

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031949.D
 Acq On : 12 May 2019 17:40
 Operator : JC/SP
 Sample : K2791-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D52

Quant Time: May 23 06:03:45 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	451451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113067	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	116522	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	172796	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.21	46	522468	43.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.98%
24) Chloroform-d	4.64	84	262491	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.31	65	148259	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
32) Benzene-d6	5.33	84	485673	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.33	67	171361	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	356875	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	50822	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.31	63	361467	47.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160178	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	134964	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

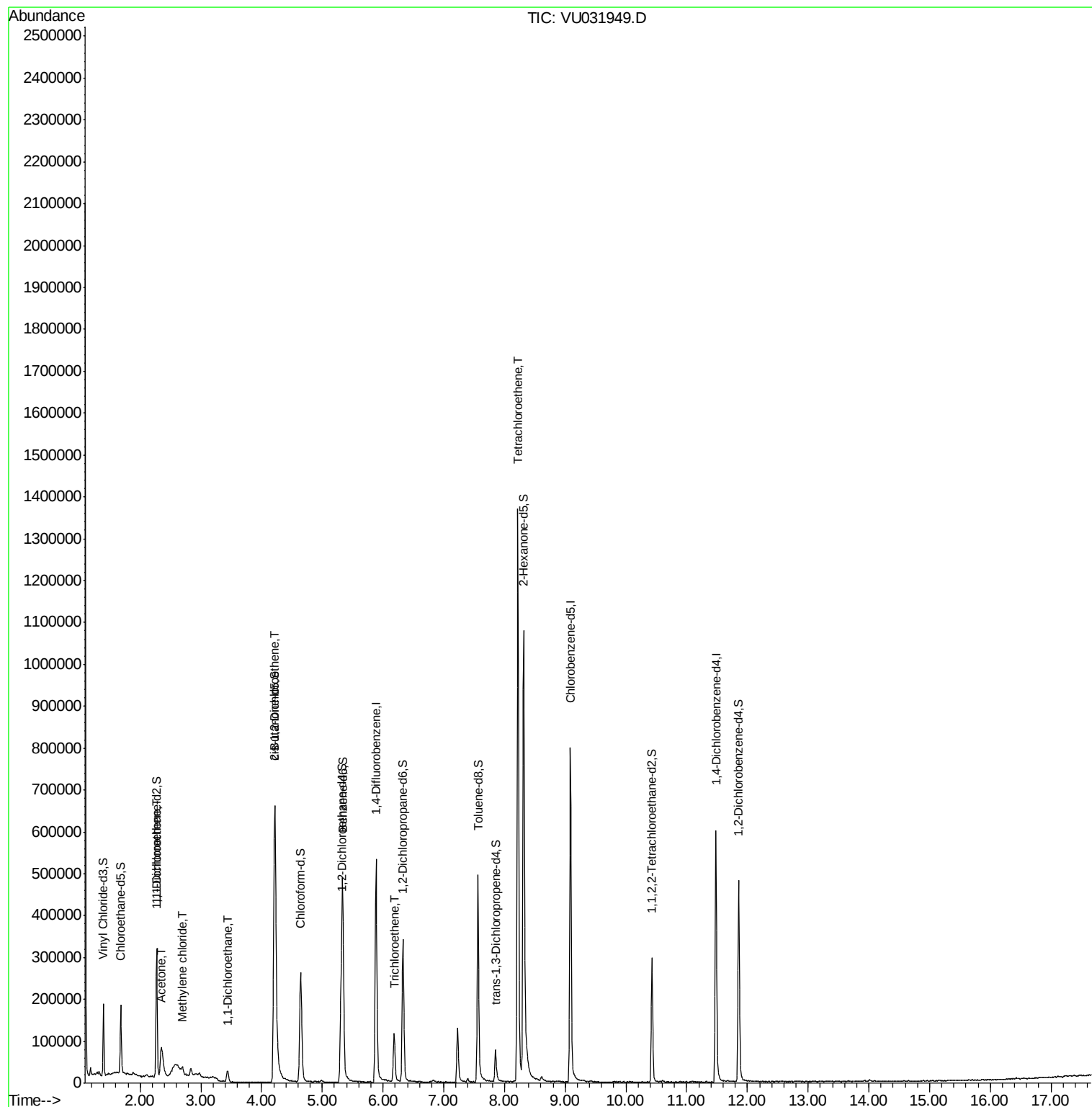
					Ovalue
12) 1,1-Dichloroethene	2.28	96	5953	0.194 ug/L #	1
13) Acetone	2.35	43	139324	16.981 ug/L	82
16) Methylene chloride	2.70	84	5255	0.123 ug/L	86
19) 1,1-Dichloroethane	3.44	63	29916	0.368 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	248461	6.254 ug/L	78
34) Trichloroethene	6.18	95	44289	1.104 ug/L	90
47) Tetrachloroethene	8.22	164	316700	12.141 ug/L	97

