

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041019\
 Data File : VU030926.D
 Acq On : 08 Apr 2019 23:47
 Operator : JC/SP
 Sample : K2248-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YC1

Quant Time: Apr 09 04:09:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 09 01:11:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	215245	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	219846	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	86864	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	87743	5.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.60%
7) Chloroethane-d5	1.68	69	78386	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.27	63	138611	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.19	46	307331	72.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.02%#
24) Chloroform-d	4.64	84	152870	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.31	65	97468	6.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	131.60%#
32) Benzene-d6	5.33	84	302651	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.33	67	108737	5.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.00%
41) Toluene-d8	7.56	98	240352	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.85	79	35844	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.31	63	185177	59.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92014	6.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.40%#
64) 1,2-Dichlorobenzene-d4	11.86	152	83734	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

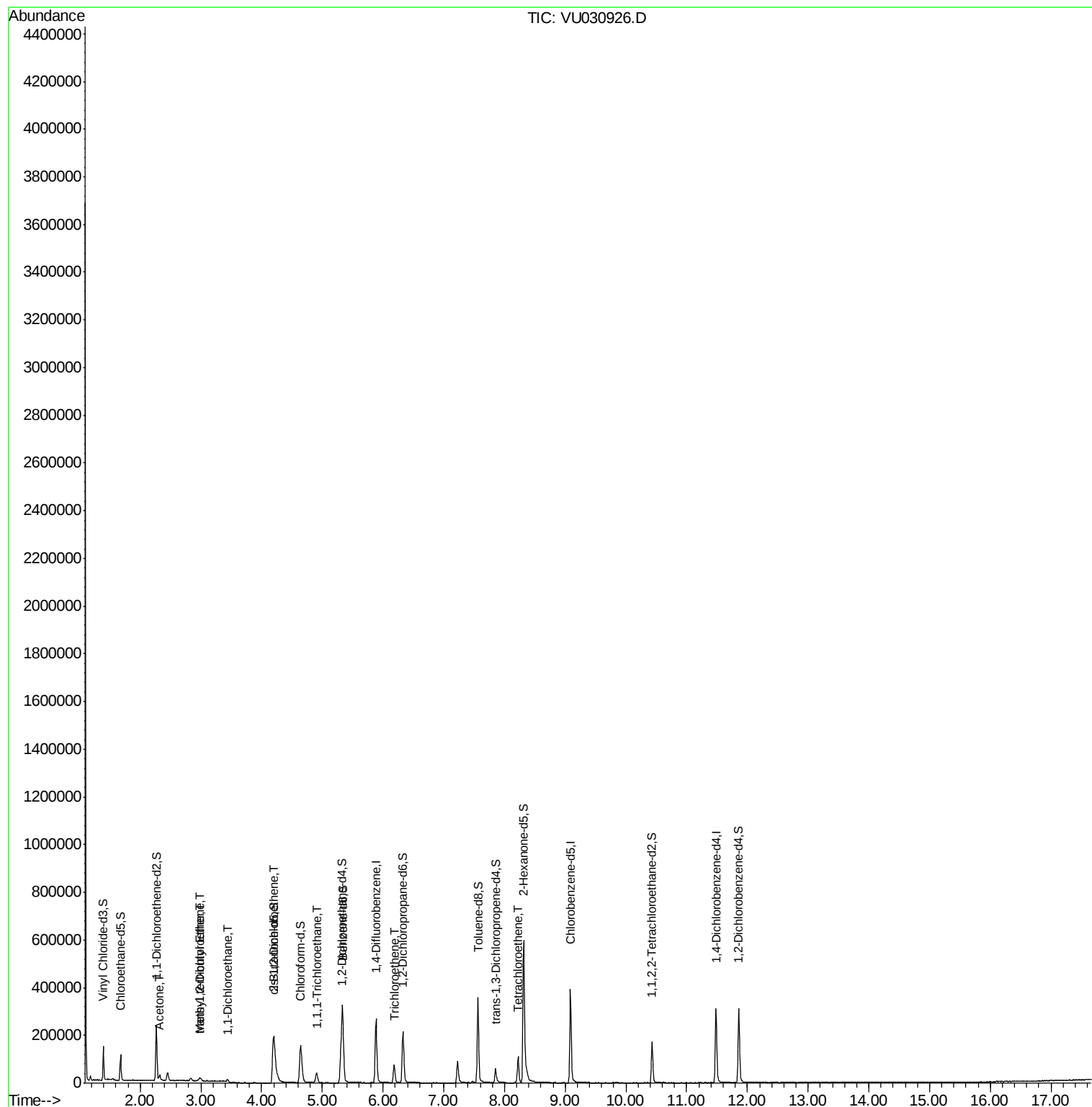
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	22982	7.013	ug/L	93
17) Methyl tert-butyl Ether	3.00	73	8751	0.208	ug/L	97
18) trans-1,2-Dichloroethene	2.97	96	3702	0.223	ug/L	96
19) 1,1-Dichloroethane	3.44	63	12307	0.351	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	26813	1.516	ug/L	81
29) 1,1,1-Trichloroethane	4.91	97	30823	1.101	ug/L	98
34) Trichloroethene	6.18	95	27231	1.463	ug/L	93
47) Tetrachloroethene	8.22	164	24145	1.849	ug/L	97

