

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051219\
 Data File : VU031952.D
 Acq On : 12 May 2019 18:54
 Operator : JC/SP
 Sample : K2791-16
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D55

Quant Time: May 13 07:49:05 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	484167	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	498283	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182914	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	121102	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.68	69	125659	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.27	63	196522	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.21	46	556302	43.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.36%
24) Chloroform-d	4.64	84	280957	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	159821	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
32) Benzene-d6	5.33	84	524778	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.33	67	186431	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.60%
41) Toluene-d8	7.56	98	388416	3.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.20%
43) trans-1,3-Dichloropropene-	7.85	79	55289	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	8.31	63	381775	45.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	168883	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	148739	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

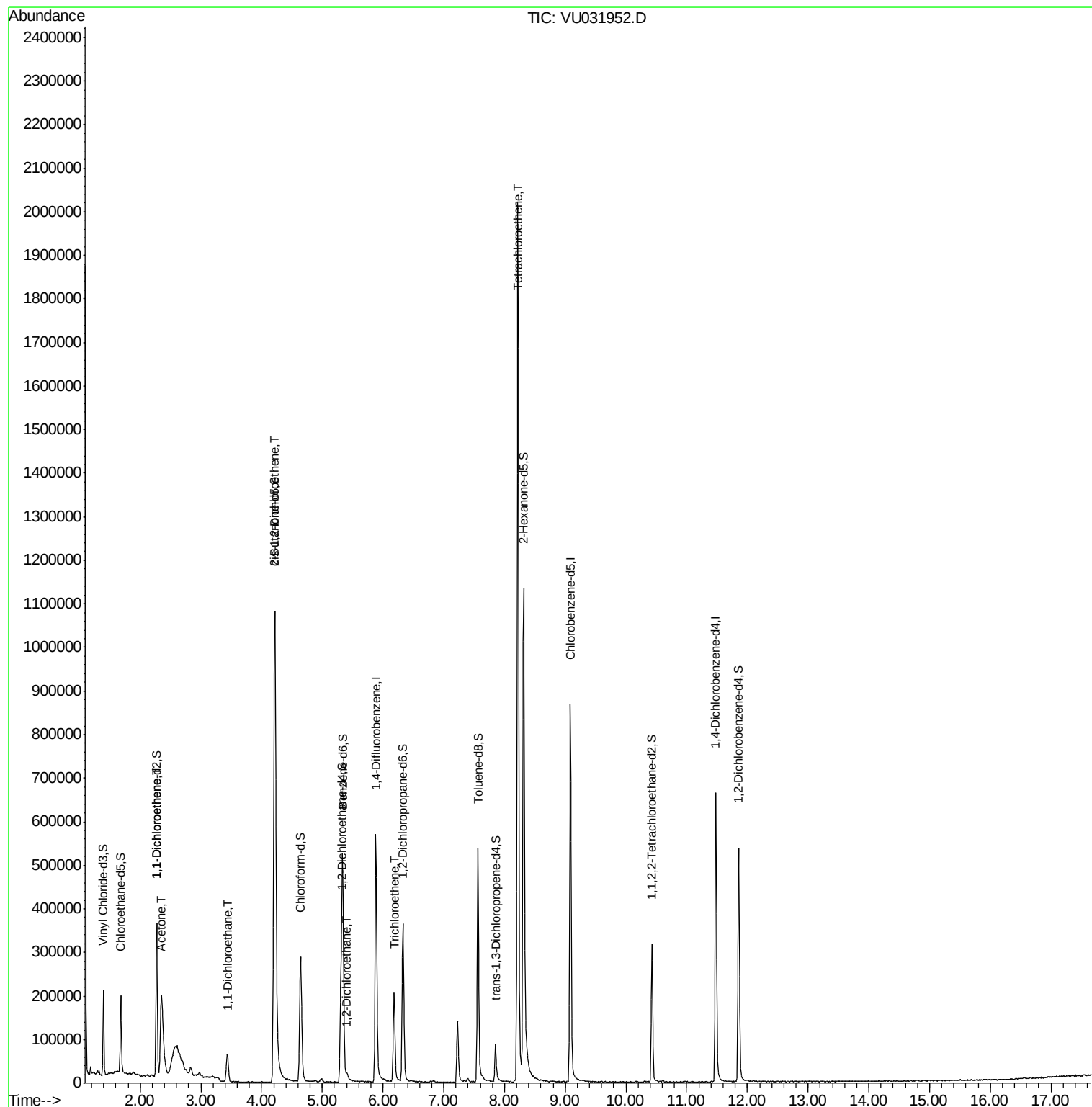
					Ovalue
12) 1,1-Dichloroethene	2.28	96	16621	0.505 ug/L #	1
13) Acetone	2.35	43	394349	44.817 ug/L	81
19) 1,1-Dichloroethane	3.44	63	51457	0.590 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	486934	11.429 ug/L	79
27) 1,2-Dichloroethane	5.41	62	10571	0.187 ug/L #	82
34) Trichloroethene	6.18	95	73938	1.688 ug/L	92
47) Tetrachloroethene	8.22	164	462791	16.248 ug/L	98