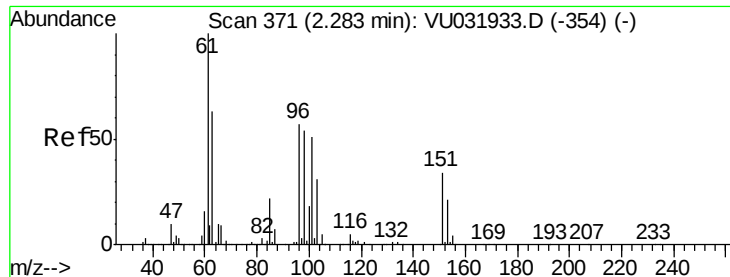
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

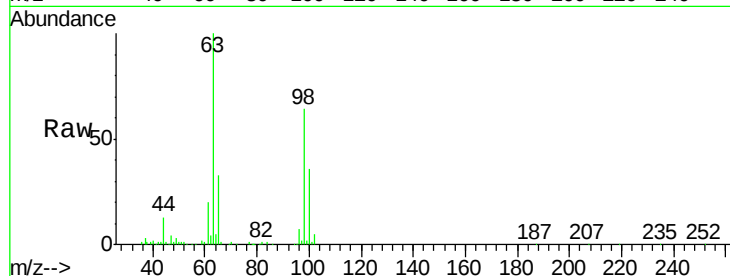
Tot Ion: 96 Resp: 5953

Ion Ratio Lower Upper

96 100

61 286.1 149.0 276.6#

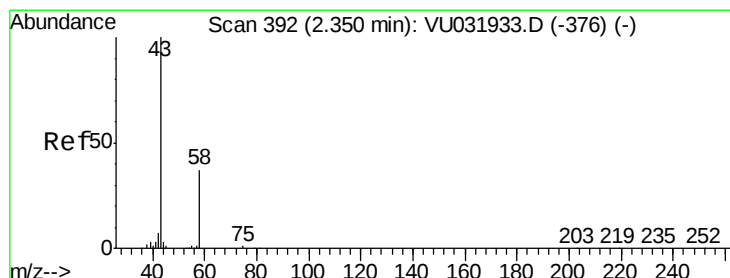
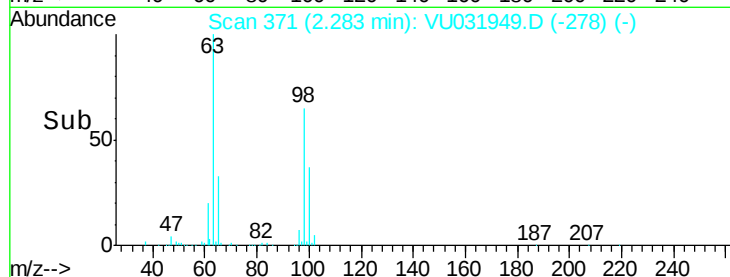
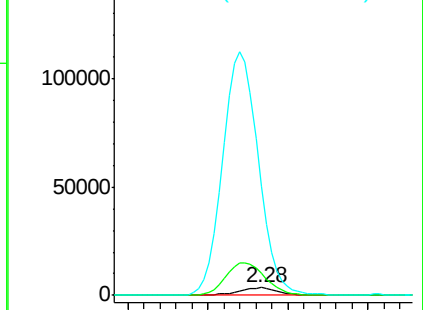
63 1446.6 99.8 185.4#



