

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080418\
 Data File : VU025831.D
 Acq On : 03 Aug 2018 20:21
 Operator : MD/SY
 Sample : J4340-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F71

Quant Time: Aug 03 23:53:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324472	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	314923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	151190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80226	43.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.62%
7) Chloroethane-d5	1.68	69	65833	43.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.18%
11) 1,1-Dichloroethene-d2	2.27	63	123557	32.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.08%
21) 2-Butanone-d5	4.18	46	143787	100.54	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.65	84	181574	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	128113	46.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.90%
32) Benzene-d6	5.35	84	353440	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.52%
36) 1,2-Dichloropropane-d6	6.33	67	116475	44.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.52%
41) Toluene-d8	7.57	98	330118	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	55912	42.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.12%
47) 2-Hexanone-d5	8.31	63	105186	96.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.53%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	156182	42.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	137689	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%

Target Compounds

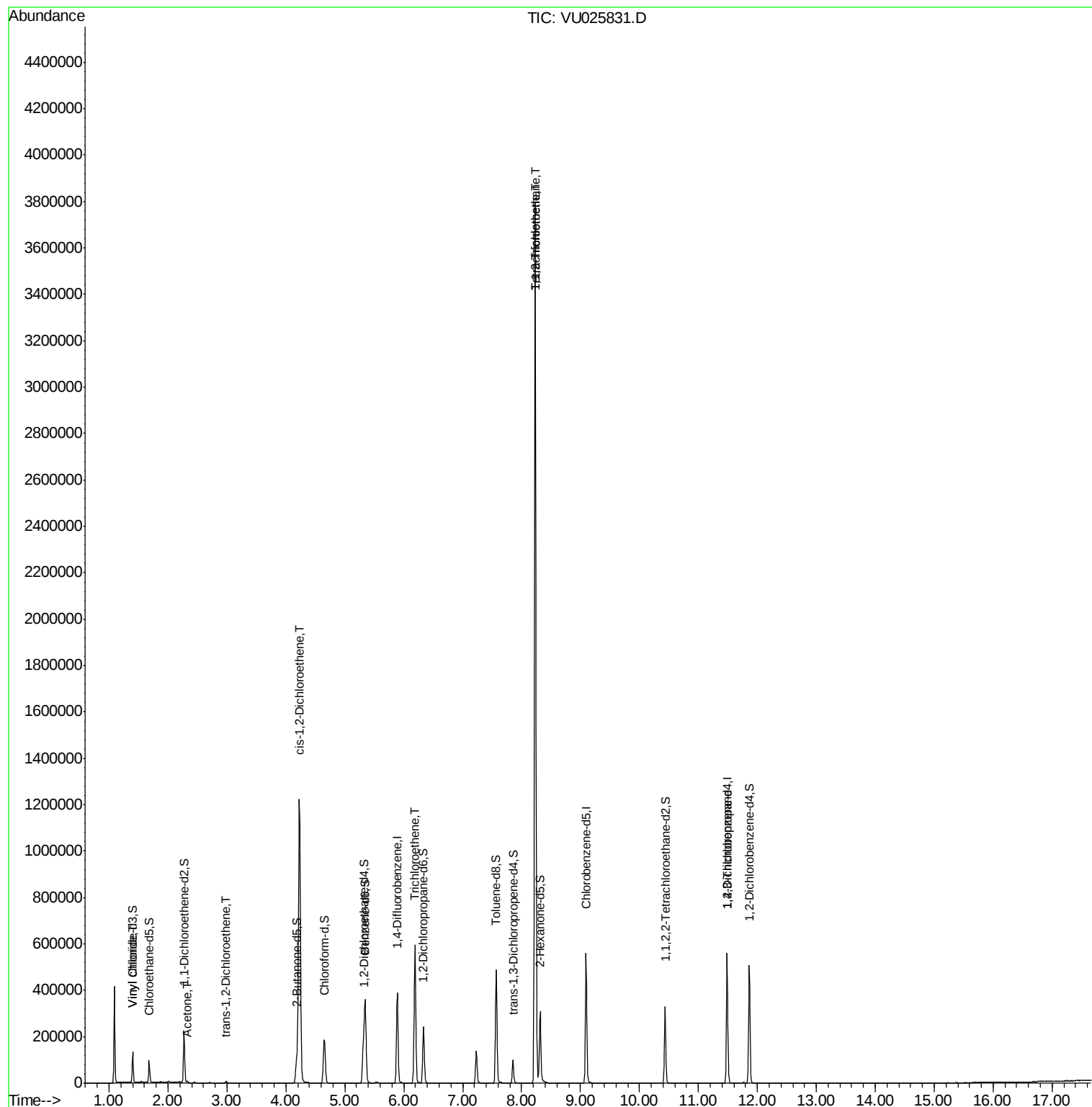
					Qvalue
5) Vinyl chloride	1.41	62	5255	2.075 ug/L #	71
13) Acetone	2.32	43	4582	2.730 ug/L	93
17) trans-1,2-Dichloroethene	2.99	96	2767	1.312 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	683058	287.021 ug/L	96
34) Trichloroethene	6.19	95	201206	83.804 ug/L	97
45) 1,1,2-Trichloroethane	8.23	97	6763	2.851 ug/L #	1
46) Tetrachloroethene	8.23	164	853418	410.016 ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	17015	5.858 ug/L	92