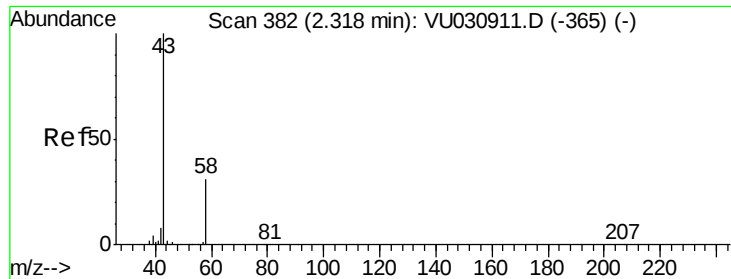
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 09 01:11:42 2019
Response via : Initial Calibration





#13

Acetone

Concen: 7.013 ug/L

RT: 2.32 min Scan# 383

Delta R.T. -0.04 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

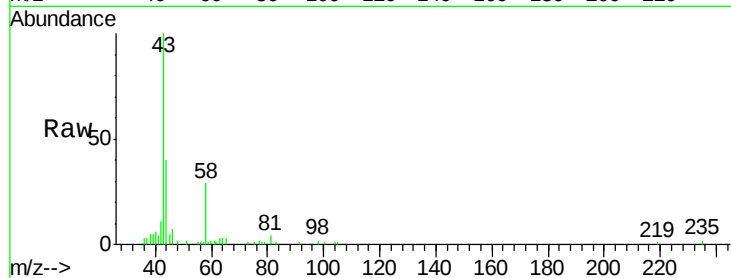
E3YC1

Tot Ion: 43 Resp: 22982

Ion Ratio Lower Upper

43 100

58 27.7 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VU030926.D (-302) (-)

Ion 58.05 (57.75 to 58.75): VU030926.D (-302) (-)

