delta R.T. -0.00 min

Lab File: VU031948.D

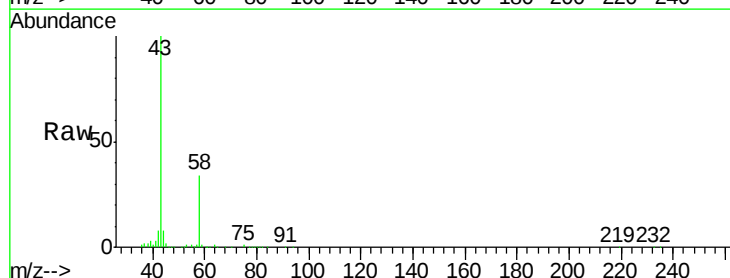
Acq: 12 May 2019 17:15

Tgt Ion: 43 Resp: 396323

Ion Ratio Lower Upper

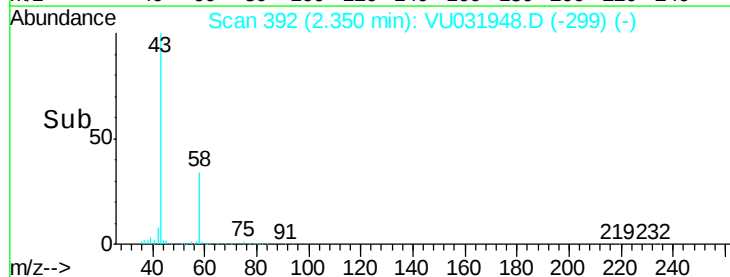
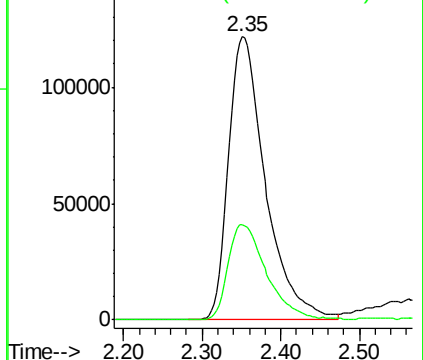
43 100

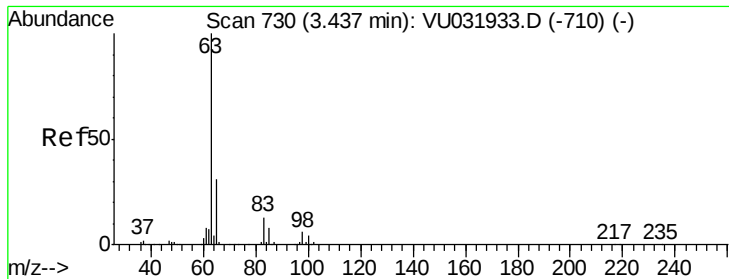
58 35.0 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

