

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026533.D
 Acq On : 05 Sep 2018 10:16
 Operator : MD/SY
 Sample : J4694-19DL 5X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE39DL

Quant Time: Sep 06 13:52:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 04:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	160443	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150554	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61722	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37725	37.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.90%
7) Chloroethane-d5	1.68	69	36257	40.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.76%
11) 1,1-Dichloroethene-d2	2.27	63	60696	27.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.22%#
21) 2-Butanone-d5	4.18	46	73869	95.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.74%
24) Chloroform-d	4.65	84	71211	37.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.86%
26) 1,2-Dichloroethane-d4	5.31	65	57971	46.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.76%
32) Benzene-d6	5.34	84	162586	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
36) 1,2-Dichloropropane-d6	6.33	67	58777	49.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.62%
41) Toluene-d8	7.57	98	142835	42.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.28%
43) trans-1,3-Dichloropropene-	7.85	79	18065	33.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.38%
47) 2-Hexanone-d5	8.31	63	55527	101.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83040	47.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	58424	52.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.34%

Target Compounds

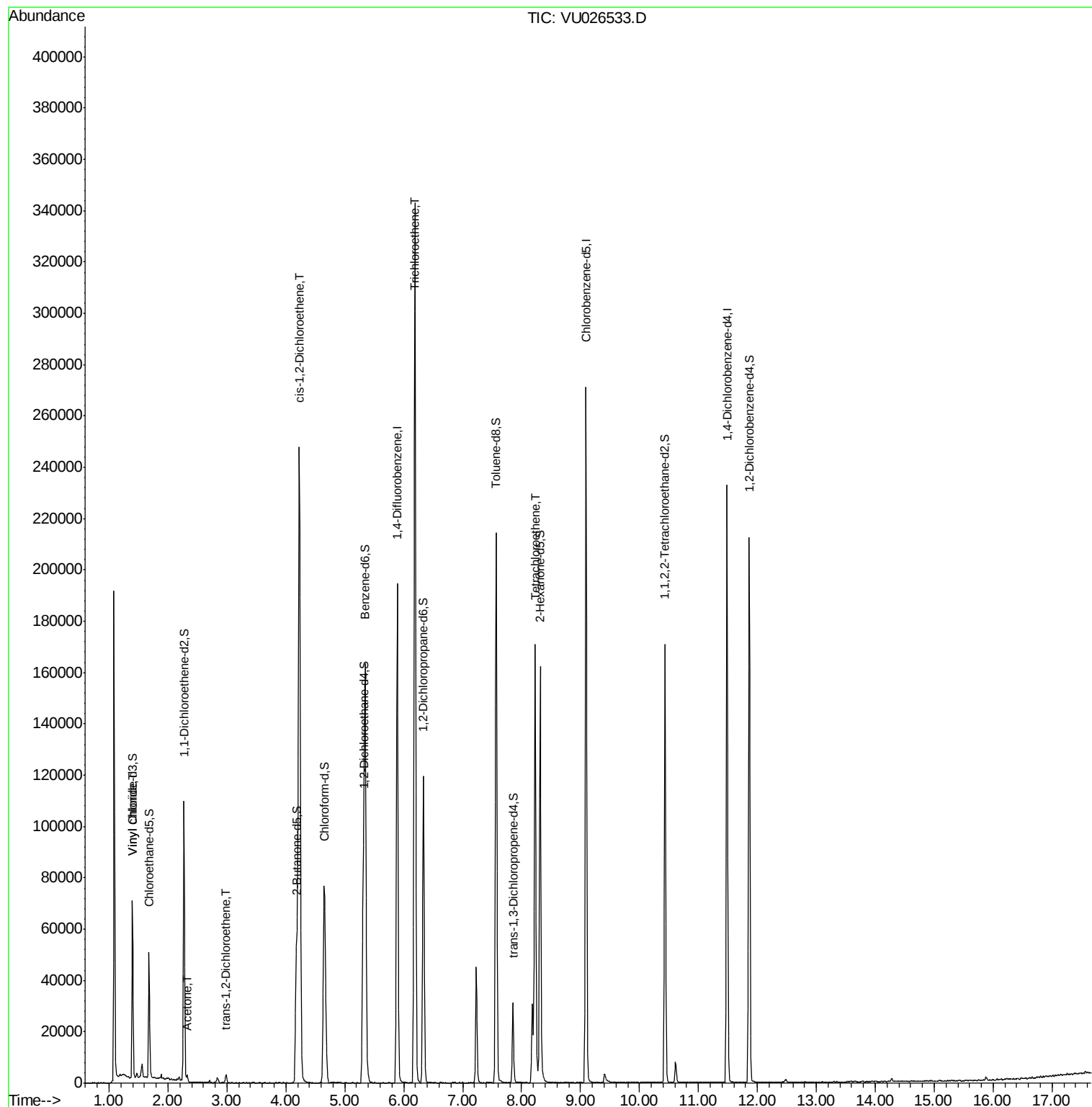
						Ovalue
5) Vinyl chloride	1.40	62	9237	5.52	ug/L	92
13) Acetone	2.32	43	2517	3.77	ug/L	95
17) trans-1,2-Dichloroethene	2.99	96	1361	1.31	ug/L	90
20) cis-1,2-Dichloroethene	4.23	96	136462	117.60	ug/L	99
34) Trichloroethene	6.19	95	115357	106.55	ug/L	97
46) Tetrachloroethene	8.23	164	37355	42.20	ug/L	98

