

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026430.D
 Acq On : 29 Aug 2018 18:37
 Operator : MD/SY
 Sample : J4691-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:24:01 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	150757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43493	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.68	69	41083	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	72168	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.18	46	71630	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.65	84	83205	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.31	65	58212	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.35	84	168256	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	57045	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.57	98	159781	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.85	79	26164	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.31	63	55820	102.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78708	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	67321	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

Target Compounds

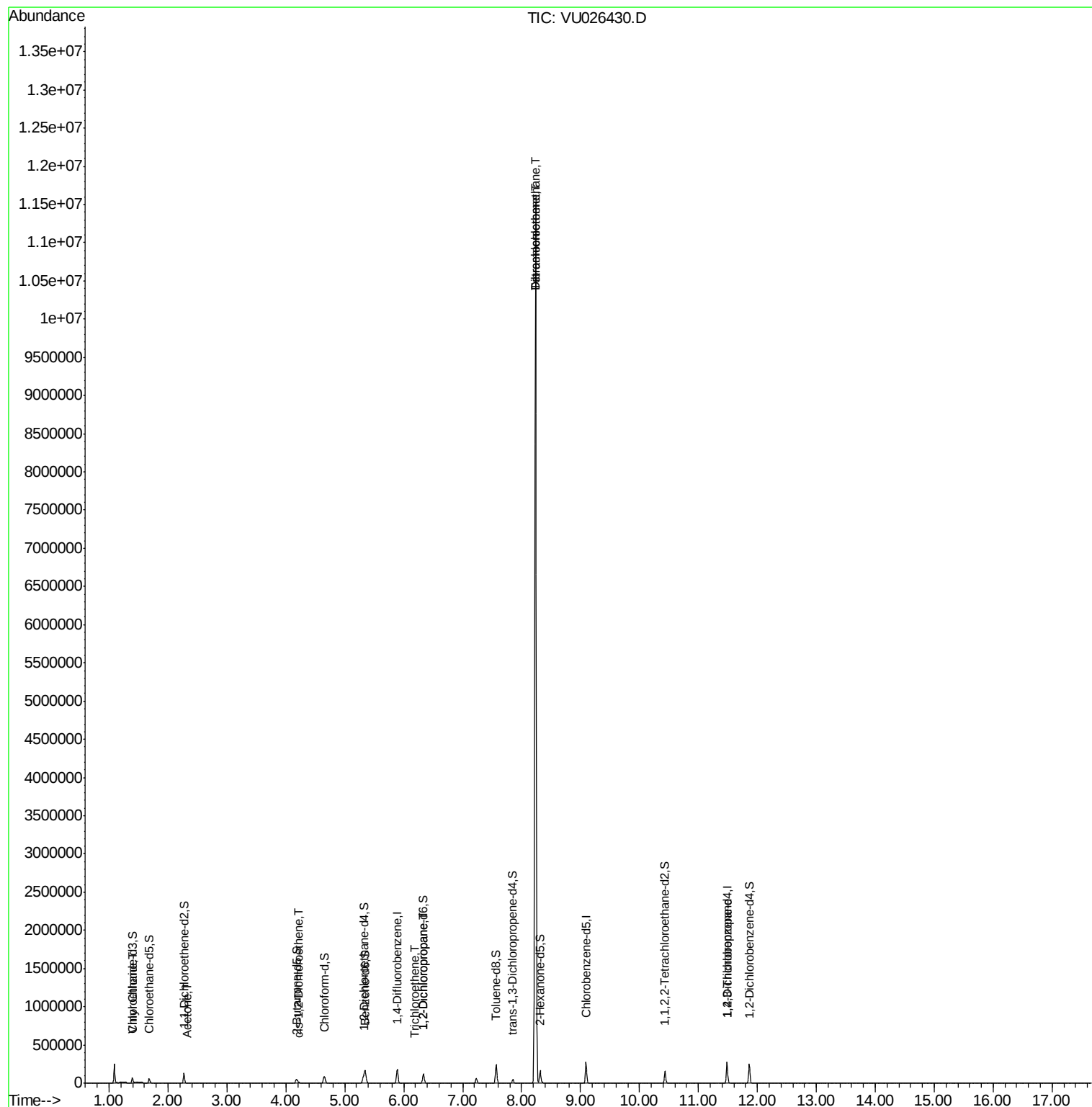
					Ovalue
8) Chloroethane	1.40	64	1573	1.665 ug/L #	1
13) Acetone	2.32	43	4405	7.017 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	2483	2.277 ug/L	93
34) Trichloroethene	6.19	95	2039	1.888 ug/L	90
37) 1,2-Dichloropropane	6.33	63	6076	5.097 ug/L #	88
46) Tetrachloroethene	8.24	164	2428240	2749.895 ug/L	99
49) Dibromochloromethane	8.24	129	2305222	1873.468 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	8814	5.926 ug/L	91