15000

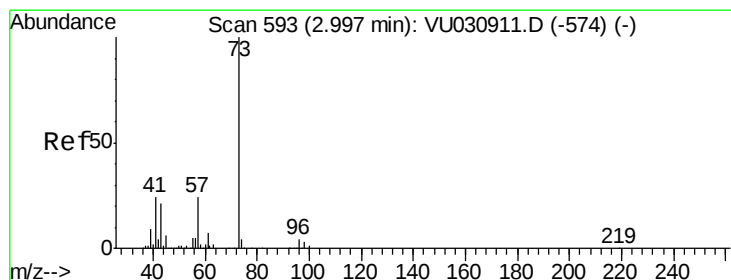
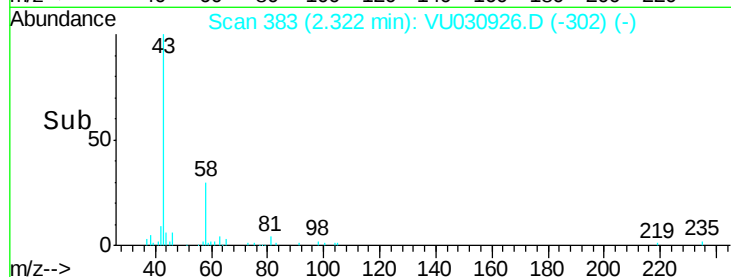
10000

5000

0

2.25 2.30 2.35

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.208 ug/L

RT: 3.00 min Scan# 593

Delta R.T. -0.01 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

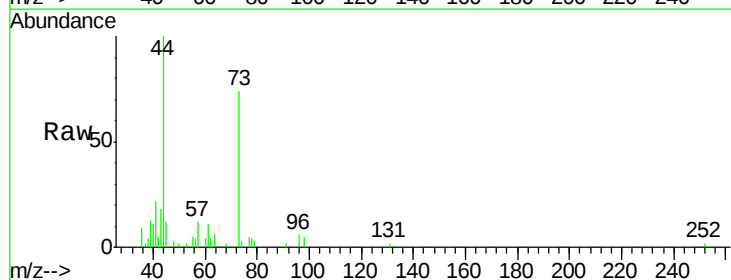
Tgt Ion: 73 Resp: 8751

Ion Ratio Lower Upper

73 100

43 21.8 17.0 25.4

57 22.1 19.4 29.2



Abundance Ion 73.10 (72.80 to 73.80): VU030926.D (-503) (-)

Ion 43.05 (42.75 to 43.75): VU030926.D (-503) (-)

Ion 57.10 (56.80 to 57.80): VU030926.D (-503) (-)