Abundance Ion 96.00 (95.70 to 96.70): VU031949.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU031949.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU031949.D (-278) (-)



#13

Acetone

Concen: 16.981 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU031949.D

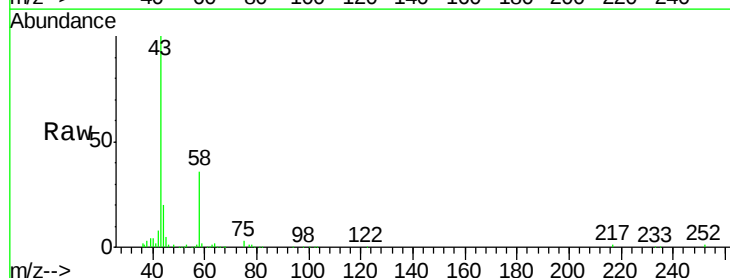
Acq: 12 May 2019 17:40

Tgt Ion: 43 Resp: 139324

Ion Ratio Lower Upper

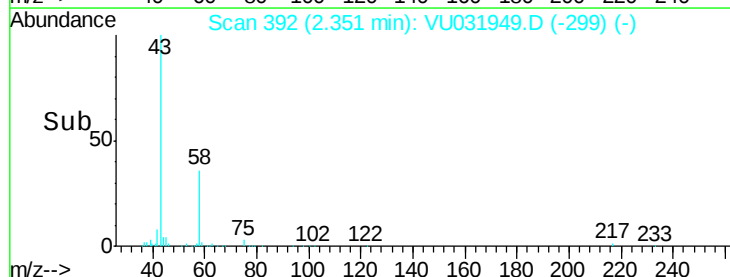
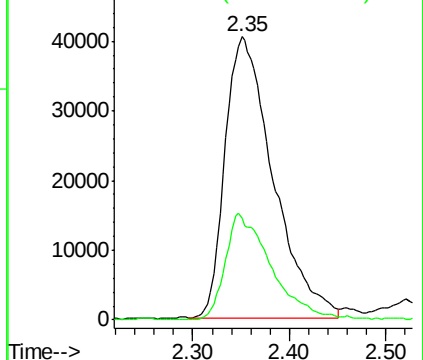
43 100

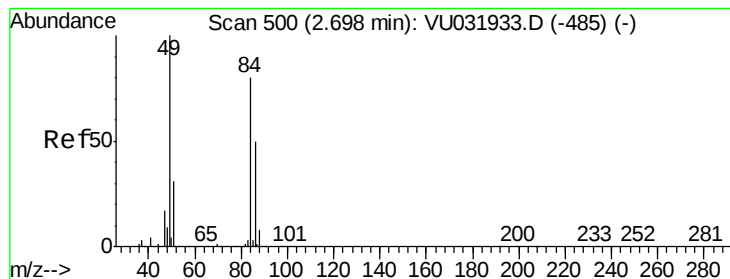
58 35.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031949.D (-299) (-)

Ion 58.05 (57.75 to 58.75): VU031949.D (-299) (-)