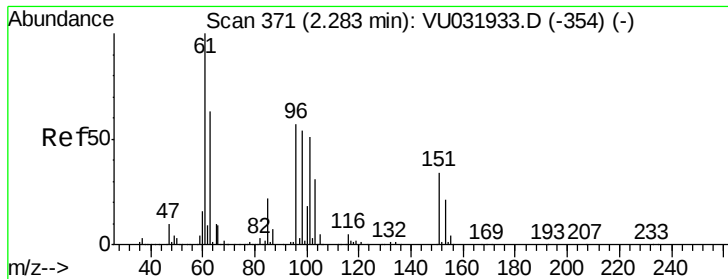
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.505 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

F9D55

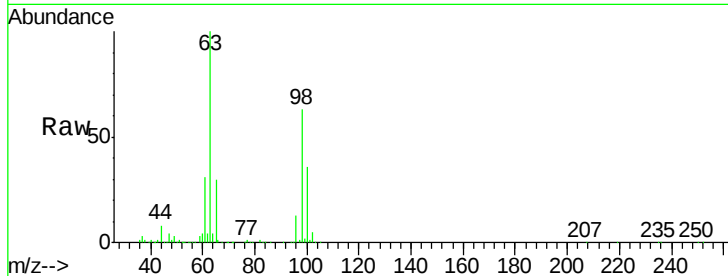
Tot Ion: 96 Resp: 16621

Ion Ratio Lower Upper

96 100

61 237.7 149.0 276.6

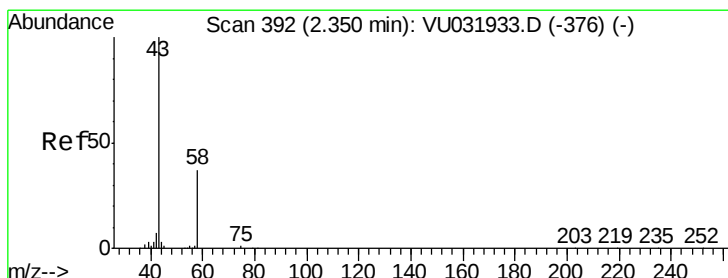
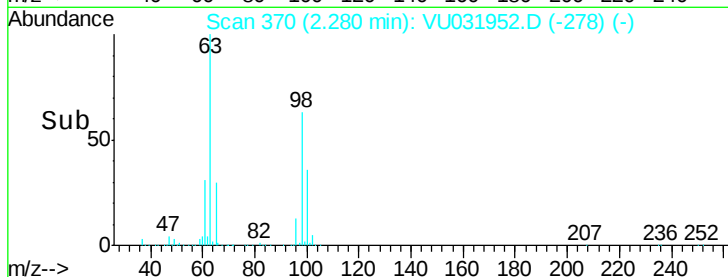
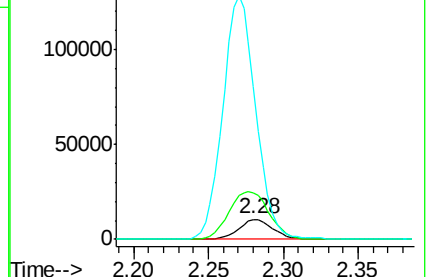
63 770.7 99.8 185.4#



Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-354) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-354) (-)

Ion 63.00 (62.70 to 63.70): VU031933.D (-354) (-)



#13

Acetone

Concen: 44.817 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU031952.D

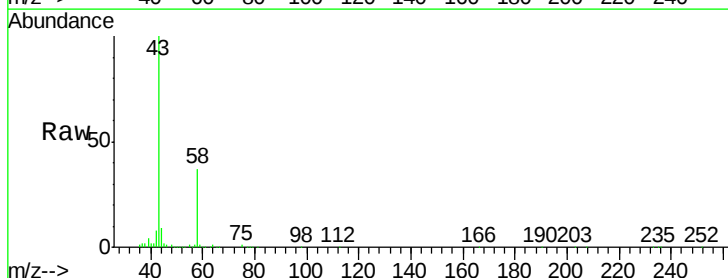
Acq: 12 May 2019 18:54

Tgt Ion: 43 Resp: 394349

Ion Ratio Lower Upper

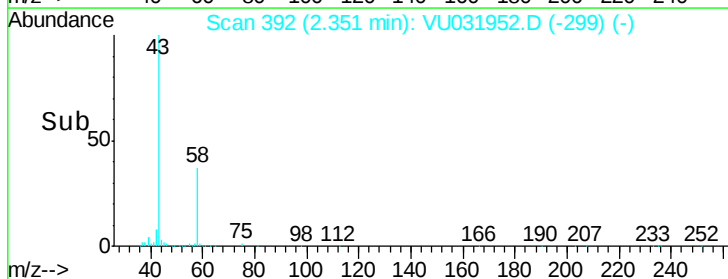
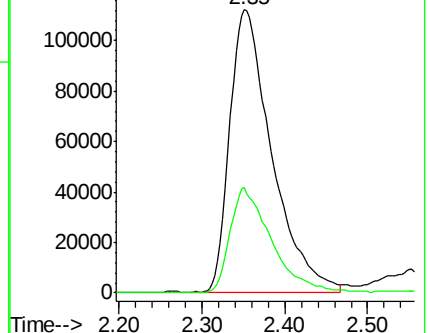
43 100

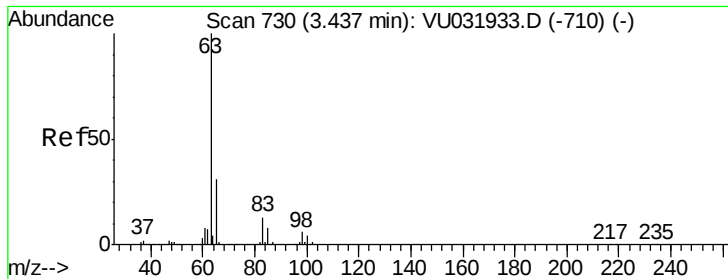
58 36.4 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031933.D (-376) (-)

Ion 58.05 (57.75 to 58.75): VU031933.D (-376) (-)

