

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026435.D
 Acq On : 29 Aug 2018 20:33
 Operator : MD/SY
 Sample : J4691-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:24:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68784	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42720	44.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.28%
7) Chloroethane-d5	1.68	69	40918	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.70%
11) 1,1-Dichloroethene-d2	2.27	63	69716	32.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.70%
21) 2-Butanone-d5	4.18	46	72236	97.26	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	4.65	84	82268	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	5.31	65	56187	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
32) Benzene-d6	5.35	84	166635	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
36) 1,2-Dichloropropane-d6	6.33	67	56423	48.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.84%
41) Toluene-d8	7.57	98	155565	47.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.85	79	24467	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.31	63	55135	103.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.16%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	77871	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	63353	50.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.54%

Target Compounds

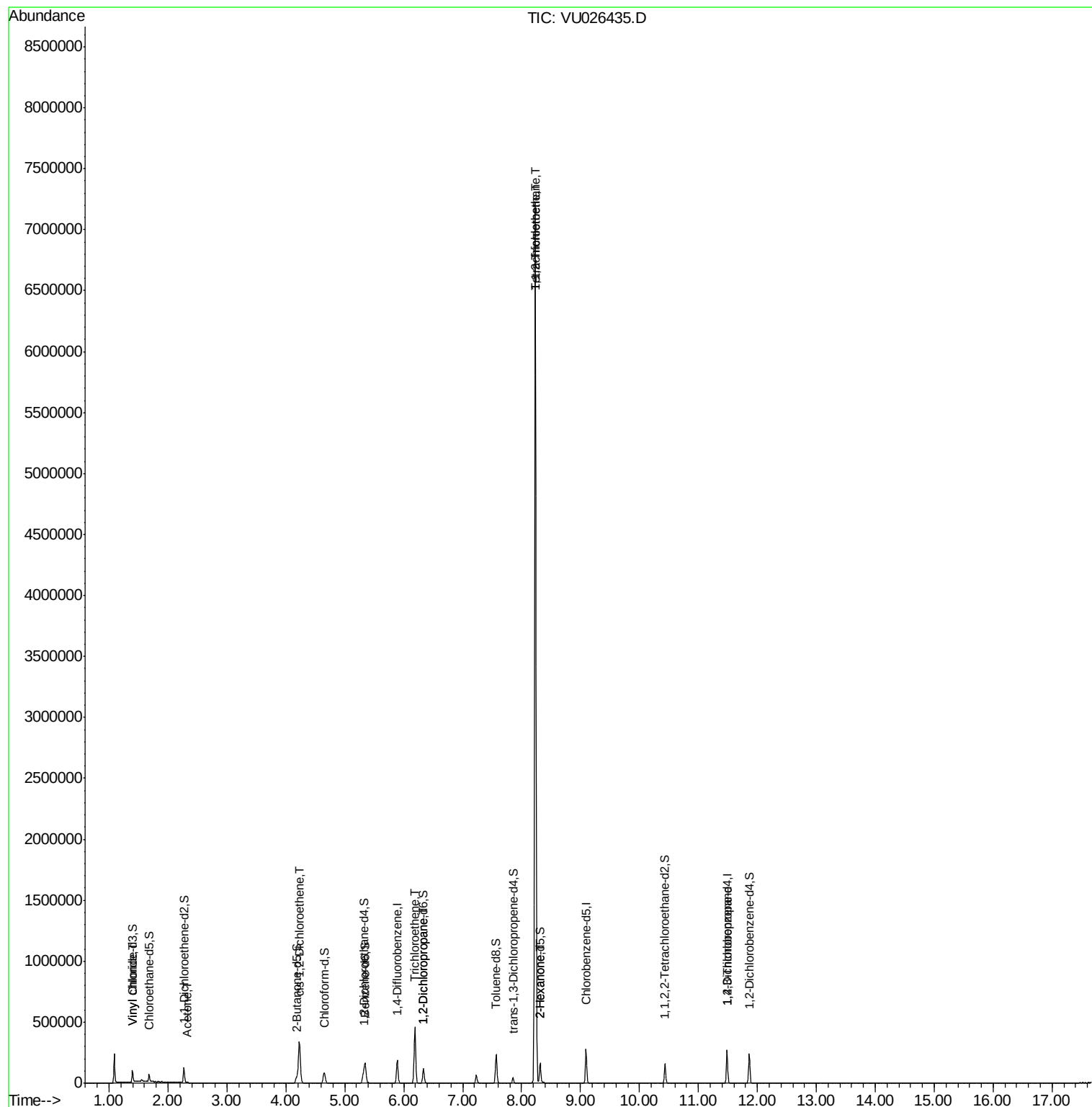
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	19167	11.890	ug/L	92
13) Acetone	2.32	43	7739	12.034	ug/L	95
20) cis-1,2-Dichloroethene	4.23	96	190903	170.902	ug/L	97
34) Trichloroethene	6.19	95	155747	147.154	ug/L	98
37) 1,2-Dichloropropane	6.33	63	6331	5.420	ug/L #	88
45) 1,1,2-Trichloroethane	8.23	97	12362	11.552	ug/L #	1
46) Tetrachloroethene	8.23	164	1513099	1748.596	ug/L	98
48) 2-Hexanone	8.31	43	6586	5.308	ug/L #	67
59) 1,2,3-Trichloropropane	11.49	75	8658	5.940	ug/L	92