#16

Methvlene chloride

Concen: 0.123 ug/L

RT: 2.70 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

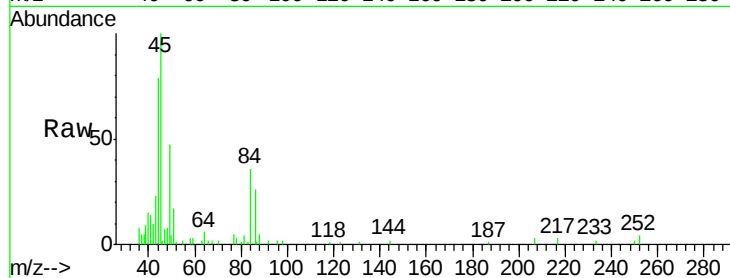
Tot Ion: 84 Resp: 5255

Ion Ratio Lower Upper

84 100

86 72.6 45.6 84.8

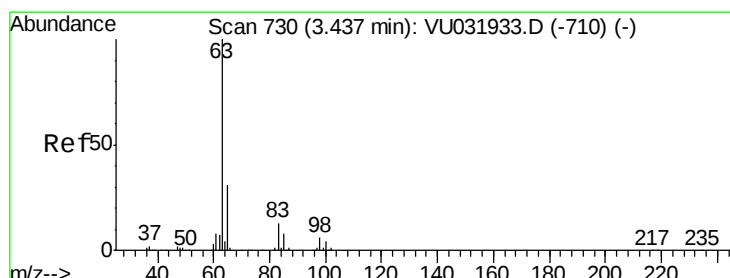
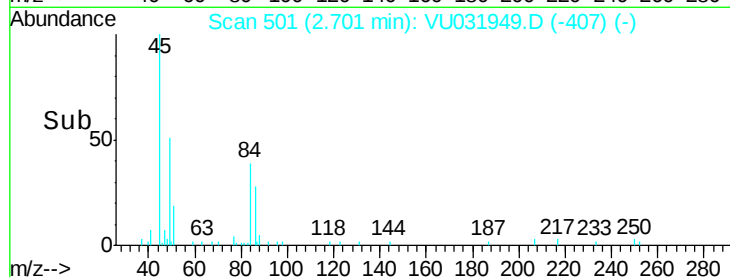
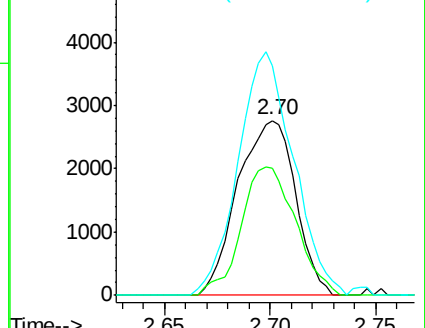
49 131.5 106.7 198.1



Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0



#19

1,1-Dichloroethane

Concen: 0.368 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

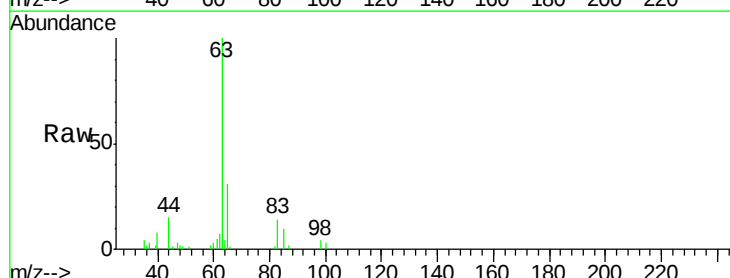
Tgt Ion: 63 Resp: 29916

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

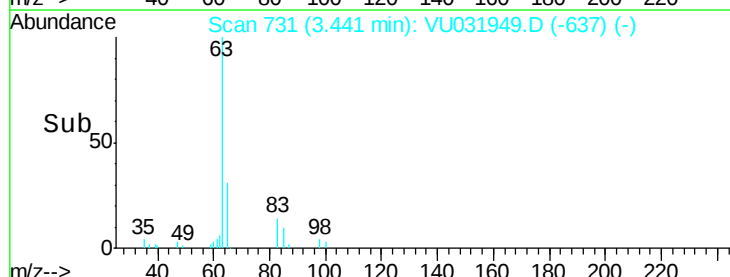
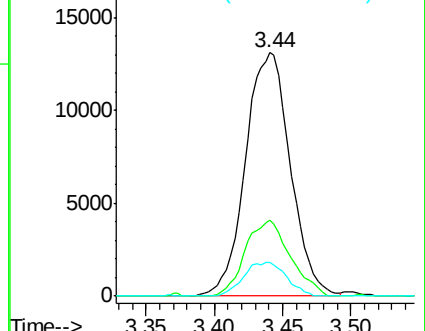
83 13.7 7.9 14.7

