

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032061.D
 Acq On : 16 May 2019 20:14
 Operator : JC/SP
 Sample : K2850-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W03

Quant Time: May 17 08:12:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	430234	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	411278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	155281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154094	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.68	69	130443	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.27	63	218041	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	4.20	46	292926	41.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.34%
24) Chloroform-d	4.64	84	264235	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	134314	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.33	84	539864	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.33	67	161764	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.20%
41) Toluene-d8	7.56	98	456803	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.85	79	54435	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.31	63	254106	42.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129235	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	159270	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

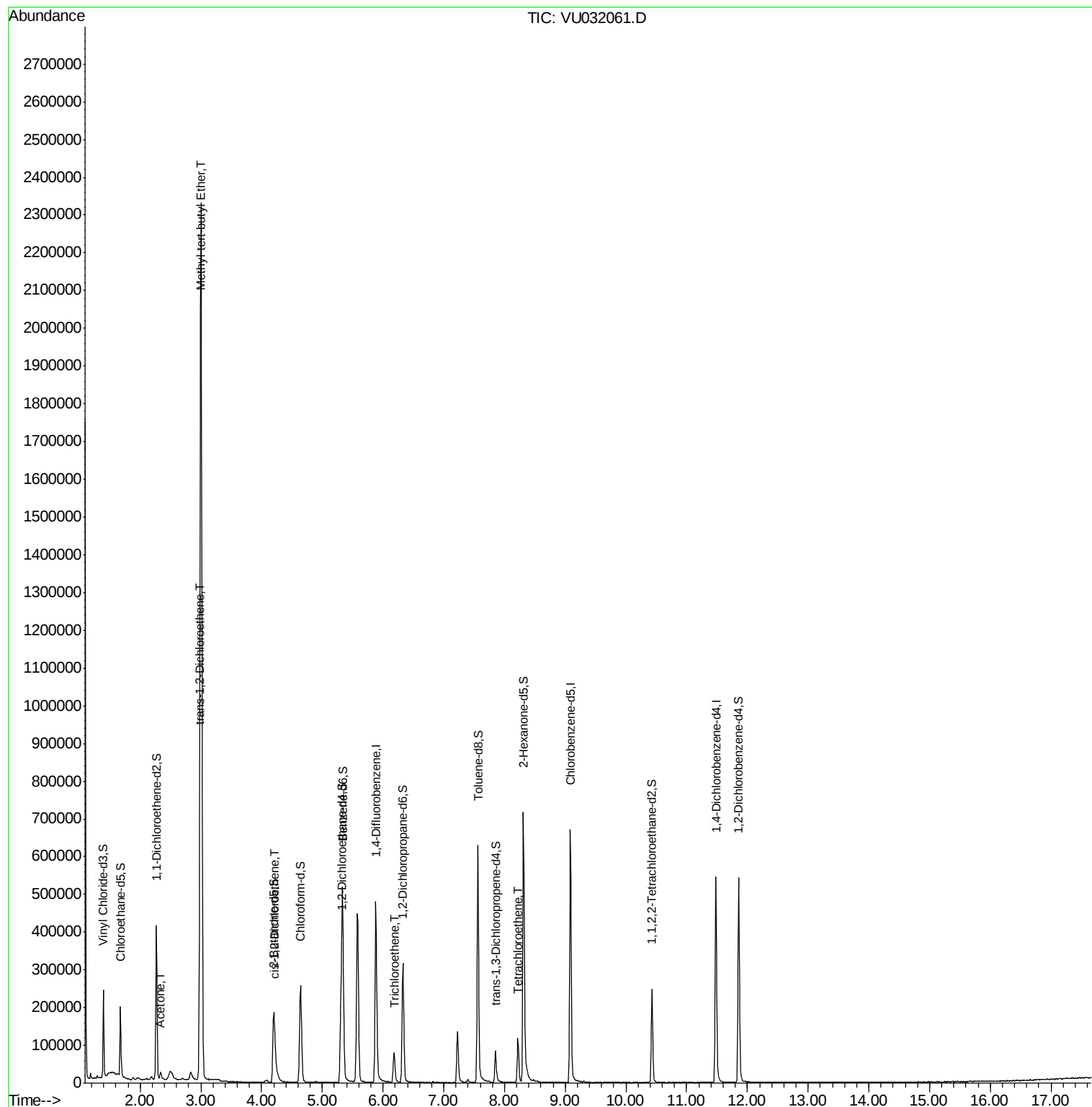
					Ovalue
13) Acetone	2.33	43	15775	6.754	ug/L 95
17) Methyl tert-butyl Ether	3.00	73	2696457	66.383	ug/L 97
18) trans-1,2-Dichloroethene	2.97	96	1913	0.103	ug/L 83
22) cis-1,2-Dichloroethene	4.22	96	7726	0.425	ug/L 95
34) Trichloroethene	6.18	95	28735	1.677	ug/L 96
47) Tetrachloroethene	8.22	164	29934	2.338	ug/L 97