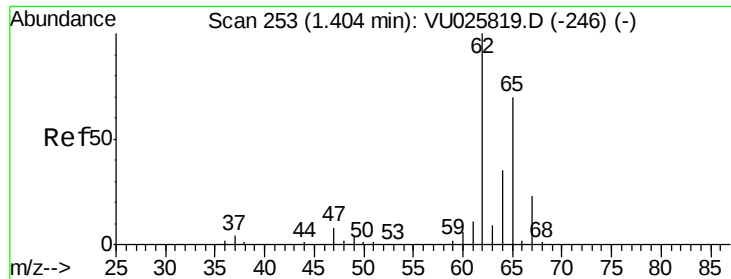
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 23:51:54 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.075 ug/L

RT: 1.41 min Scan# 254

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

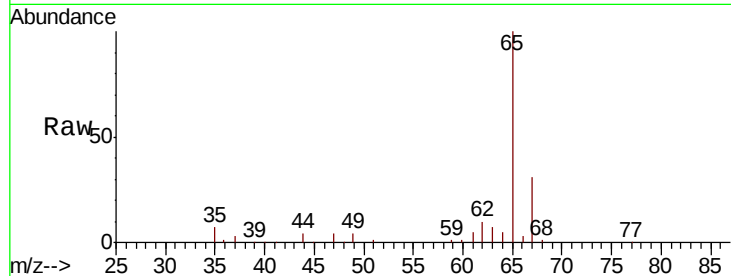
E5F71

Tgt Ion: 62 Resp: 5255

Ion Ratio Lower Upper

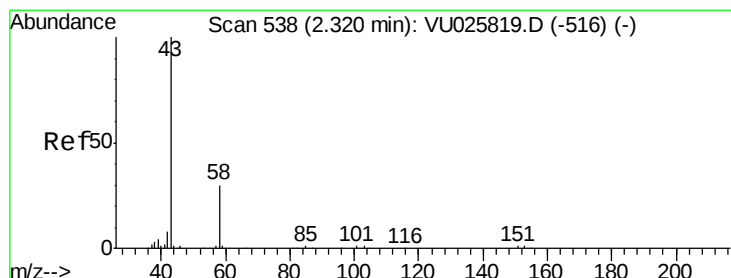
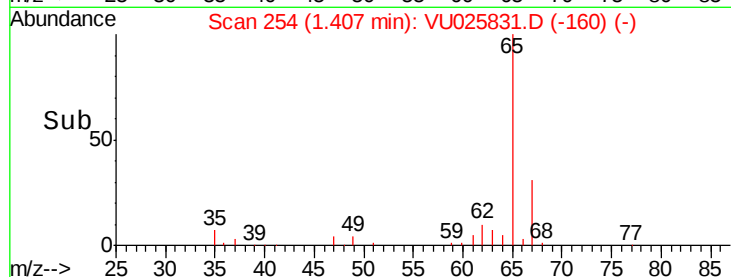
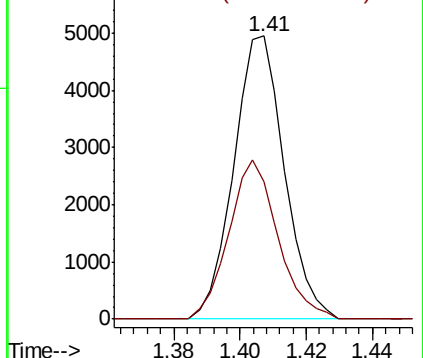
62 100

64 48.8 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 2.730 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU025831.D