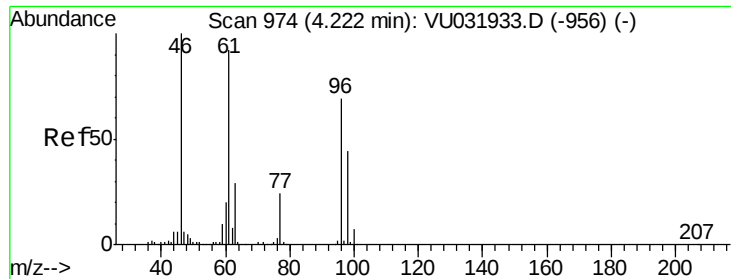


Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 65.10 (64.80 to 65.80): VU0

Ion 83.05 (82.75 to 83.75): VU0

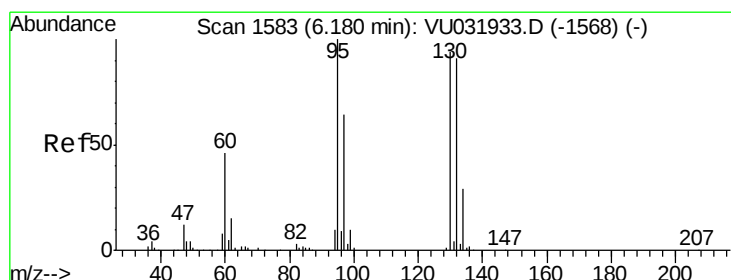
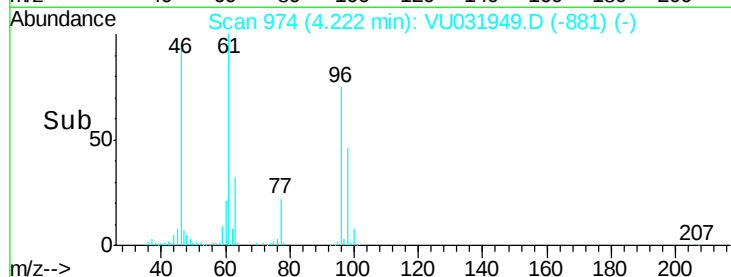
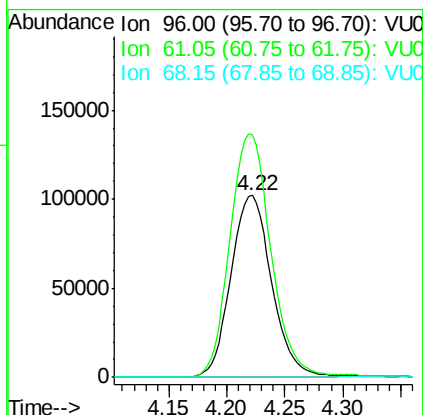
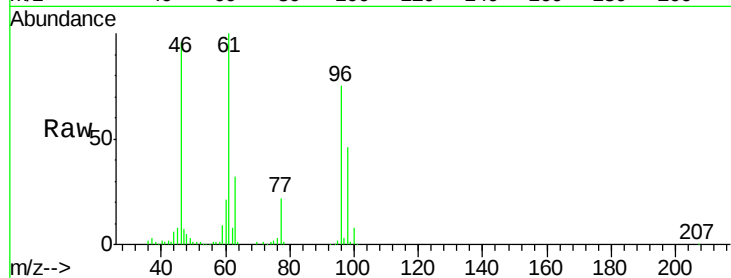




#22
 cis-1,2-Dichloroethene
 Concen: 6.254 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