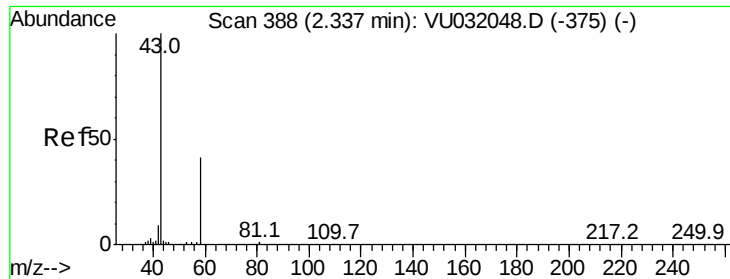
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
Data File : VU032061.D
Acq On : 16 May 2019 20:14
Operator : JC/SP
Sample : K2850-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W03

Quant Time: May 17 08:12:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 07:17:36 2019
Response via : Initial Calibration





#13

Acetone

Concen: 6.754 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU032061.D

Acq: 16 May 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

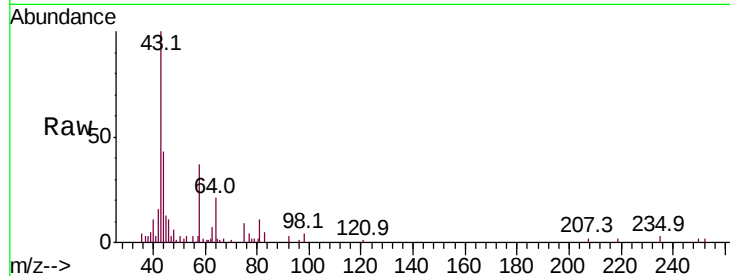
F9W03

Tot Ion: 43 Resp: 15775

Ion Ratio Lower Upper

43 100

58 36.3 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

2.33

8000

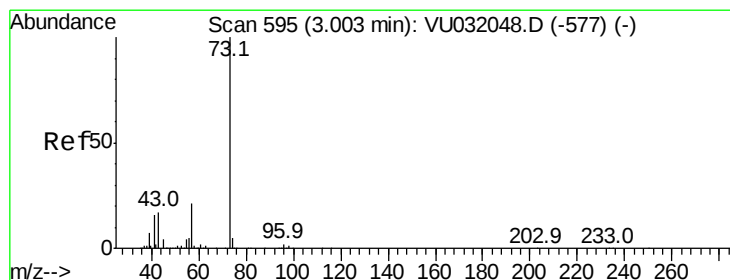
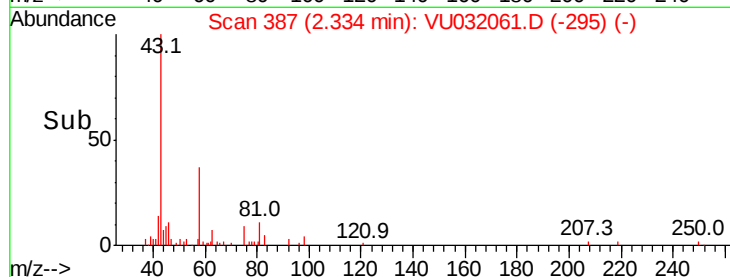
6000