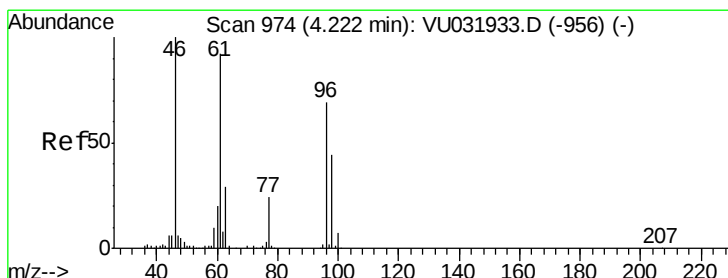
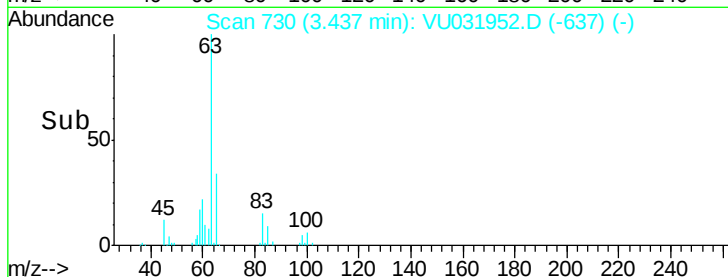
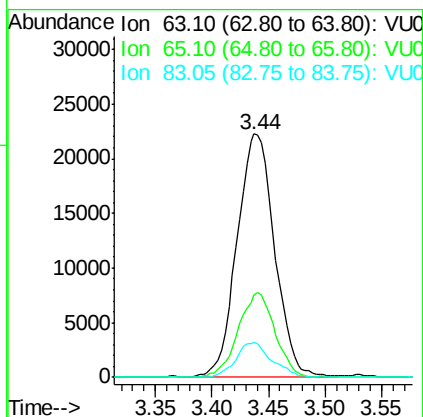
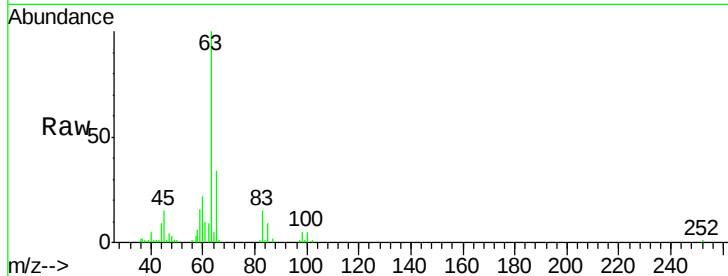




#19
 1,1-Dichloroethane
 Concen: 0.590 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU031952.D
 Acq: 12 May 2019 18:54

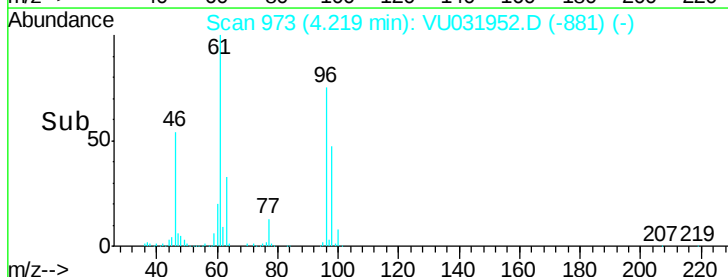
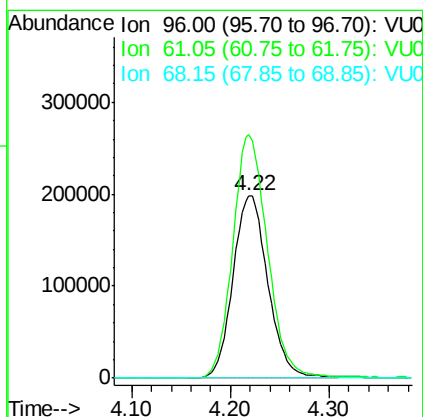
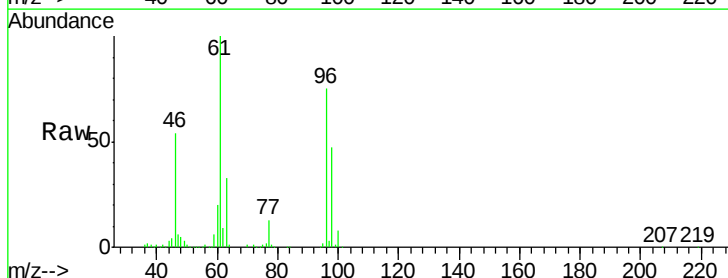
Instrument :
 MSVOA_U
 ClientSampleId :
 F9D55