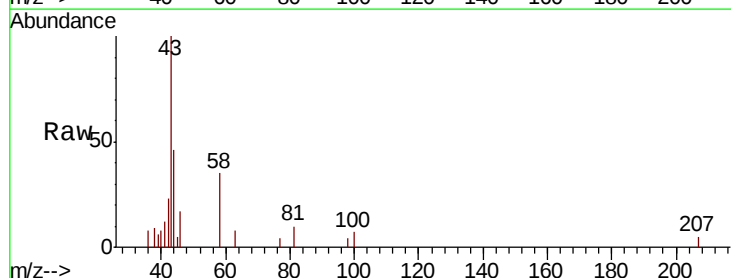
Acq: 03 Aug 2018 20:21

Tgt Ion: 43 Resp: 4582

Ion Ratio Lower Upper

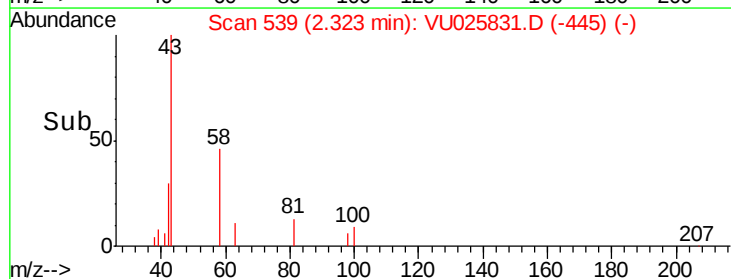
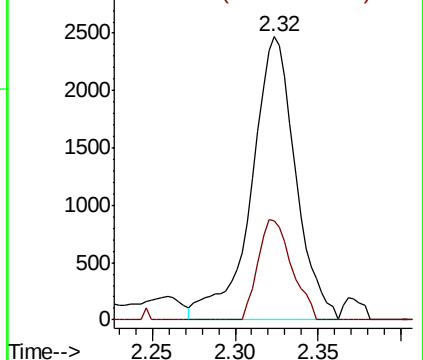
43 100