5000

4000

3000

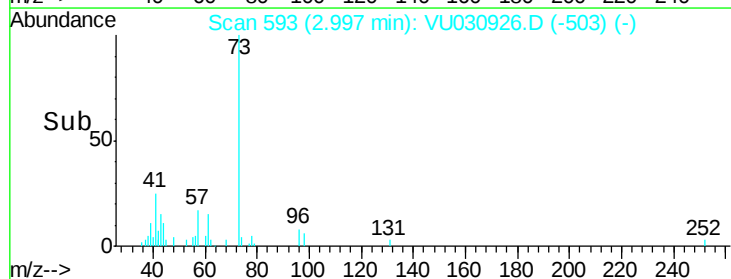
2000

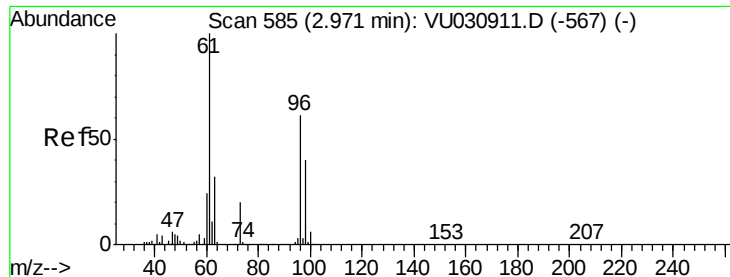
1000

0

2.95 3.00 3.05

Time-->





#18

trans-1,2-Dichloroethene

Concen: 0.223 ug/L

RT: 2.97 min Scan# 586

Delta R.T. -0.01 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

E3YC1

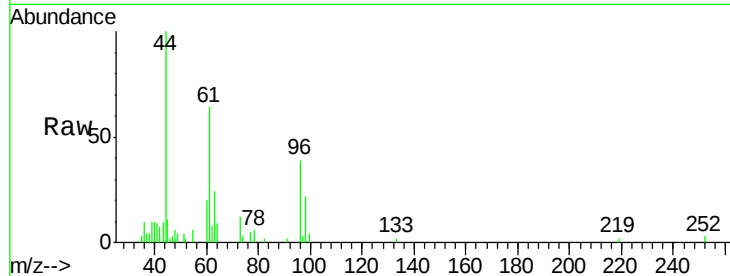
Tot Ion: 96 Resp: 3702

Ion Ratio Lower Upper

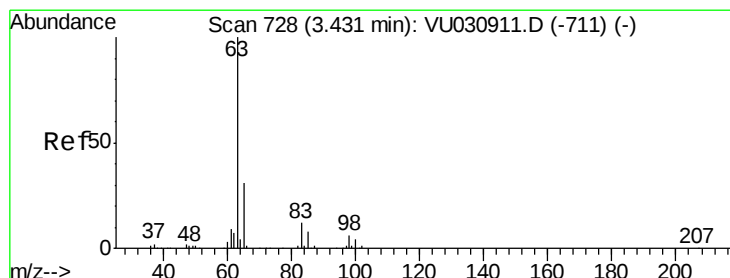
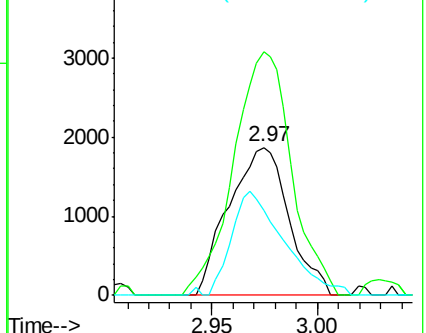
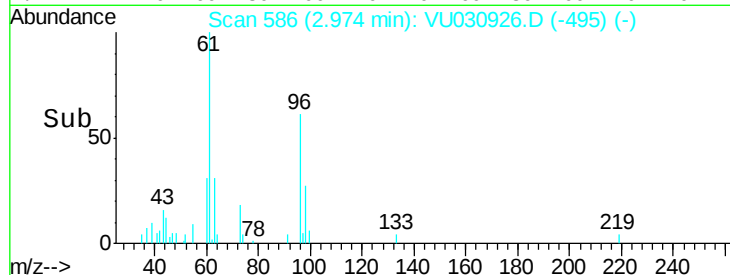
96 100

61 164.8 116.8 216.8

98 57.4 46.8 87.0



Abundance Ion 96.00 (95.70 to 96.70): VU030926.D (-495) (-)