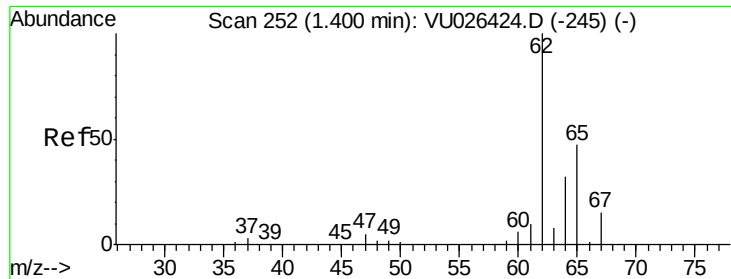
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 30 02:24:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 30 02:20:47 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 11.890 ug/L

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU026435.D

Acq: 29 Aug 2018 20:33

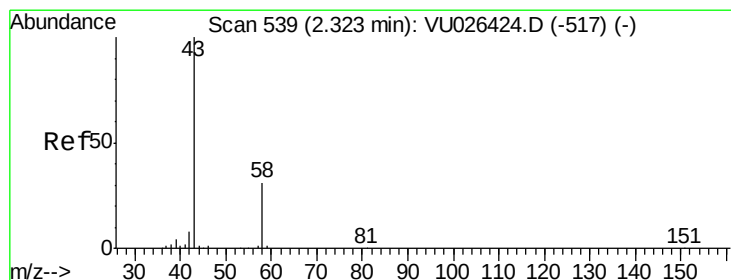
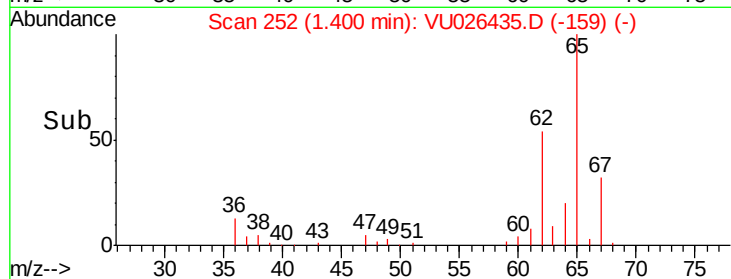
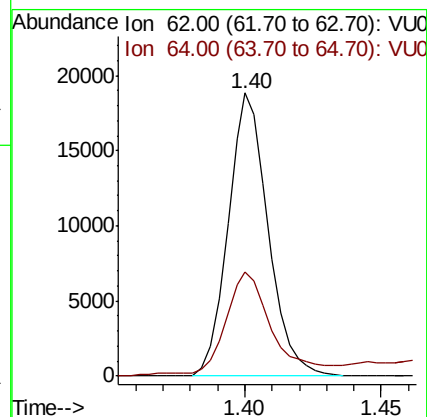
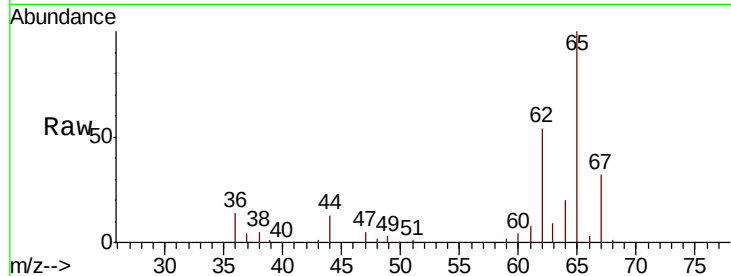
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 19167