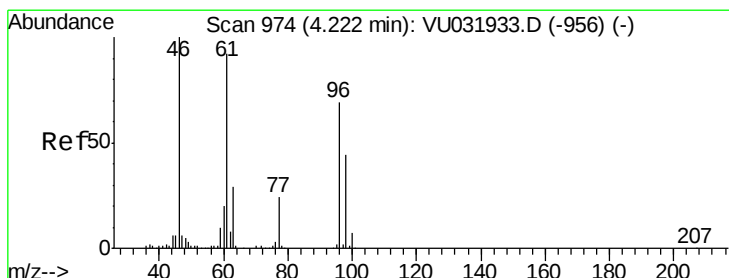
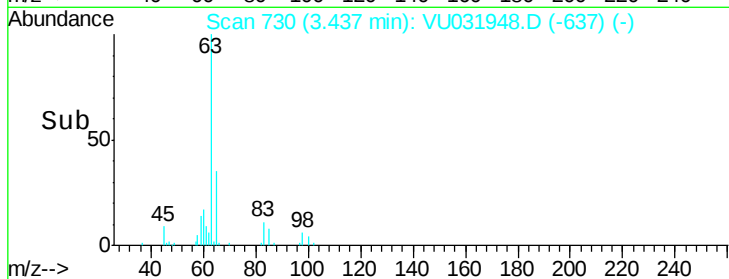
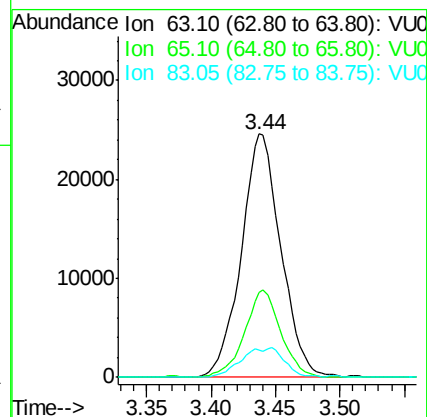
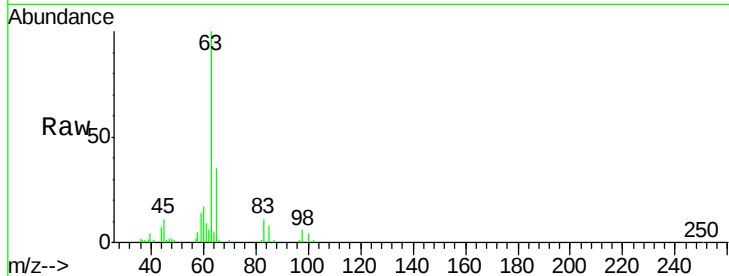




#19
 1,1-Dichloroethane
 Concen: 0.608 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031948.D
 Acq: 12 May 2019 17:15

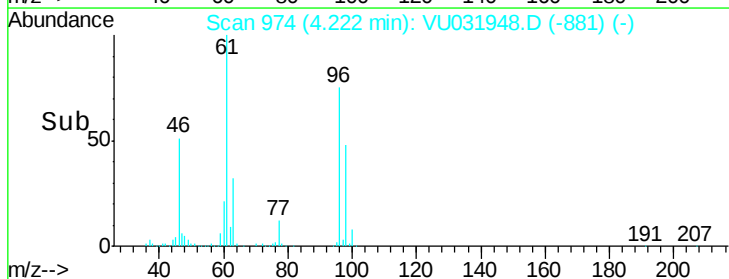
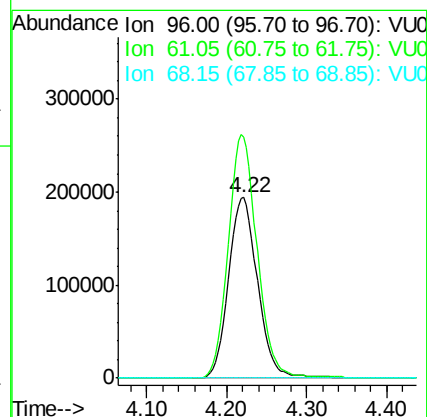
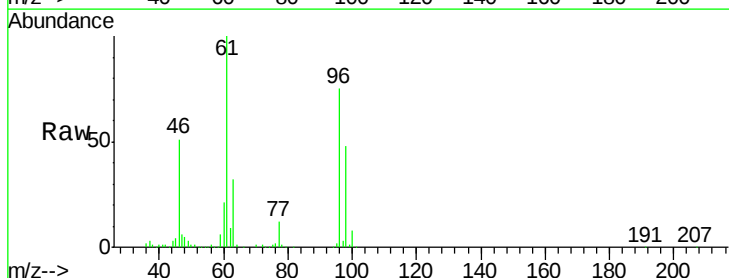
Instrument :
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 F9D51