#19

1,1-Dichloroethane

Concen: 0.351 ug/L

RT: 3.44 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

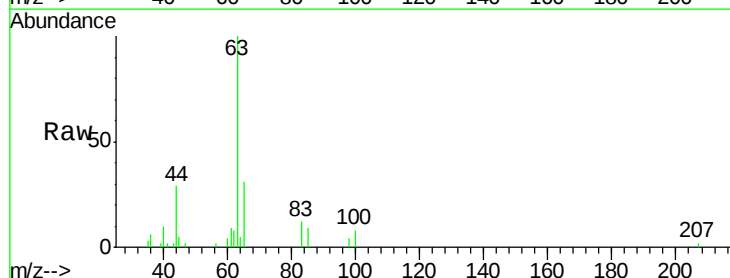
Tgt Ion: 63 Resp: 12307

Ion Ratio Lower Upper

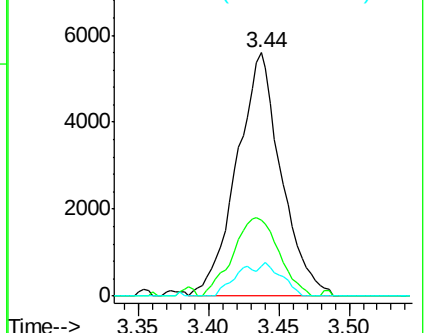
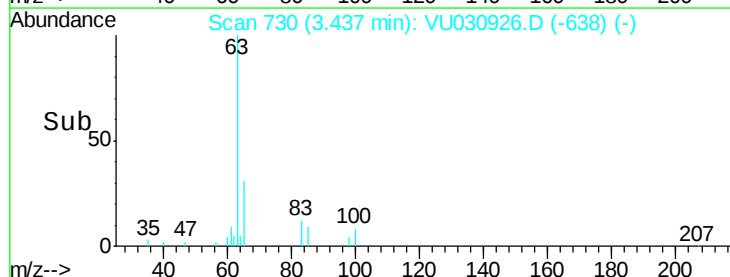
63 100

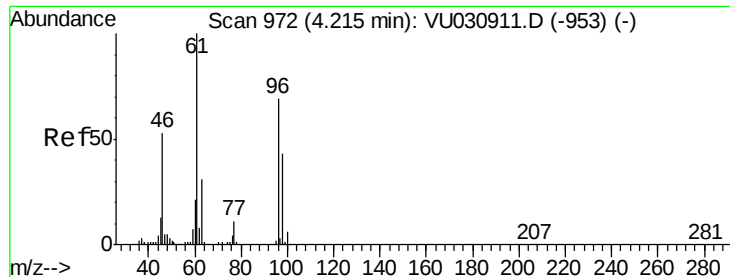
65 31.4 21.6 40.0

83 12.4 9.1 16.9



Abundance Ion 63.10 (62.80 to 63.80): VU030926.D (-638) (-)





#22

cis-1,2-Dichloroethene

Concen: 1.516 ug/L

RT: 4.22 min Scan# 972

Delta R.T. -0.01 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

Instrument :

MSVOA_U

ClientSampled :

E3YC1

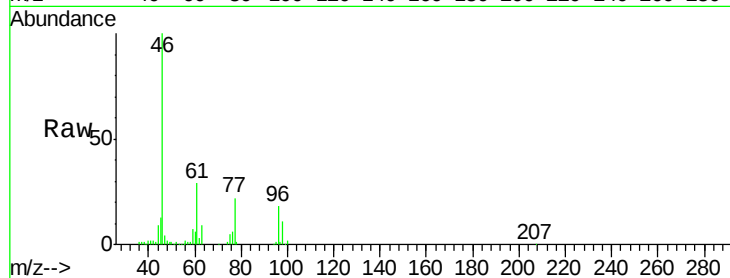
Tot Ion: 96 Resp: 26813

Ion Ratio Lower Upper

96 100

61 164.7 98.9 183.7

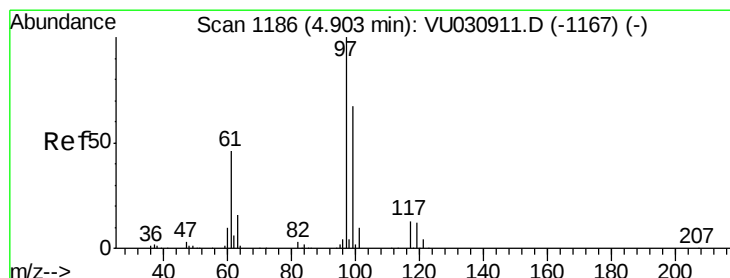
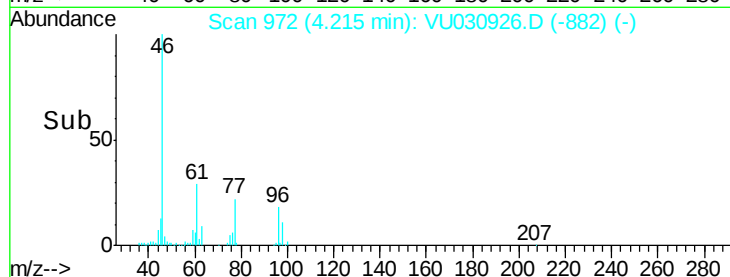
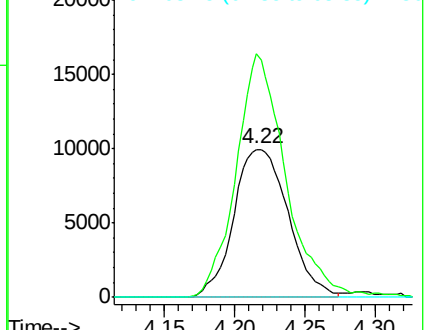
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU030926.D (-882) (-)