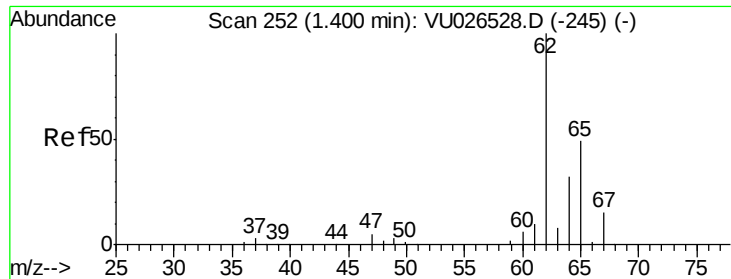
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.52 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampleId :

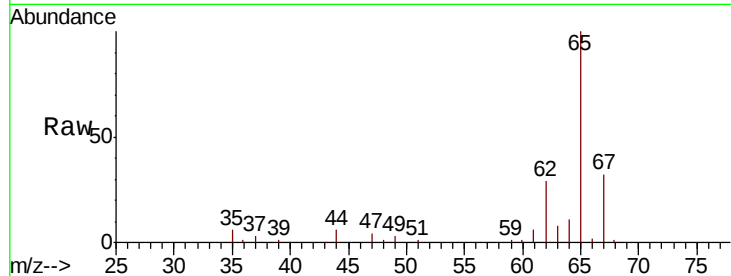
BEE39DL

Tot Ion: 62 Resp: 9237

Ion Ratio Lower Upper

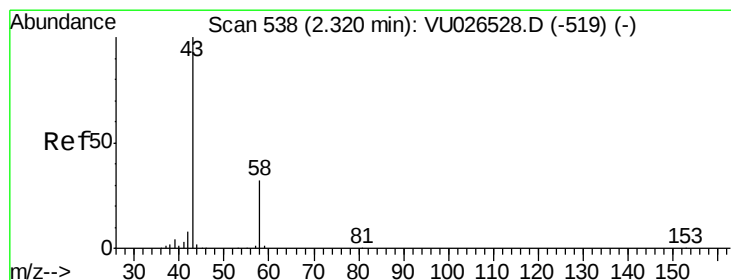
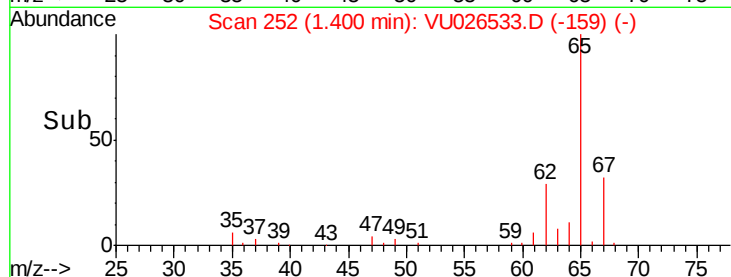
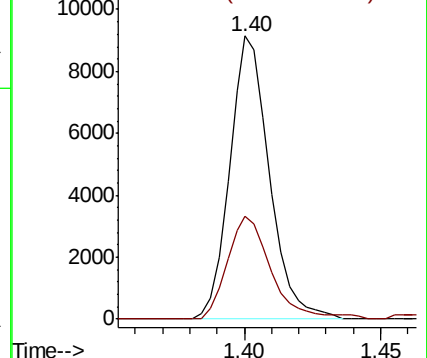
62 100