Ion Ratio Lower Upper

62 100

64 36.7 22.4 41.6



#13

Acetone

Concen: 12.034 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026435.D

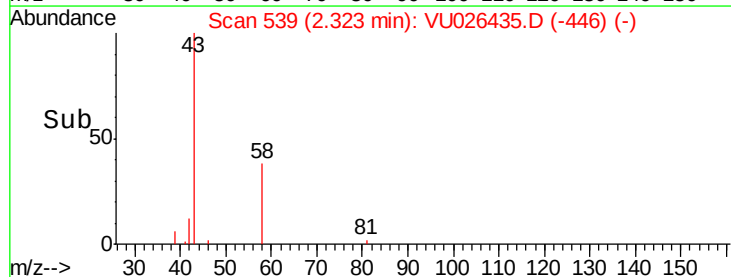
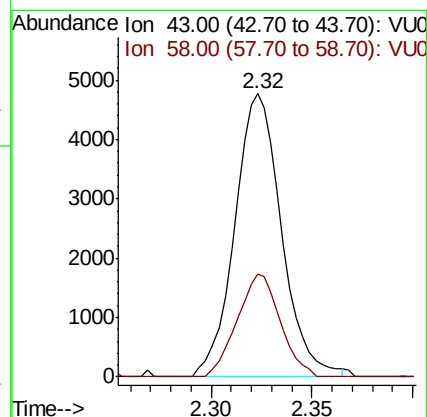
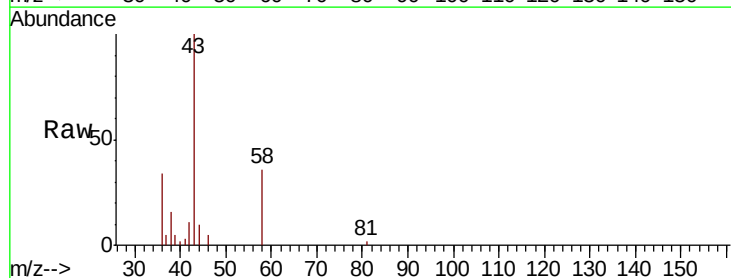
Acq: 29 Aug 2018 20:33