Ion 61.05 (60.75 to 61.75): VU030926.D (-882) (-)

Ion 68.15 (67.85 to 68.85): VU030926.D (-882) (-)



#29

1,1,1-Trichloroethane

Concen: 1.101 ug/L

RT: 4.91 min Scan# 1187

Delta R.T. -0.00 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

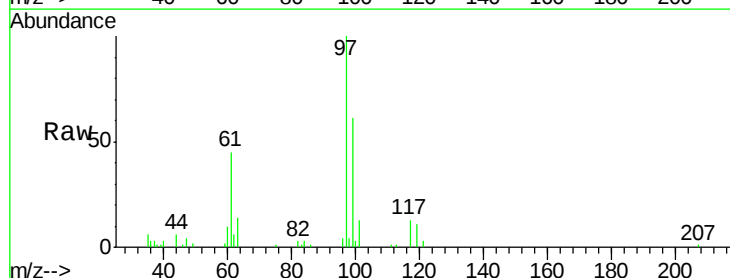
Tgt Ion: 97 Resp: 30823

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.6

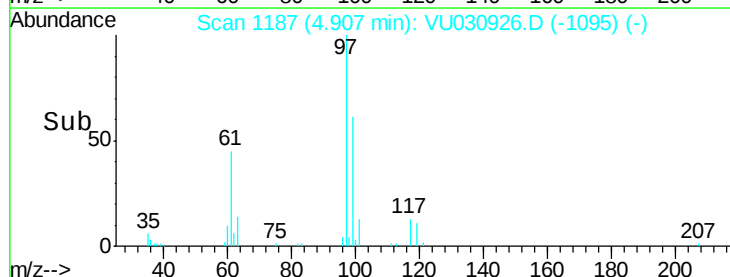
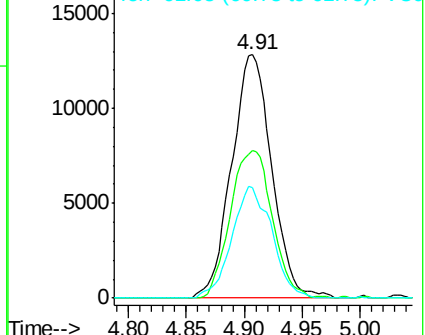
61 45.7 38.1 57.1

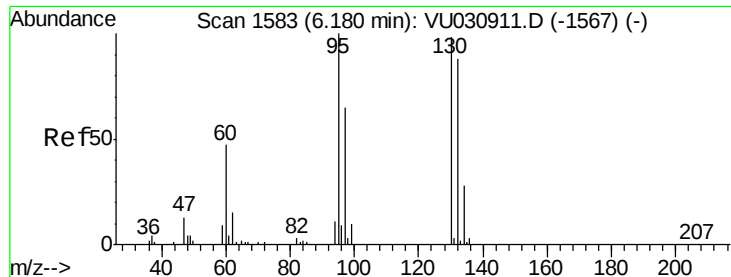


Abundance Ion 96.95 (96.65 to 97.65): VU030926.D (-1095) (-)

Ion 99.05 (98.75 to 99.75): VU030926.D (-1095) (-)

Ion 61.05 (60.75 to 61.75): VU030926.D (-1095) (-)





