

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051319\
 Data File : VU031961.D
 Acq On : 13 May 2019 10:50
 Operator : JC/SP
 Sample : K2791-14DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53DL

Quant Time: May 14 02:53:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 14 02:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	473389	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	488349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	181685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	114562	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.68	69	114387	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.27	63	179567	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.20	46	514596	40.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.70%
24) Chloroform-d	4.64	84	272863	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.31	65	151206	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
32) Benzene-d6	5.33	84	511761	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	186332	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.56	98	381424	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	58463	3.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.60%
46) 2-Hexanone-d5	8.31	63	374952	46.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	164885	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	145395	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

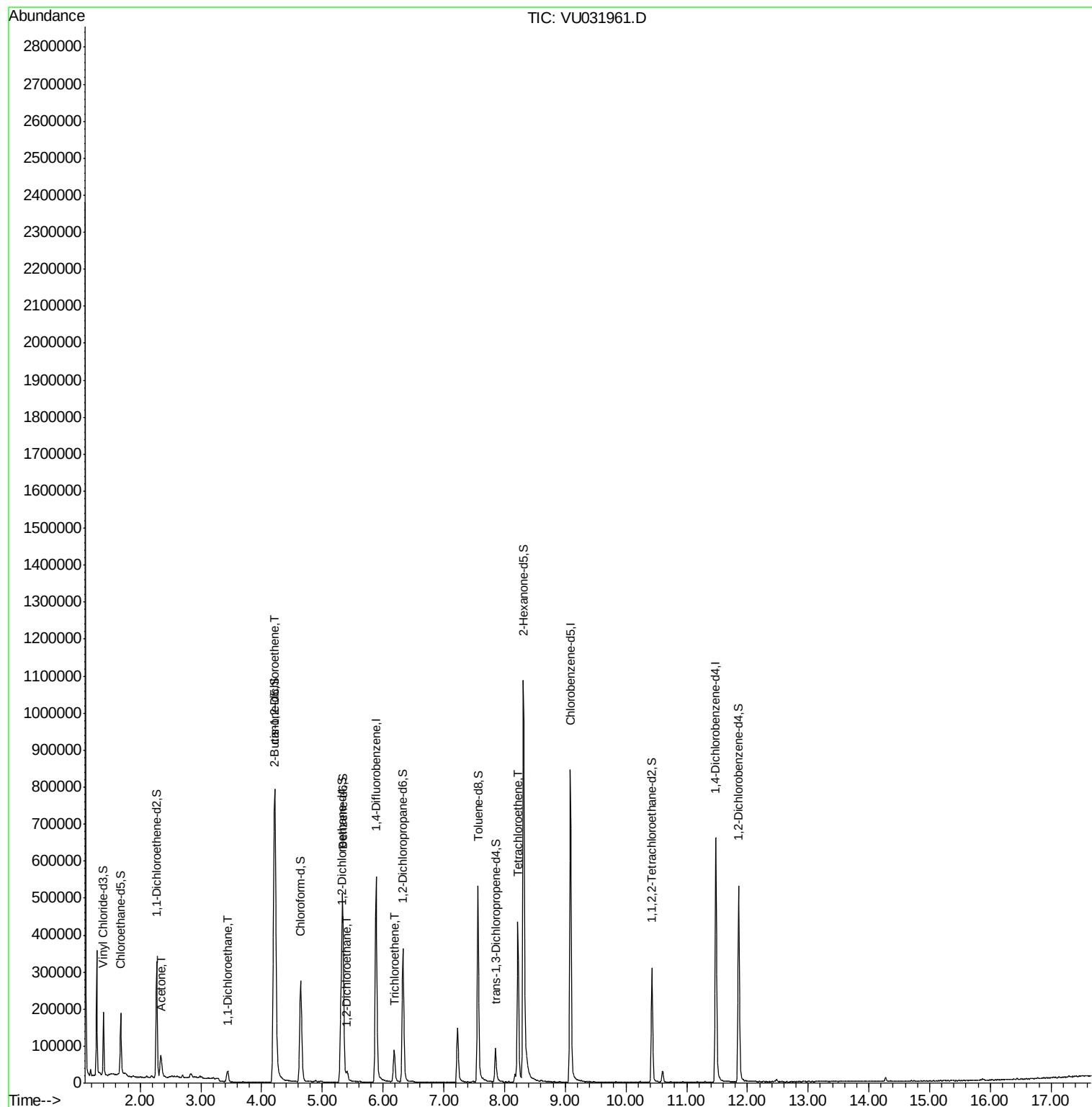
					Ovalue
13) Acetone	2.34	43	79365	9.225 ug/L	80
19) 1,1-Dichloroethane	3.44	63	31496	0.369 ug/L #	95
22) cis-1,2-Dichloroethene	4.22	96	342012	8.210 ug/L	80
27) 1,2-Dichloroethane	5.41	62	17423	0.314 ug/L	98
34) Trichloroethene	6.19	95	31670	0.738 ug/L	95
47) Tetrachloroethene	8.22	164	96631	3.462 ug/L	91