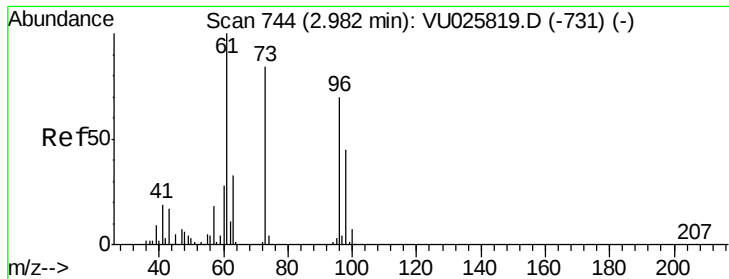
58 27.0 0.0 61.2



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: 1.312 ug/L

RT: 2.99 min Scan# 746

Delta R.T. 0.01 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

E5F71

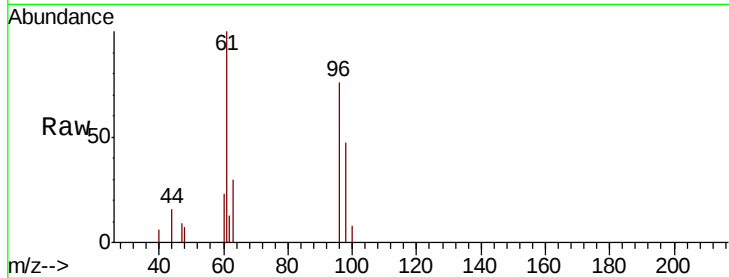
Tgt Ion: 96 Resp: 2767

Ion Ratio Lower Upper

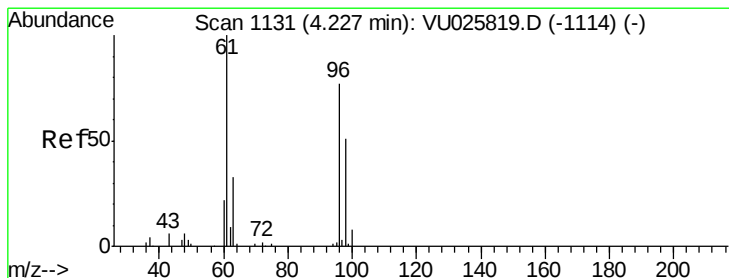
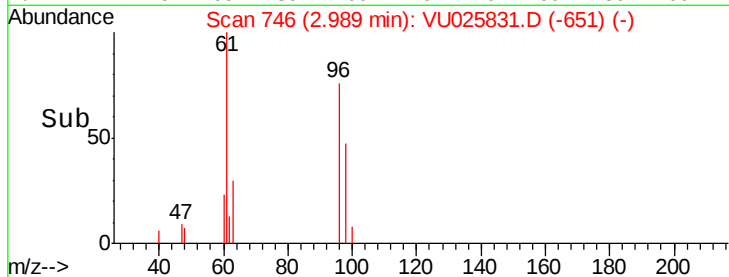
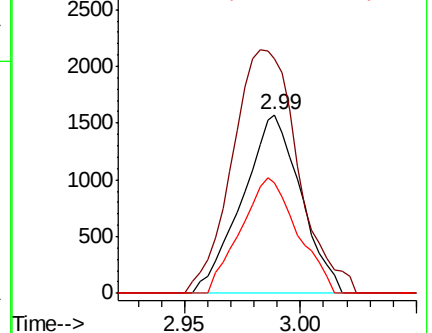
96 100

61 131.5 100.0 185.8

98 62.0 44.7 83.1



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: 287.021 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

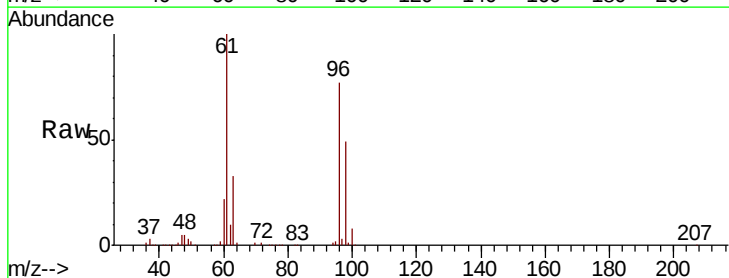
Tgt Ion: 96 Resp: 683058

Ion Ratio Lower Upper

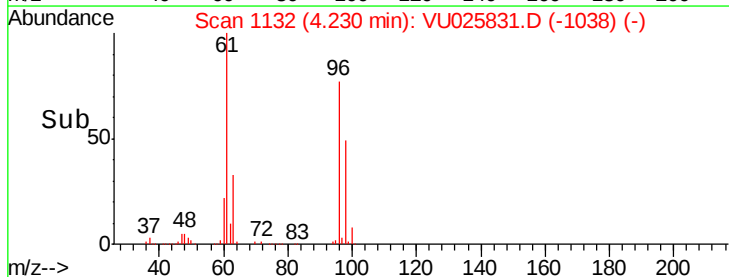
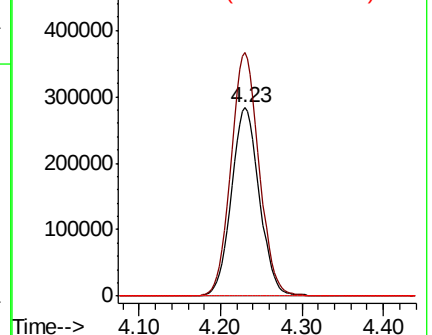
96 100

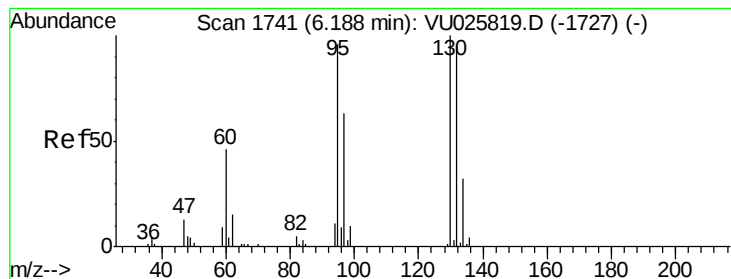
61 129.2 87.4 162.2

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: 83.804 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Instrument :

MSVOA_U

ClientSampleId :

E5F71

Tgt Ion: 95 Resp: 201206

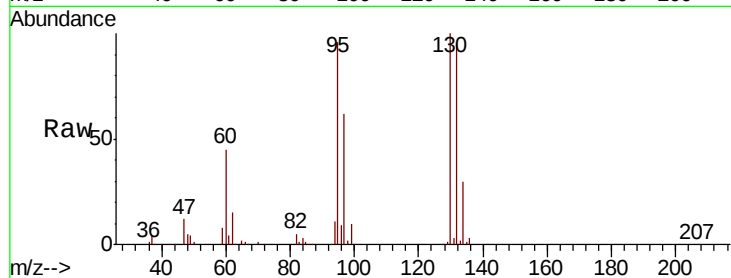
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 98.6 72.2 134.2