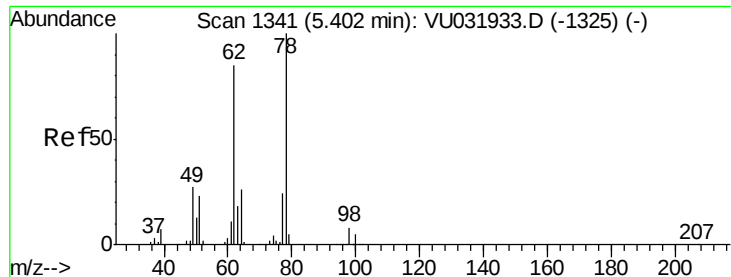
Tot Ion	Ratio	Lower	Upper
63	100		
65	33.8	21.8	40.4
83	14.6	7.9	14.7



#22
 cis-1,2-Dichloroethene
 Concen: 11.429 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031952.D
 Acq: 12 May 2019 18:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	133.4	113.3	210.5
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.187 ug/L

RT: 5.41 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampled :

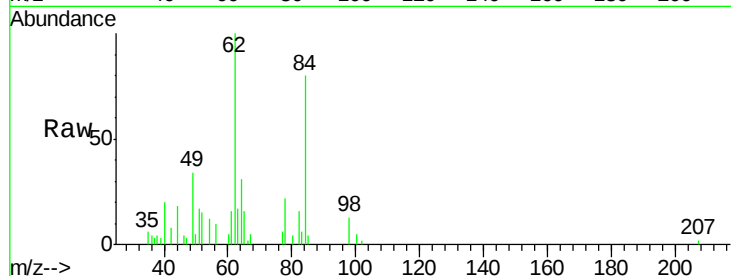
F9D55

Tot Ion: 62 Resp: 10571

Ion Ratio Lower Upper

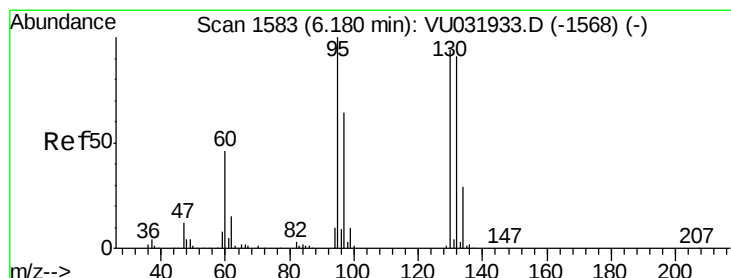
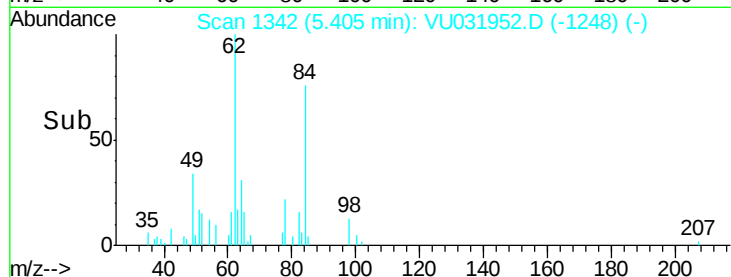
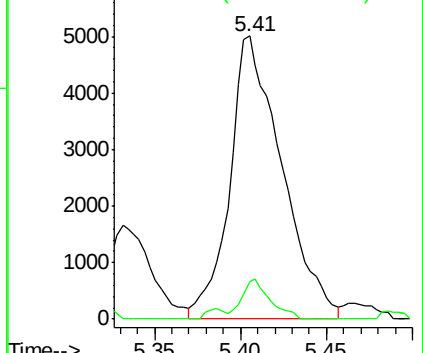
62 100