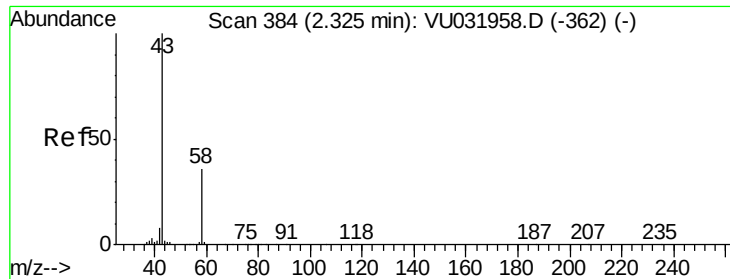
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.225 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

Instrument :

MSVOA_U

ClientSampleId :

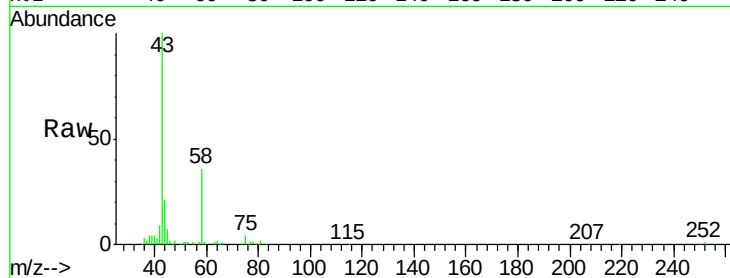
F9D53DL

Tot Ion: 43 Resp: 79365

Ion Ratio Lower Upper

43 100

58 36.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031958.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU031958.D (-362) (-)

2.34

30000

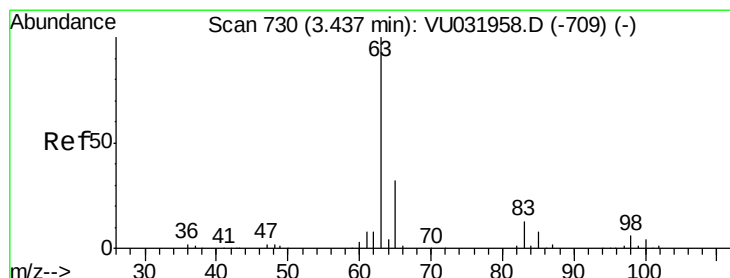
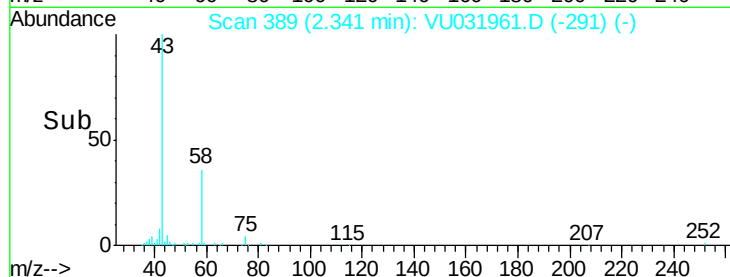
20000