4000

2000

0

Time--> 2.25 2.30 2.35 2.40



#17

Methyl tert-butyl Ether

Concen: 66.383 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032061.D

Acq: 16 May 2019 20:14

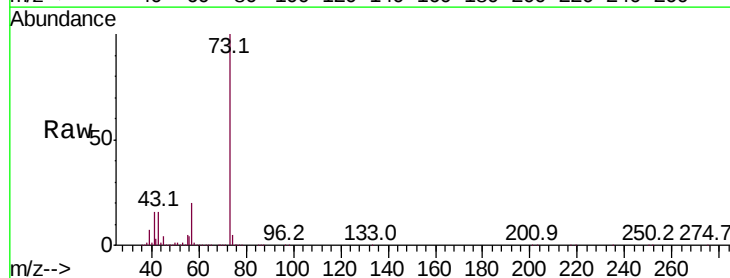
Tgt Ion: 73 Resp: 2696457

Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 20.4 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

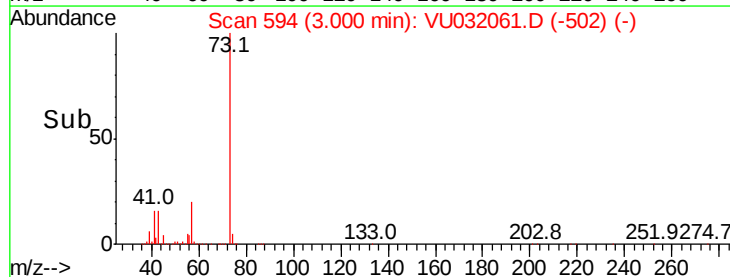
1500000

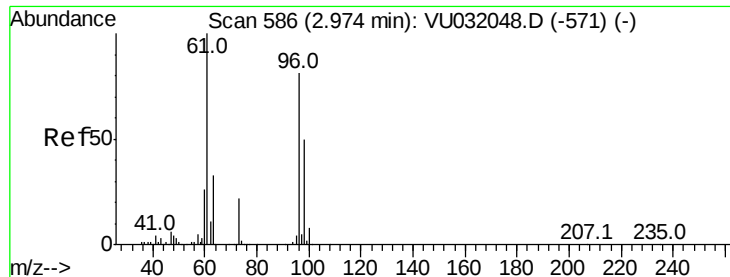
1000000

500000

0

Time--> 2.90 3.00 3.10





#18

trans-1,2-Dichloroethene

Concen: 0.103 ug/L

RT: 2.97 min Scan# 585

Delta R.T. -0.00 min

Lab File: VU032061.D

Acq: 16 May 2019 20:14

Instrument :

MSVOA_U

ClientSampleId :