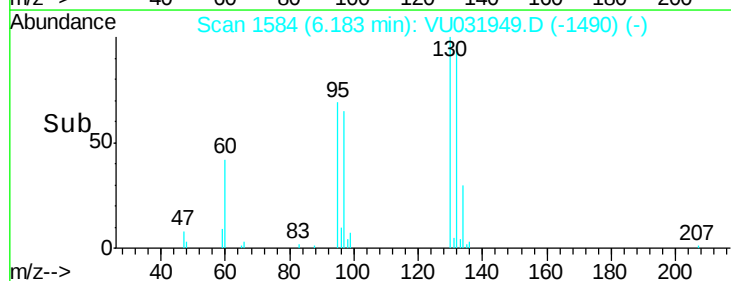
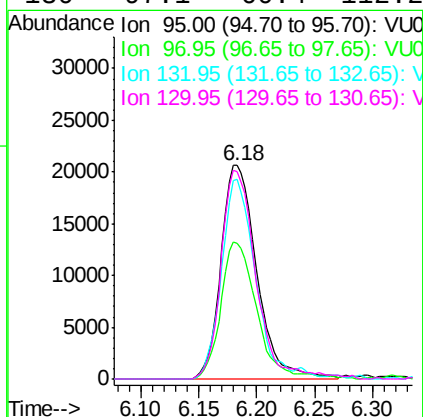
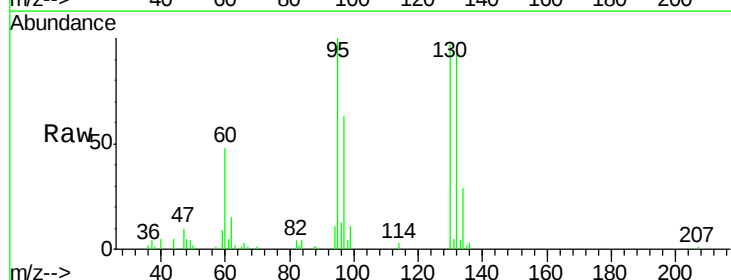
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 MSVOA_U
 ClientSampleId :
 F9D52

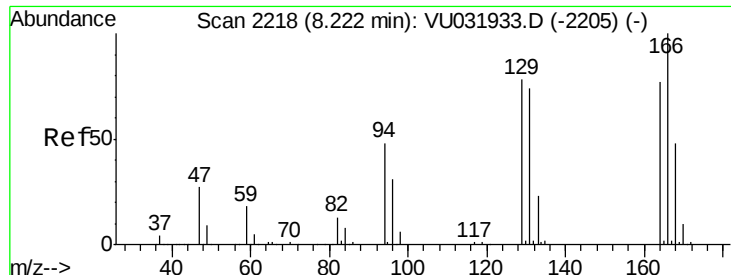
Tot Ion: 96 Resp: 248461
 Ion Ratio Lower Upper
 96 100
 61 133.2 113.3 210.5
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 1.104 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

Tgt Ion: 95 Resp: 44289
 Ion Ratio Lower Upper
 95 100
 97 63.5 45.8 85.2
 132 93.5 56.0 104.0
 130 97.1 60.4 112.2





#47

Tetrachloroethene

Concen: 12.141 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

Tot Ion:164 Resp: 316700

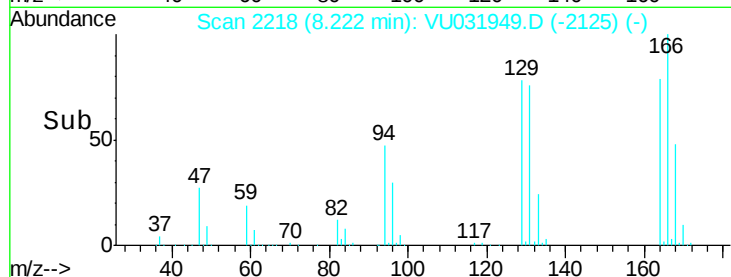
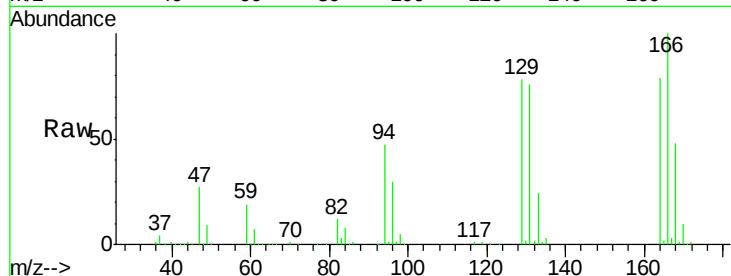
Ion Ratio Lower Upper

164 100

129 99.1 70.3 130.5

131 96.6 65.4 121.4

166 126.6 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