64 36.3 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 3.77 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026533.D

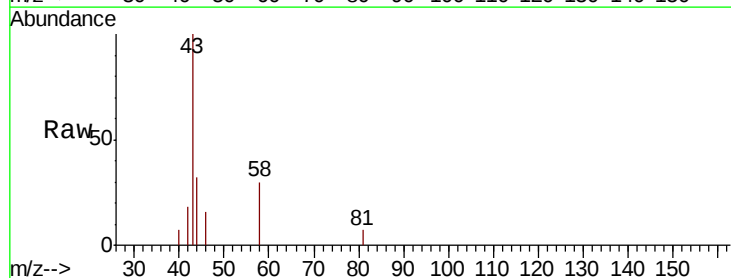
Acq: 05 Sep 2018 10:16

Tgt Ion: 43 Resp: 2517

Ion Ratio Lower Upper

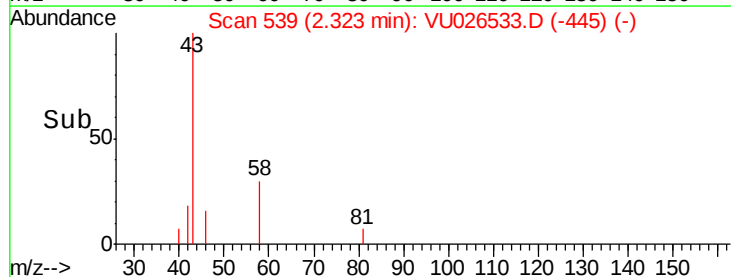
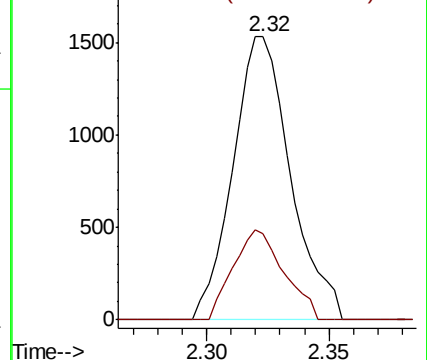
43 100

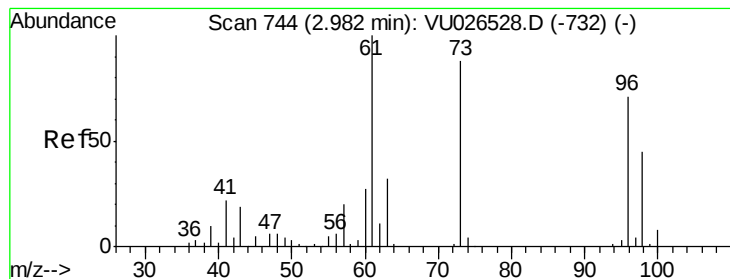
58 27.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

trans-1,2-Dichloroethene

Concen: 1.31 ug/L

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

Instrument :

MSVOA_U

ClientSampled :