F9W03

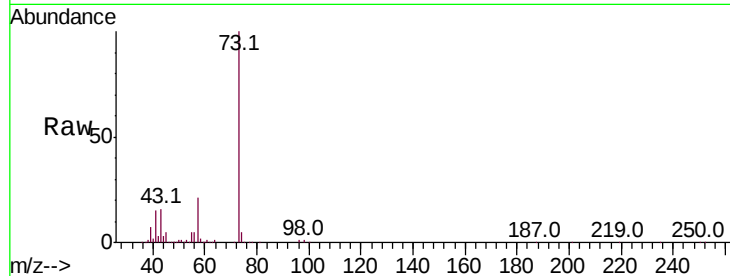
Tot Ion: 96 Resp: 1913

Ion Ratio Lower Upper

96 100

61 107.5 86.5 160.7

98 80.4 43.5 80.9



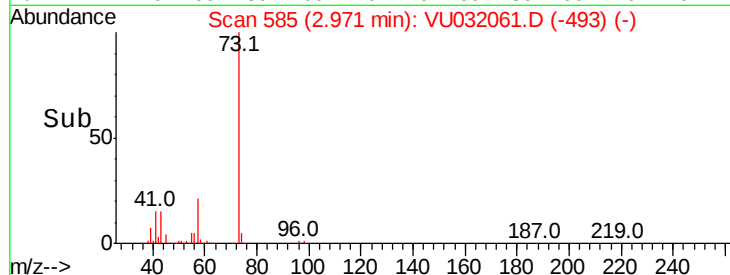
Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-571) (-)

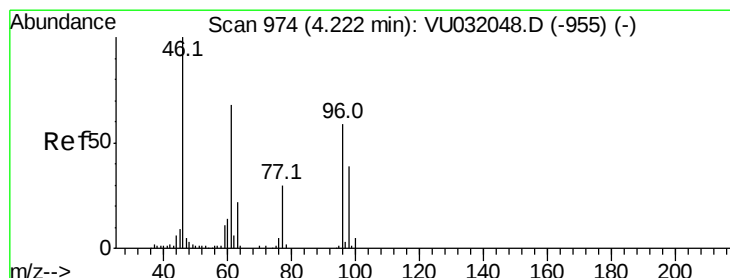
Ion 97.95 (97.65 to 98.65): VU032048.D (-571) (-)

Time-->

2.95 3.00



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.425 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU032061.D

Acq: 16 May 2019 20:14

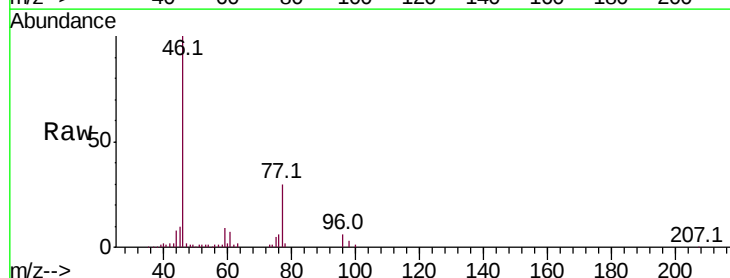
Tgt Ion: 96 Resp: 7726

Ion Ratio Lower Upper

96 100

61 117.2 85.8 159.4

68 0.0 0.0 0.0



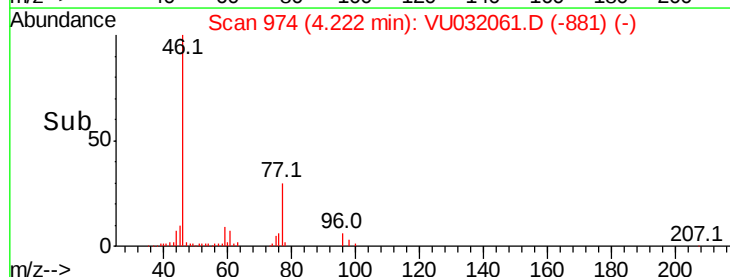
Abundance Ion 96.00 (95.70 to 96.70): VU032048.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU032048.D (-955) (-)

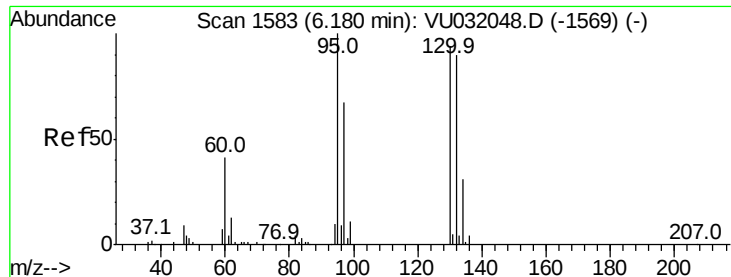
Ion 68.15 (67.85 to 68.85): VU032048.D (-955) (-)