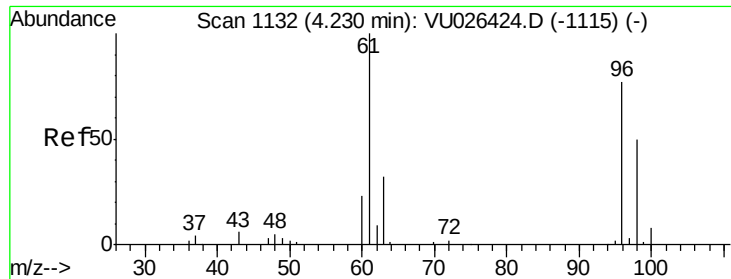
Tgt Ion: 43 Resp: 7739

Ion Ratio Lower Upper

43 100

58 33.5 0.0 61.2

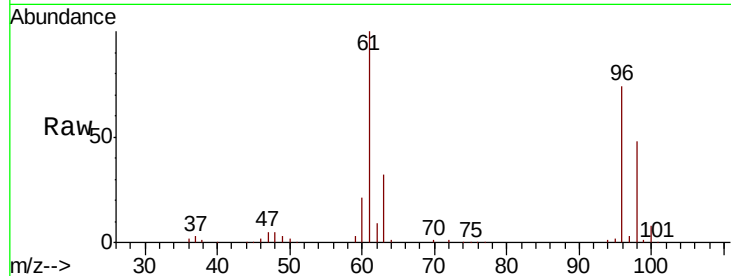




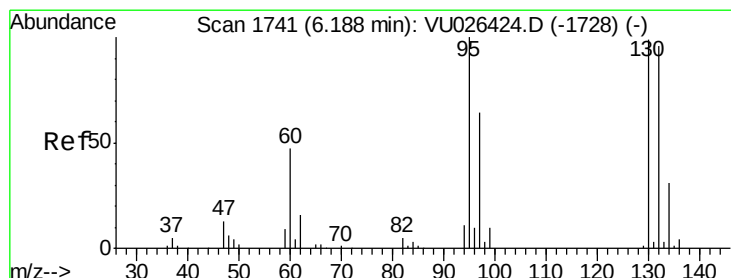
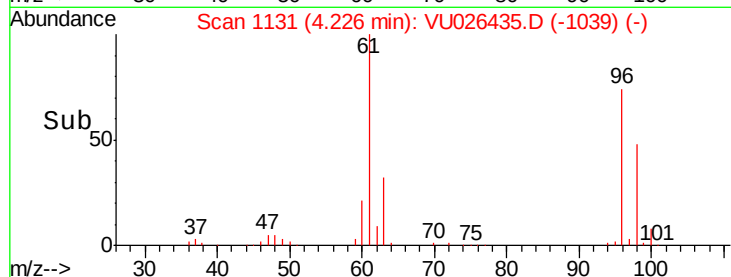
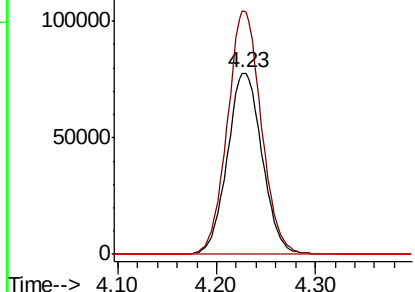
#20
 cis-1,2-Dichloroethene
 Concen: 170.902 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026435.D
 Acq: 29 Aug 2018 20:33

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 190903
 Ion Ratio Lower Upper
 96 100
 61 134.4 91.6 170.2
 68 0.0 0.0 0.0

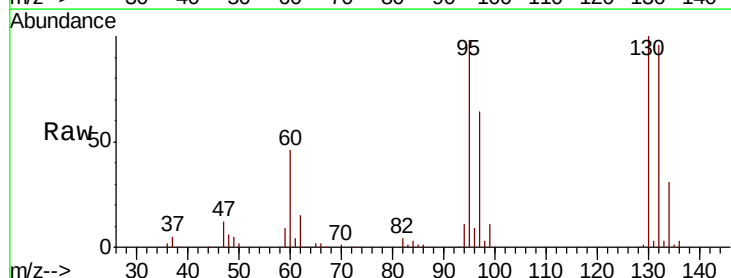


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

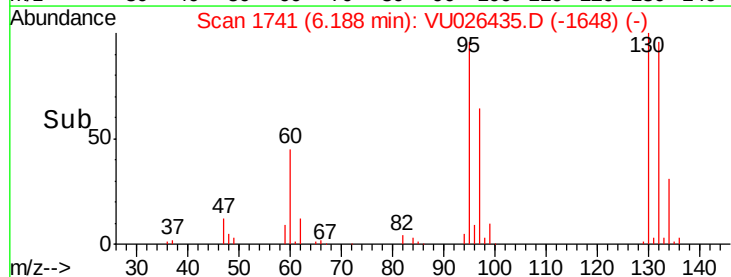
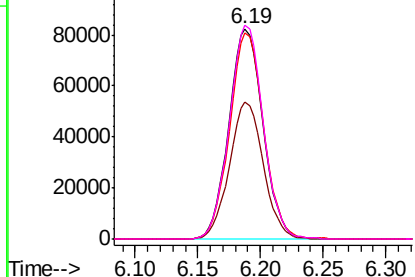


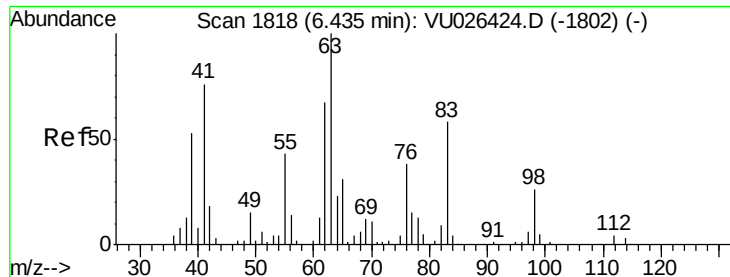
#34
 Trichloroethene
 Concen: 147.154 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026435.D
 Acq: 29 Aug 2018 20:33