#34

Trichloroethene

Concen: 1.463 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

Instrument :

MSVOA_U

ClientSampleId :

E3YC1

Tot Ion: 95 Resp: 27231

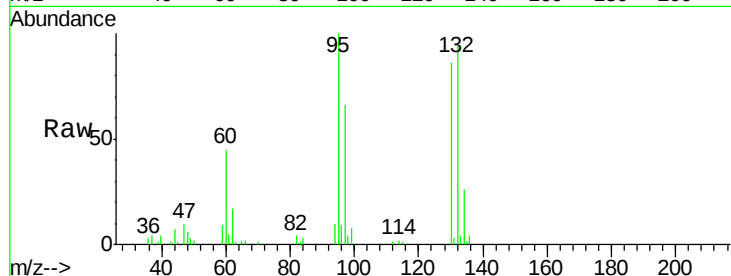
Ion Ratio Lower Upper

95 100

97 66.5 43.5 80.9

132 94.3 60.7 112.7

130 86.2 65.1 120.9

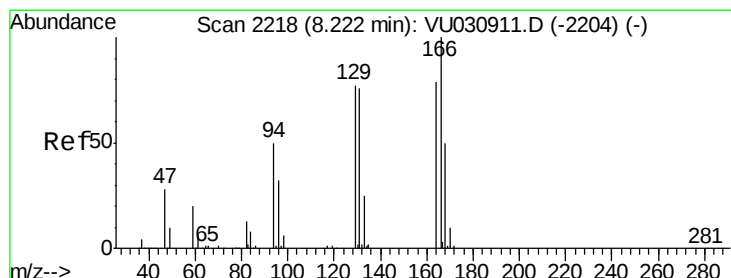
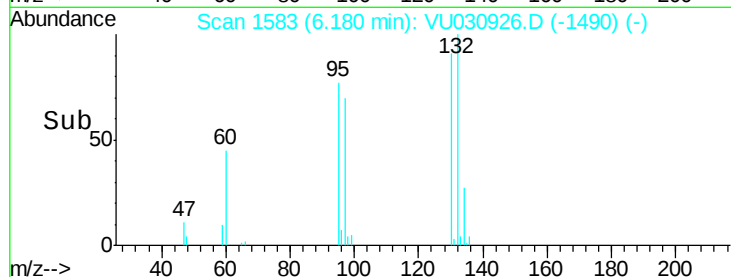
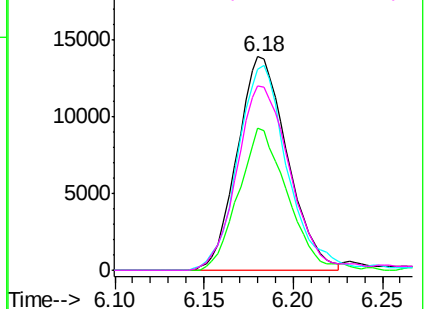


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.849 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU030926.D

Acq: 08 Apr 2019 23:47

Tgt Ion:164 Resp: 24145

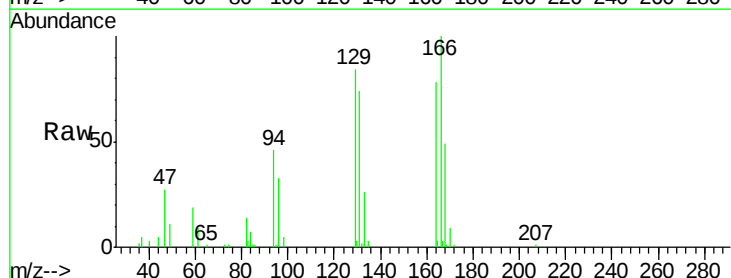
Ion Ratio Lower Upper

164 100

129 106.7 70.1 130.1

131 94.7 67.8 125.8

166 127.7 87.9 163.3



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