10000

0

Time-->

2.25 2.30 2.35 2.40 2.45



#19

1,1-Dichloroethane

Concen: 0.369 ug/L

RT: 3.44 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

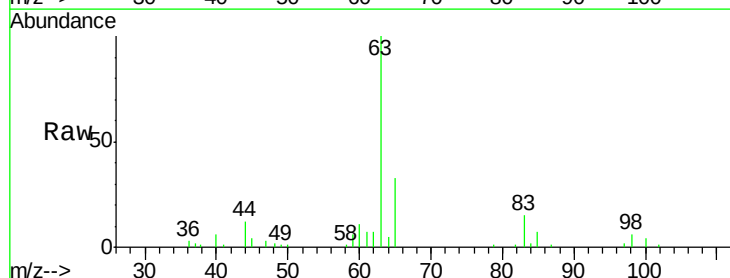
Tgt Ion: 63 Resp: 31496

Ion Ratio Lower Upper

63 100

65 32.7 21.8 40.4

83 15.4 7.9 14.7#



Abundance Ion 63.10 (62.80 to 63.80): VU031958.D (-709) (-)

Ion 65.10 (64.80 to 65.80): VU031958.D (-709) (-)

Ion 83.05 (82.75 to 83.75): VU031958.D (-709) (-)

3.44

15000

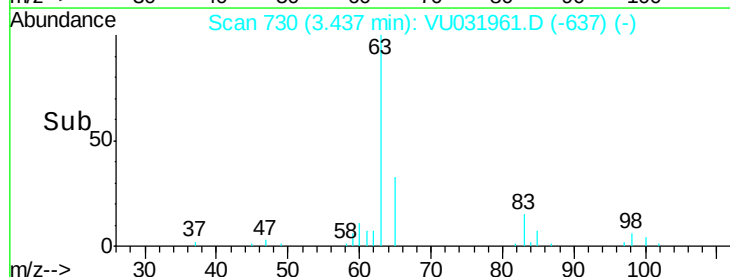
10000

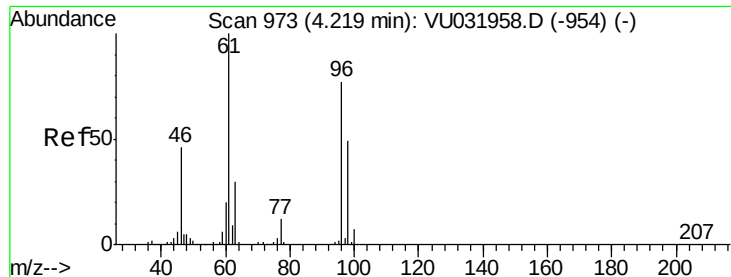
5000

0

Time-->

3.35 3.40 3.45 3.50



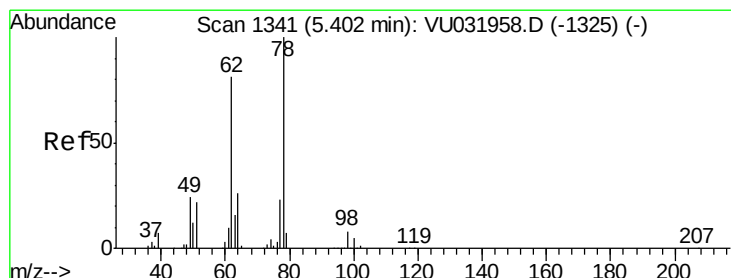
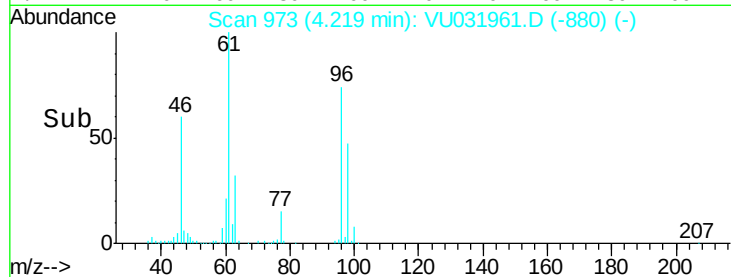
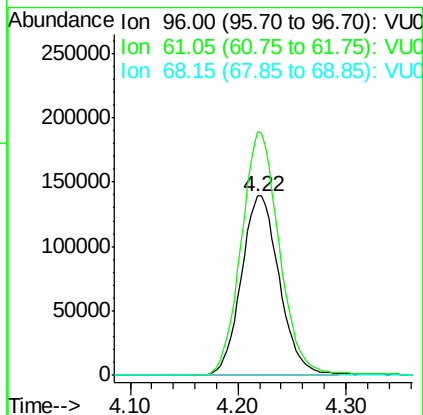
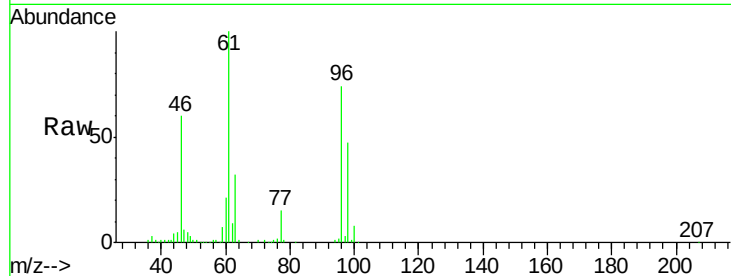