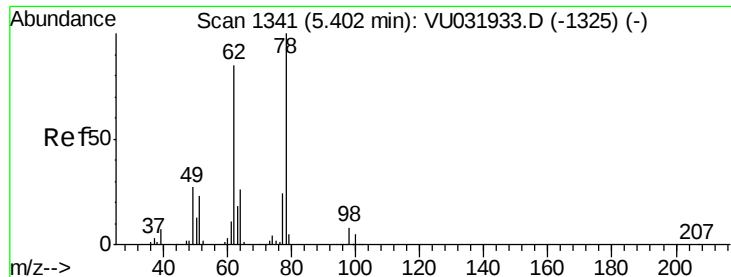
Tot Ion:	63	Resp:	52385
Ion	Ratio	Lower	Upper
63	100		
65	34.8	21.8	40.4
83	11.2	7.9	14.7



#22
 cis-1,2-Dichloroethene
 Concen: 11.430 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: VU031948.D
 Acq: 12 May 2019 17:15

Tgt Ion:	96	Resp:	480898
Ion	Ratio	Lower	Upper
96	100		
61	133.6	113.3	210.5
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.178 ug/L

RT: 5.41 min Scan# 1344

Delta R.T. 0.01 min

Lab File: VU031948.D

Acq: 12 May 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

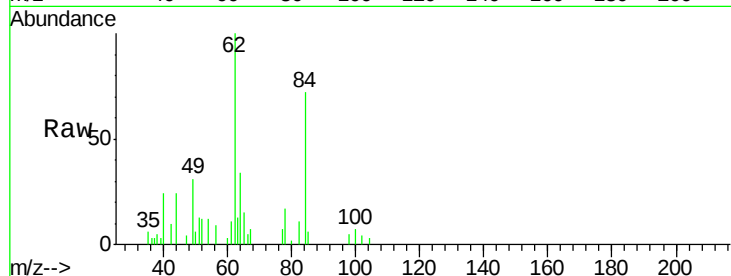
F9D51

Tot Ion: 62 Resp: 9937

Ion Ratio Lower Upper

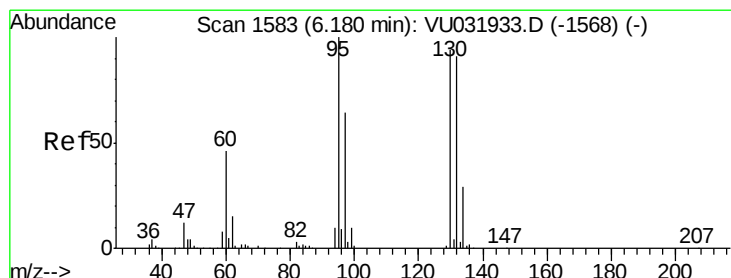
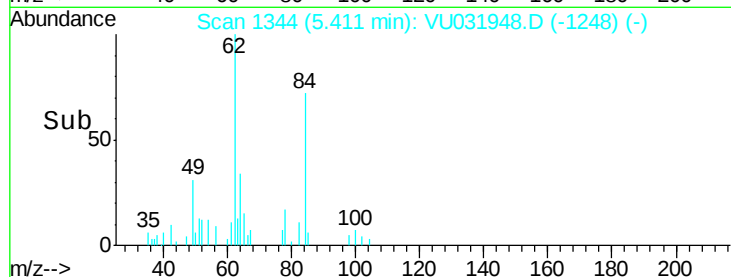
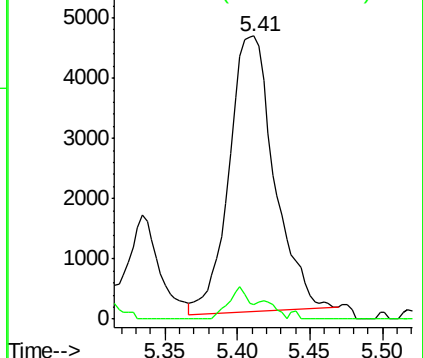
62 100

98 5.0 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU031933.D (-1325) (-)

Ion 98.05 (97.75 to 98.75): VU031933.D (-1325) (-)