98 13.1 5.4 8.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.05 (97.75 to 98.75): VU0



#34

Trichloroethene

Concen: 1.688 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031952.D

Acq: 12 May 2019 18:54

Tgt Ion: 95 Resp: 73938

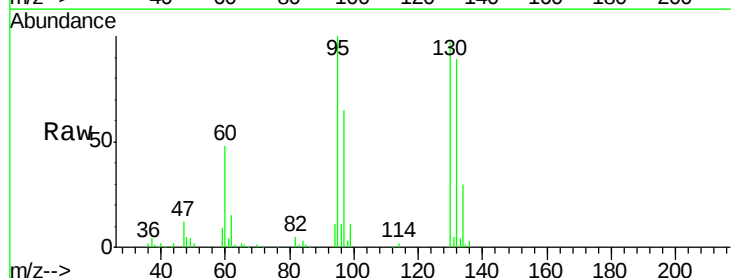
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 88.6 56.0 104.0

130 96.7 60.4 112.2

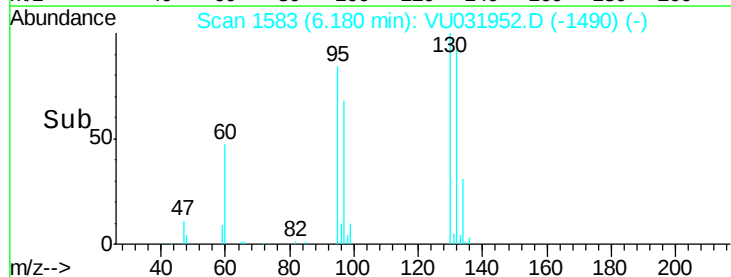
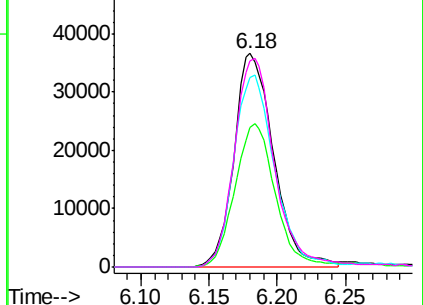


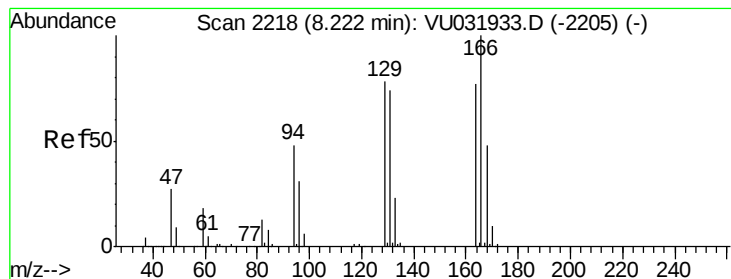
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#47

Tetrachloroethene

Concen: 16.248 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031952.D

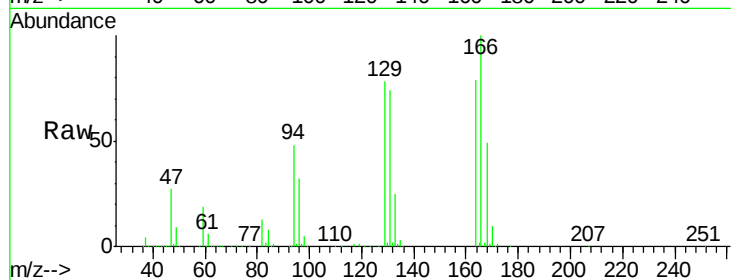
Acq: 12 May 2019 18:54

Instrument :

MSVOA_U

ClientSampleId :

F9D55



Tot Ion:164 Resp: 462791

Ion Ratio Lower Upper

164 100

129 99.0 70.3 130.5

131 93.4 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