Time-->

4.15 4.20 4.25



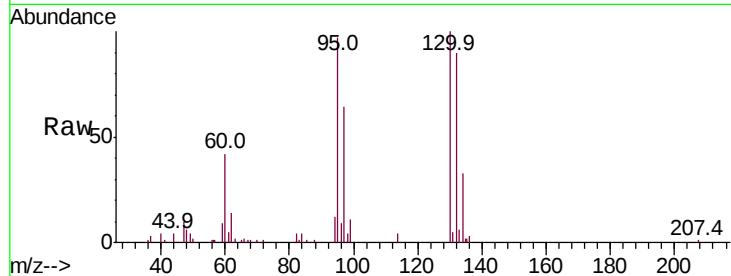
Time-->



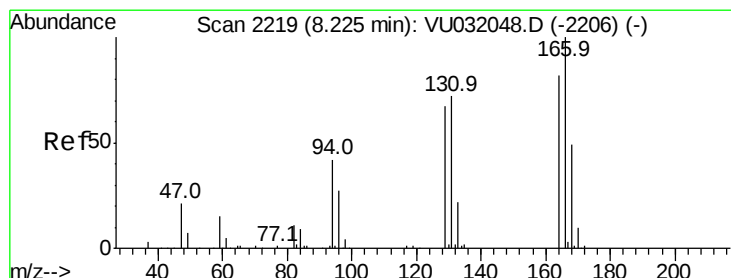
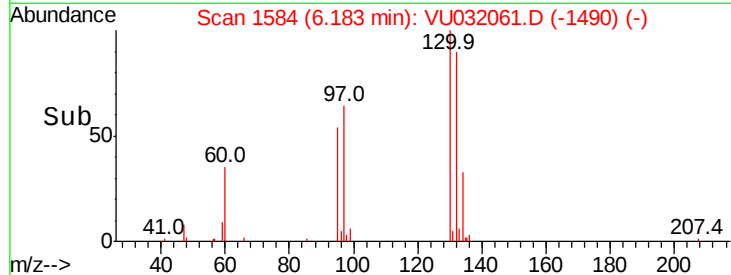
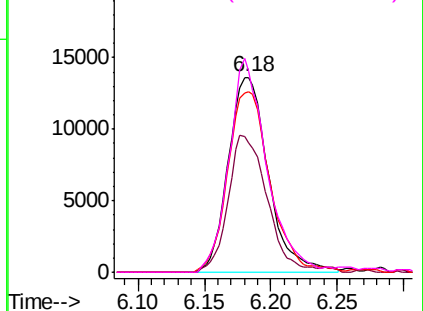
#34
 Trichloroethene
 Concen: 1.677 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU032061.D
 Acq: 16 May 2019 20:14

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W03

Tot Ion: 95 Resp: 28735
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.2 84.0
 132 93.0 66.1 122.7
 130 102.9 66.7 123.9

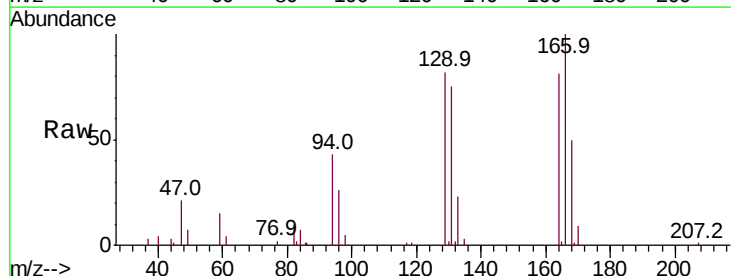


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 2.338 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032061.D
 Acq: 16 May 2019 20:14

Tgt Ion: 164 Resp: 29934
 Ion Ratio Lower Upper
 164 100
 129 101.3 70.3 130.5
 131 93.5 64.5 119.9
 166 123.9 92.3 171.5



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