Tgt Ion: 95 Resp: 155747
 Ion Ratio Lower Upper
 95 100
 97 65.2 45.1 83.7
 132 97.8 67.5 125.3
 130 101.7 69.3 128.7



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

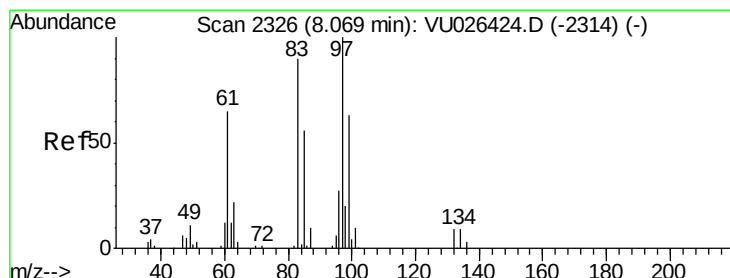
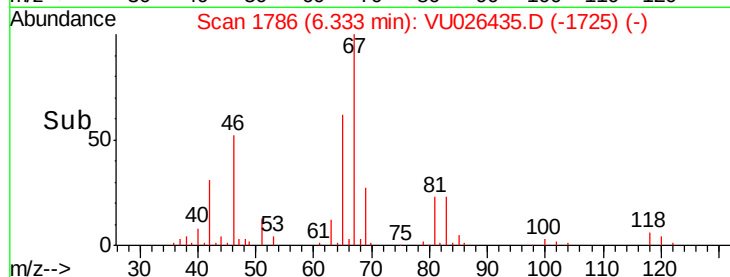
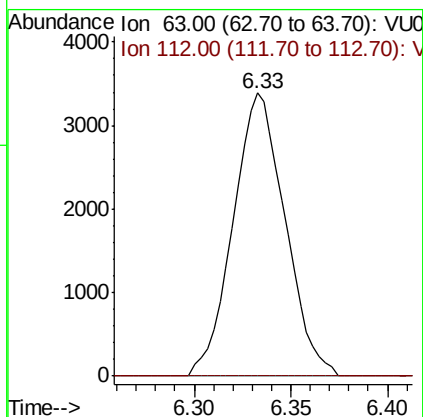
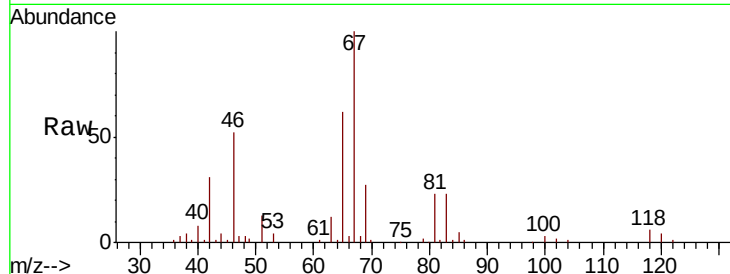




#37
 1,2-Dichloropropane
 Concen: 5.420 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026435.D
 Acq: 29 Aug 2018 20:33