#22

cis-1,2-Dichloroethene
 Concen: 8.210 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D53DL

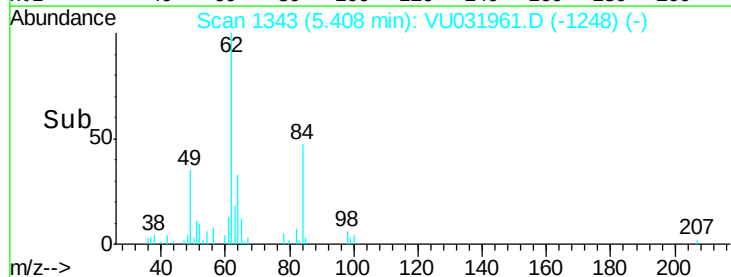
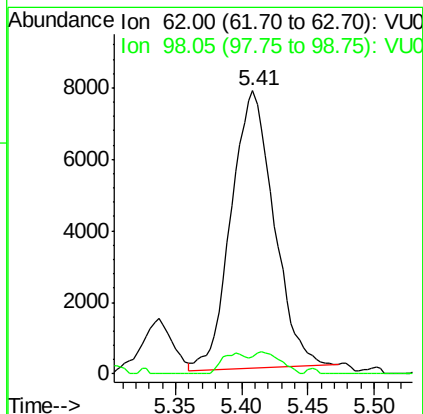
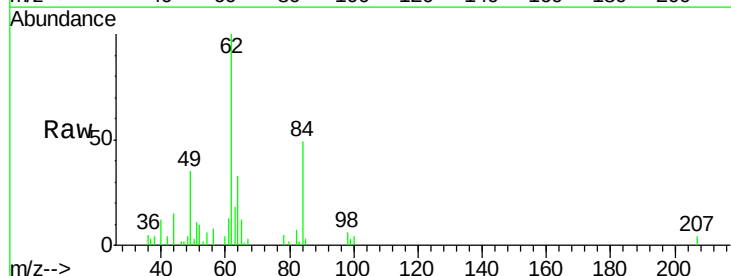
Tot Ion	96	Resp	342012
Ion	Ratio	Lower	Upper
96	100		
61	135.7	113.3	210.5
68	0.0	0.0	0.0

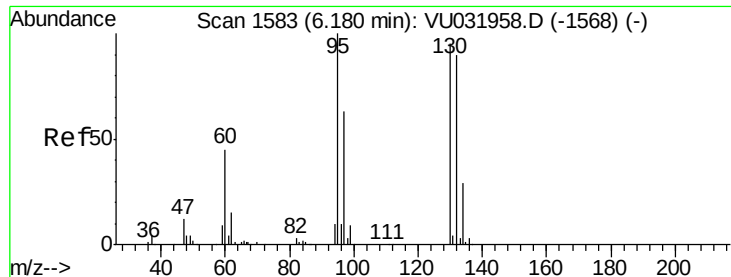


#27

1,2-Dichloroethane
 Concen: 0.314 ug/L
 RT: 5.41 min Scan# 1343
 Delta R.T. 0.01 min
 Lab File: VU031961.D
 Acq: 13 May 2019 10:50