BEE39DL

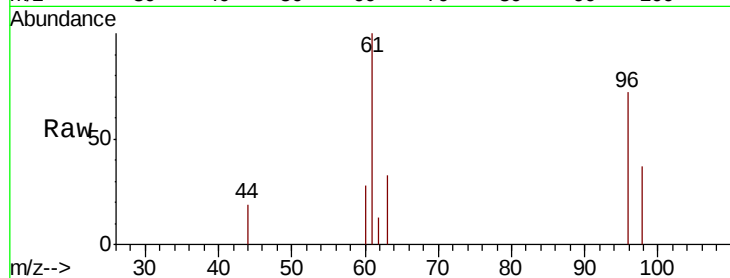
Tot Ion: 96 Resp: 1361

Ion Ratio Lower Upper

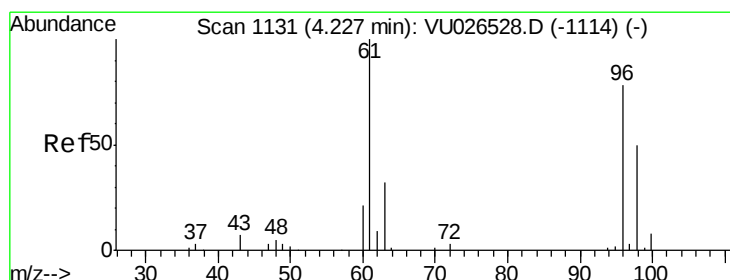
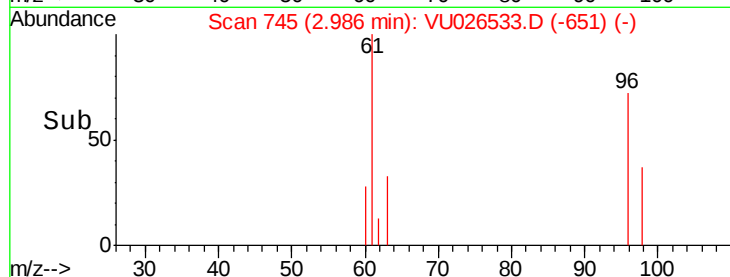
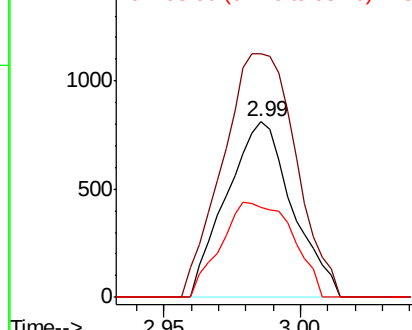
96 100

61 138.5 103.2 191.6

98 51.3 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 117.60 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026533.D

Acq: 05 Sep 2018 10:16

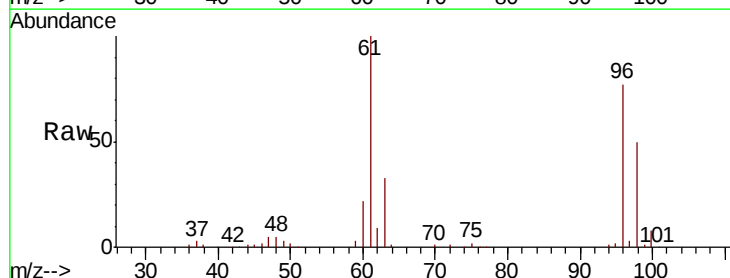
Tgt Ion: 96 Resp: 136462

Ion Ratio Lower Upper

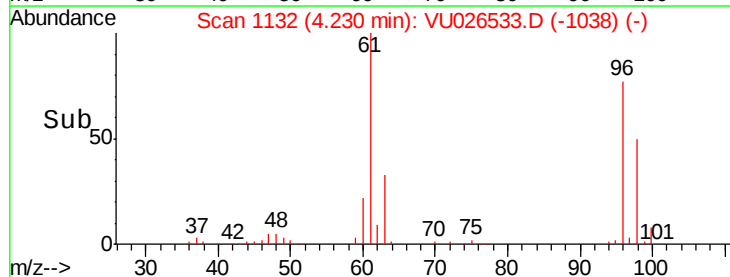
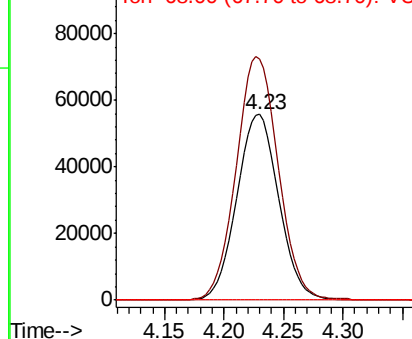
96 100

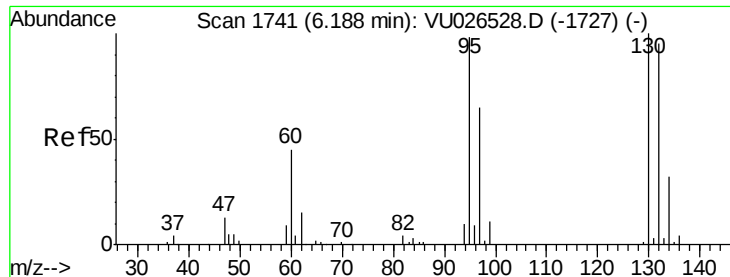
61 130.1 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0