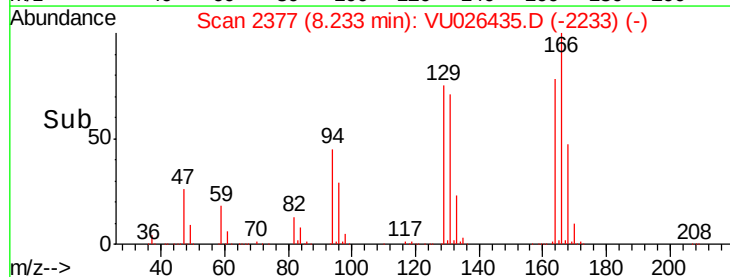
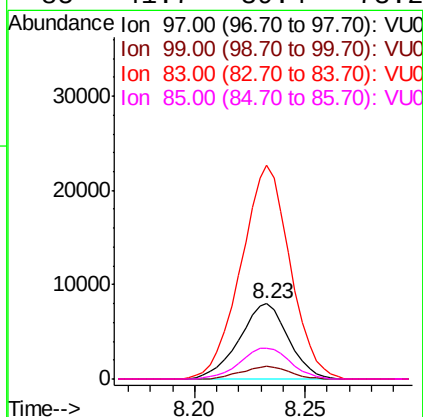
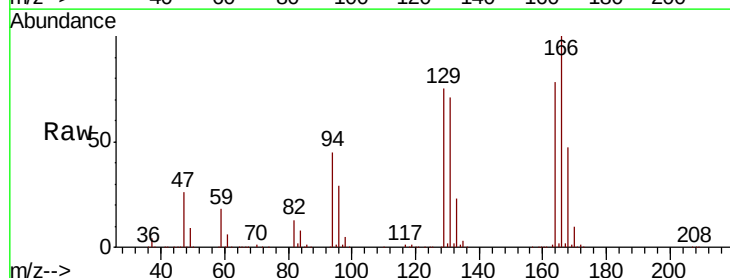
Instrument :
 MSVOA_U
 ClientSampleId :

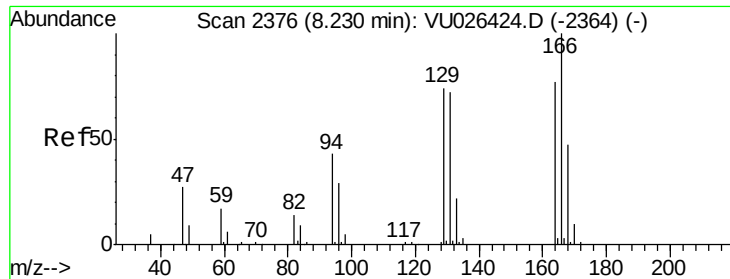
Tot Ion: 63 Resp: 6331
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#45
 1,1,2-Trichloroethane
 Concen: 11.552 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.16 min
 Lab File: VU026435.D
 Acq: 29 Aug 2018 20:33

Tgt Ion: 97 Resp: 12362
 Ion Ratio Lower Upper
 97 100
 99 16.3 43.9 81.5#
 83 283.6 62.7 116.5#
 85 41.7 39.4 73.2





#46

Tetrachloroethene

Concen: 1748.596 ug/L

RT: 8.23 min Scan# 2377

Delta R.T. 0.00 min

Lab File: VU026435.D

Acq: 29 Aug 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:164 Resp: 1513099