Tgt Ion	62	Resp	17423
Ion	Ratio	Lower	Upper
62	100		
98	6.1	5.4	8.2





#34

Trichloroethene

Concen: 0.738 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

Instrument :

MSVOA_U

ClientSampleId :

F9D53DL

Tot Ion: 95 Resp: 31670

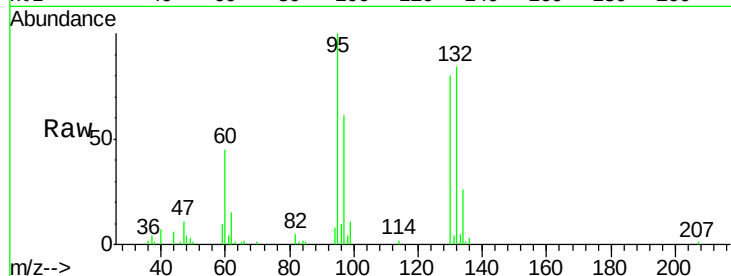
Ion Ratio Lower Upper

95 100

97 60.9 45.8 85.2

132 83.7 56.0 104.0

130 80.5 60.4 112.2

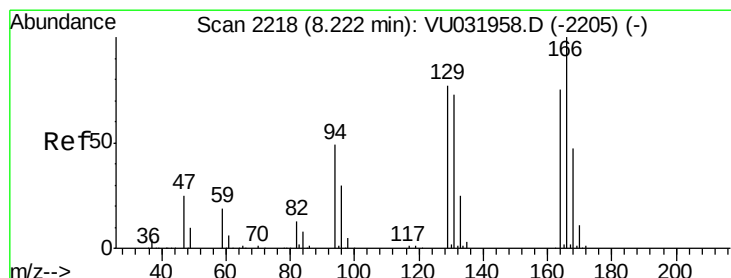
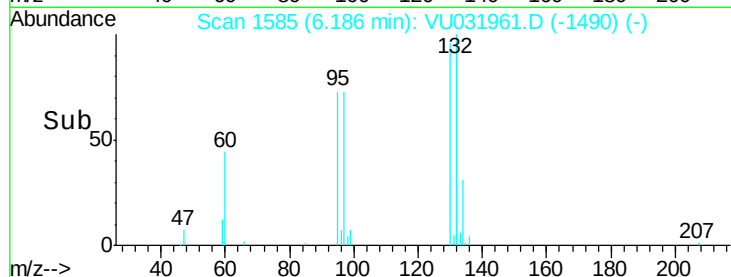
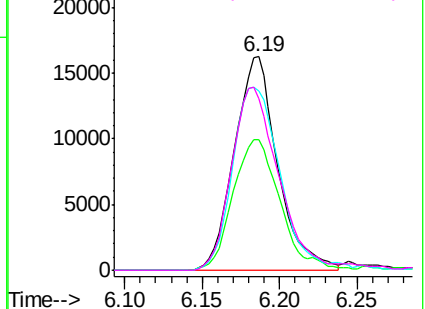


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 3.462 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU031961.D

Acq: 13 May 2019 10:50

Tgt Ion: 164 Resp: 96631

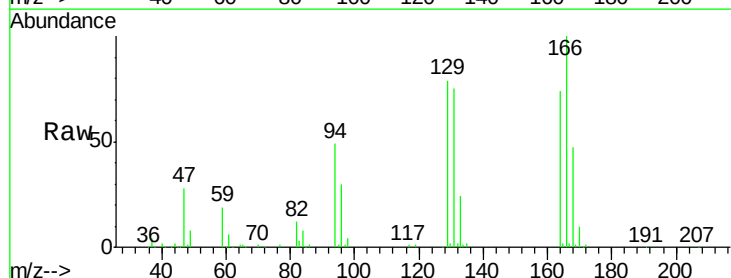
Ion Ratio Lower Upper

164 100

129 106.5 70.3 130.5

131 101.3 65.4 121.4

166 135.0 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