130 103.7 74.9 139.1

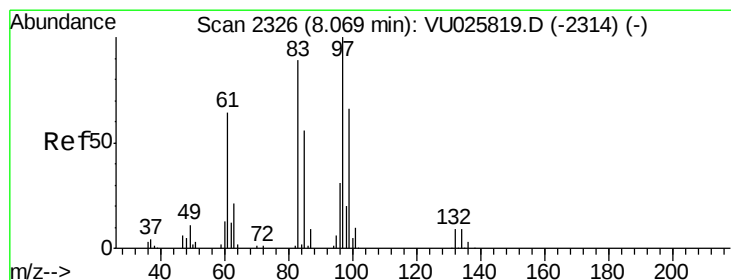
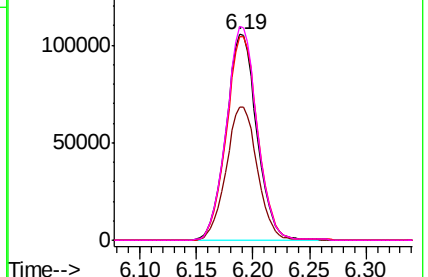
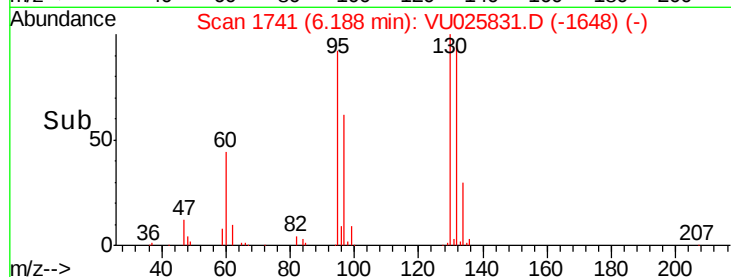


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#45

1,1,2-Trichloroethane

Concen: 2.851 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.16 min

Lab File: VU025831.D

Acq: 03 Aug 2018 20:21

Tgt Ion: 97 Resp: 6763

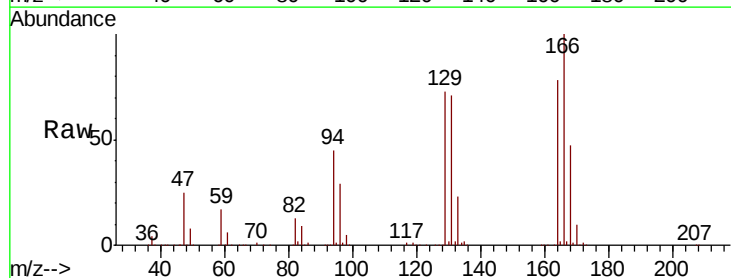
Ion Ratio Lower Upper

97 100

99 16.8 44.3 82.3#

83 249.4 59.8 111.1#

85 34.3 37.9 70.5#

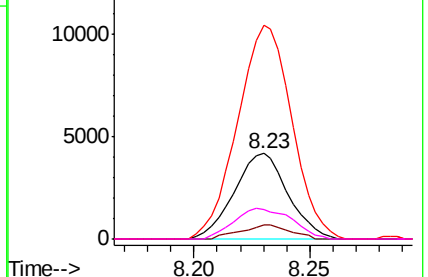
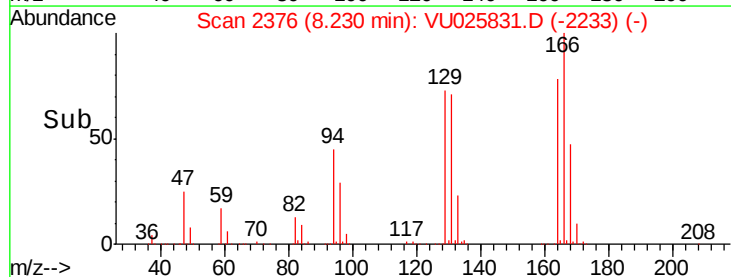