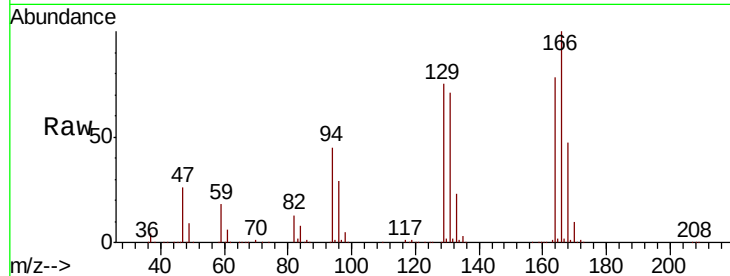
Ion Ratio Lower Upper

164 100

129 95.2 67.3 125.1

131 91.1 65.3 121.3

166 127.7 90.9 168.7

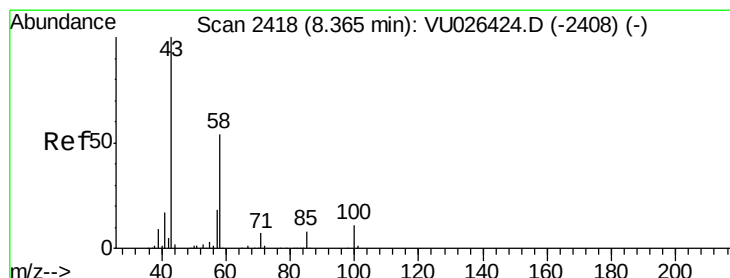
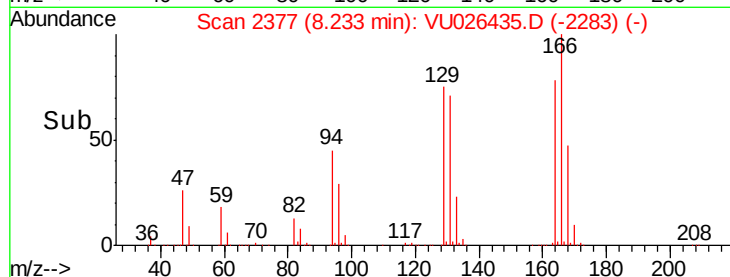
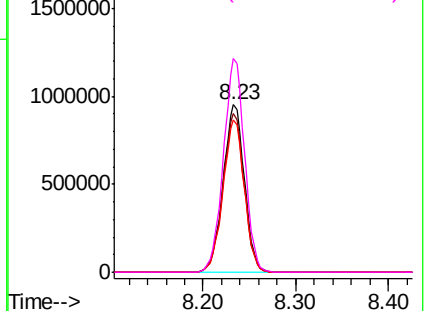


Abundance Ion 164.00 (163.70 to 164.70): V

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



#48

2-Hexanone

Concen: 5.308 ug/L

RT: 8.31 min Scan# 2402

Delta R.T. -0.05 min

Lab File: VU026435.D

Acq: 29 Aug 2018 20:33

Tgt Ion: 43 Resp: 6586

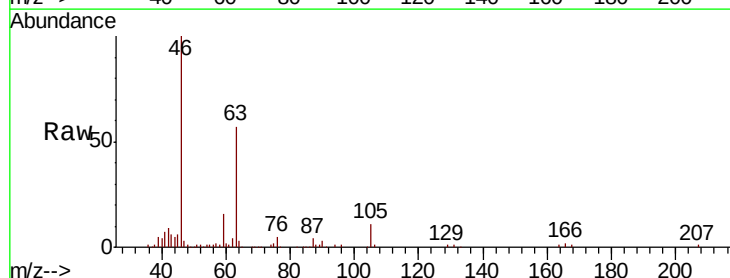
Ion Ratio Lower Upper

43 100

58 24.6 42.2 63.4#

57 24.5 14.6 21.8#

100 0.0 8.3 12.5#

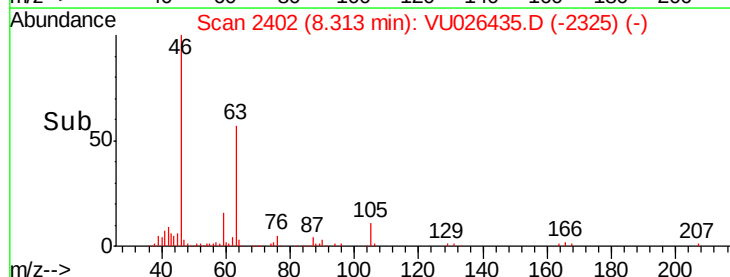
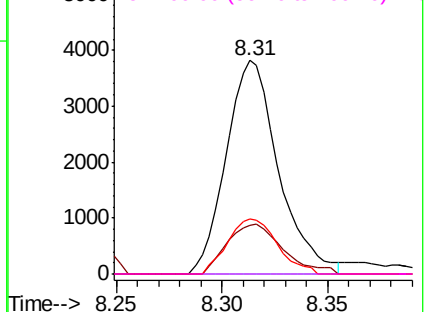


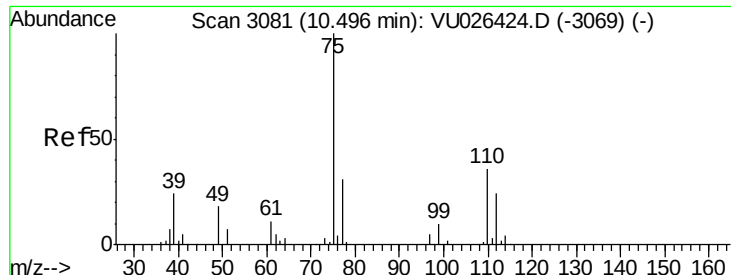
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0





#59

1,2,3-Trichloropropane

Concen: 5.940 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026435.D

Acq: 29 Aug 2018 20:33

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 8658

Ion Ratio Lower Upper

75 100

77 35.5 25.0 37.6