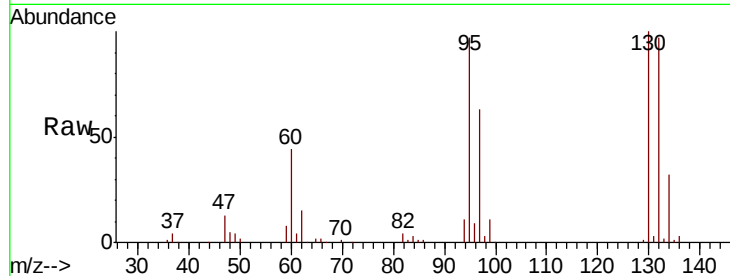




#34
 Trichloroethene
 Concen: 106.55 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026533.D
 Acq: 05 Sep 2018 10:16

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE39DL

Tot Ion:	95	Resp:	115357
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.1	83.7
132	99.4	67.5	125.3
130	102.7	69.3	128.7



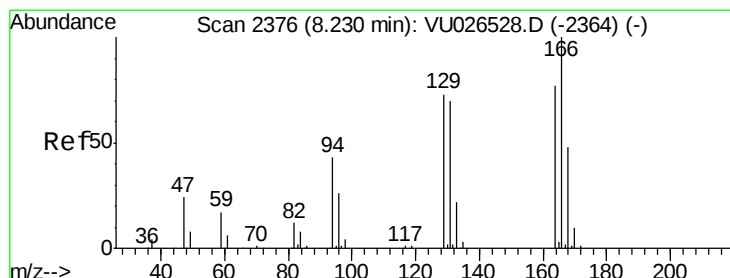
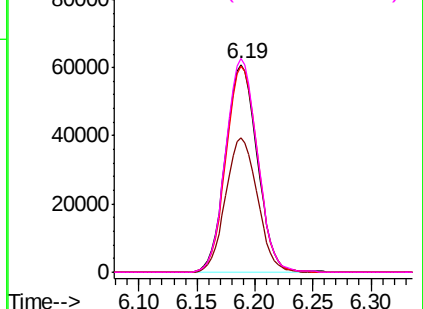
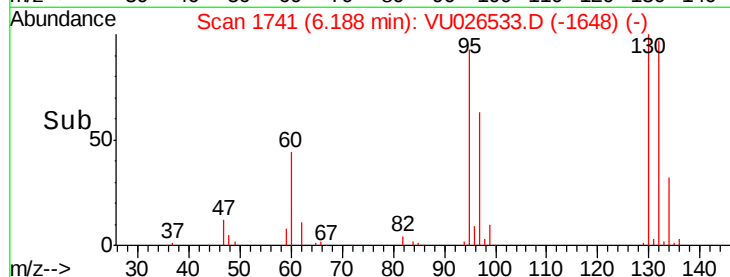
Abundance

Ion 95.00 (94.70 to 95.70): VU026533.D (-1648) (-)

Ion 97.00 (96.70 to 97.70): VU026533.D (-1648) (-)

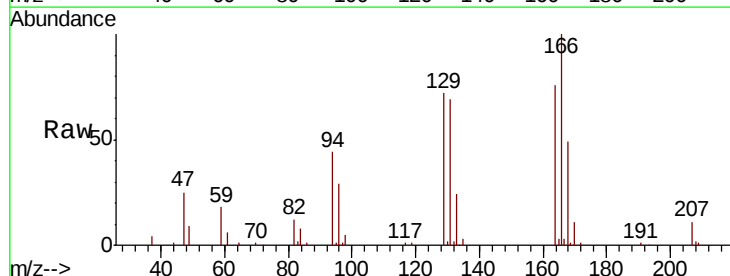
Ion 132.00 (131.70 to 132.70): VU026533.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU026533.D (-1648) (-)



#46
 Tetrachloroethene
 Concen: 42.20 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026533.D
 Acq: 05 Sep 2018 10:16

Tgt Ion:	164	Resp:	37355
Ion	Ratio	Lower	Upper
164	100		
129	93.5	67.3	125.1
131	90.4	65.3	121.3
166	130.7	90.9	168.7



Abundance

Ion 164.00 (163.70 to 164.70): VU026533.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026533.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026533.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026533.D (-2283) (-)