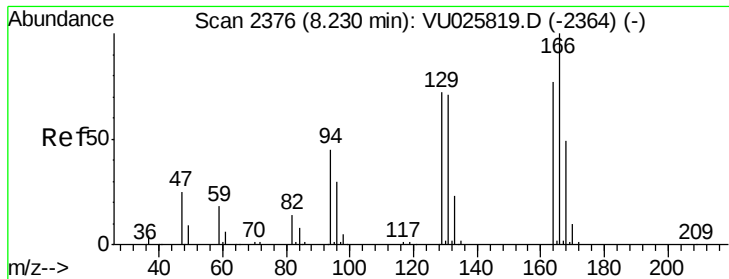
Abundance Ion 97.00 (96.70 to 97.70): VU0

Ion 99.00 (98.70 to 99.70): VU0

Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

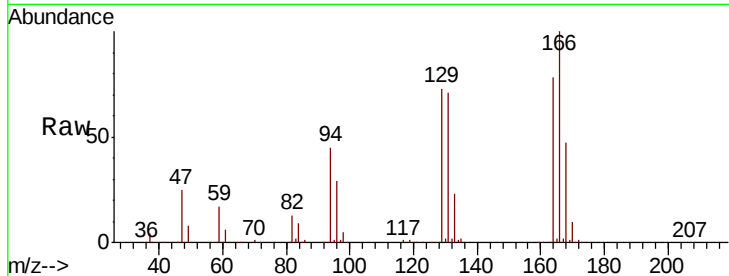




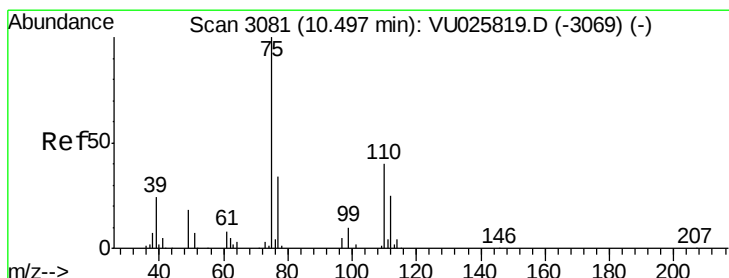
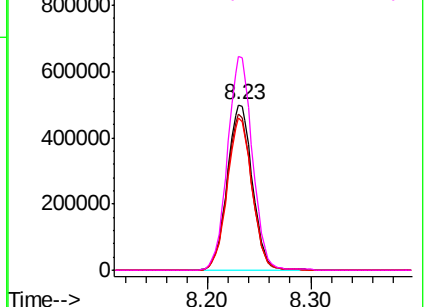
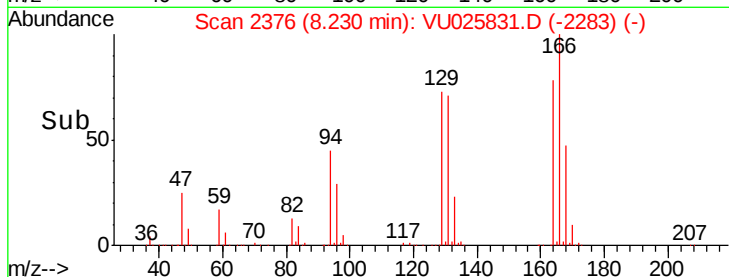
#46
Tetrachloroethene
Concen: 410.016 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU025831.D
Acq: 03 Aug 2018 20:21

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 853418
Ion Ratio Lower Upper
164 100
129 94.1 65.1 120.9
131 91.6 62.8 116.6
166 128.8 89.7 166.7

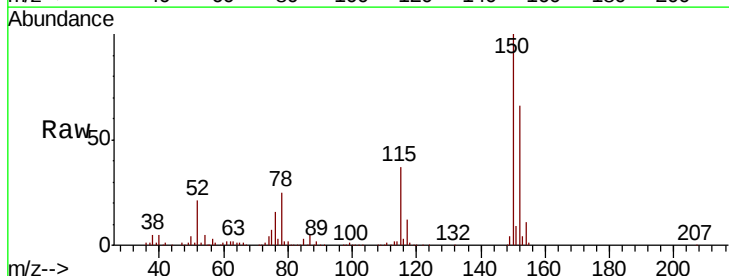


Abundance Ion 164.00 (163.70 to 164.70): V
1000000
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 5.858 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU025831.D
Acq: 03 Aug 2018 20:21

Tgt Ion: 75 Resp: 17015
Ion Ratio Lower Upper
75 100
77 36.9 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0
12000
Ion 77.00 (76.70 to 77.70): VU0