#34

Trichloroethene

Concen: 1.848 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031948.D

Acq: 12 May 2019 17:15

Tgt Ion: 95 Resp: 78566

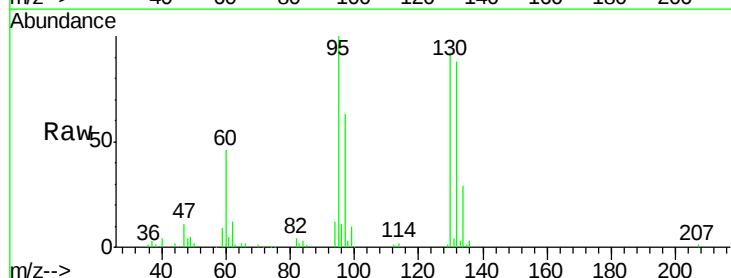
Ion Ratio Lower Upper

95 100

97 62.8 45.8 85.2

132 87.5 56.0 104.0

130 91.8 60.4 112.2

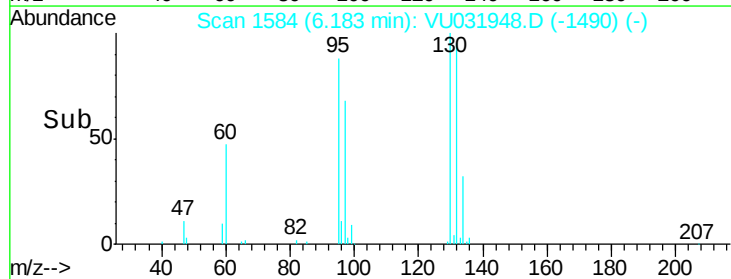
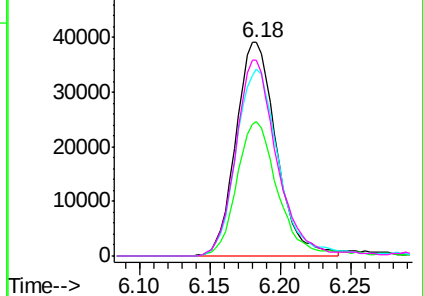


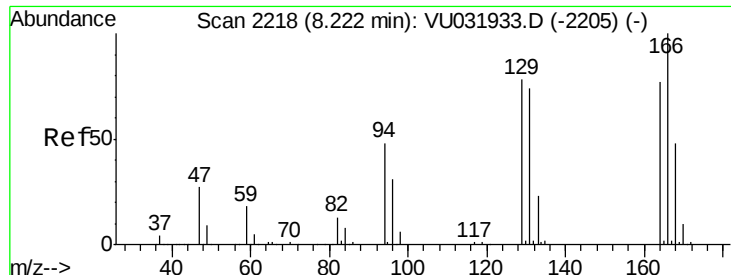
Abundance Ion 95.00 (94.70 to 95.70): VU031933.D (-1568) (-)

Ion 96.95 (96.65 to 97.65): VU031933.D (-1568) (-)

Ion 131.95 (131.65 to 132.65): VU031933.D (-1568) (-)

Ion 129.95 (129.65 to 130.65): VU031933.D (-1568) (-)





#47

Tetrachloroethene

Concen: 18.219 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031948.D

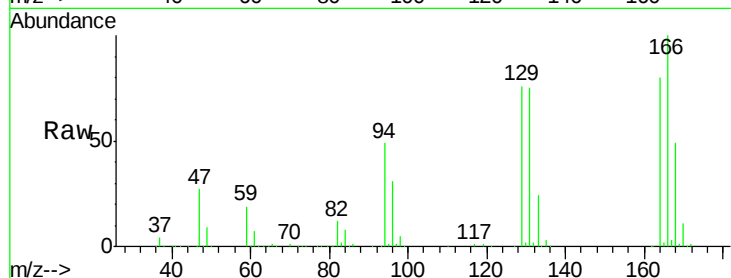
Acq: 12 May 2019 17:15

Instrument :

MSVOA_U

ClientSampleId :

F9D51



Tot Ion:164 Resp: 503601

Ion Ratio Lower Upper

164 100

129 94.3 70.3 130.5

131 94.1 65.4 121.4

166 124.8 86.0 159.8

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