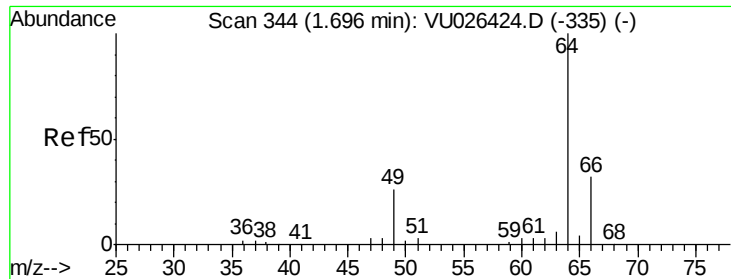
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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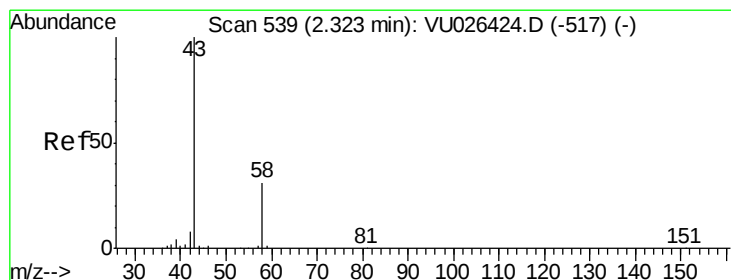
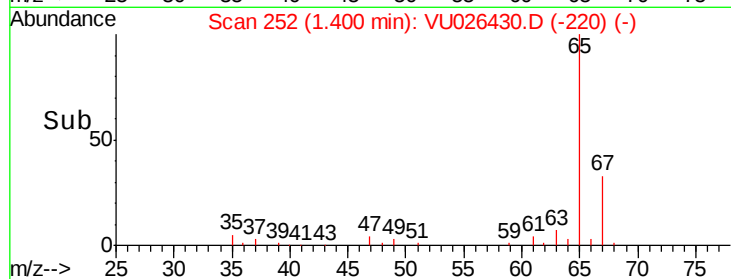
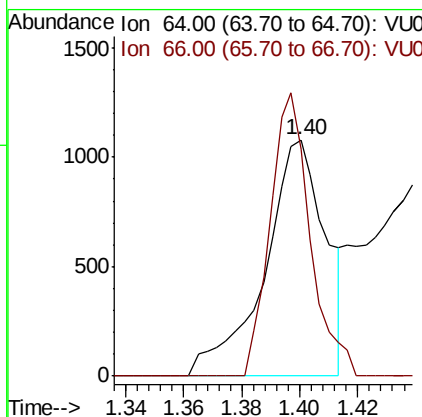
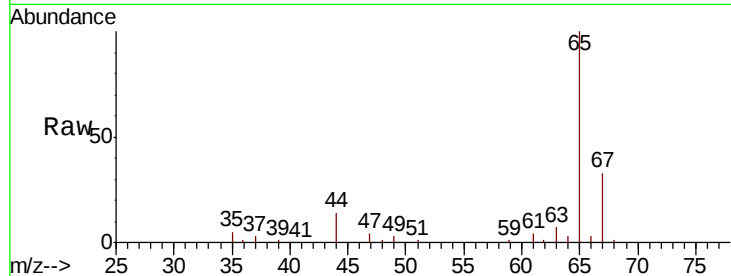




#8
 Chloroethane
 Concen: 1.665 ug/L
 RT: 1.40 min Scan# 252
 Delta R.T. -0.30 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

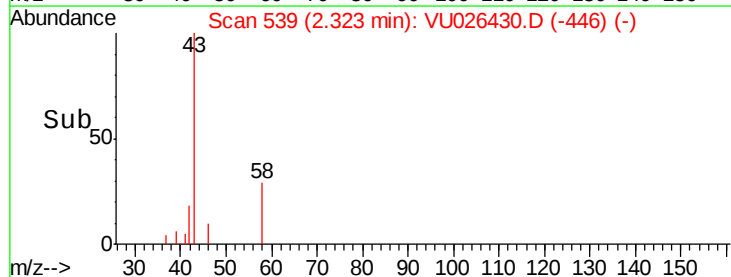
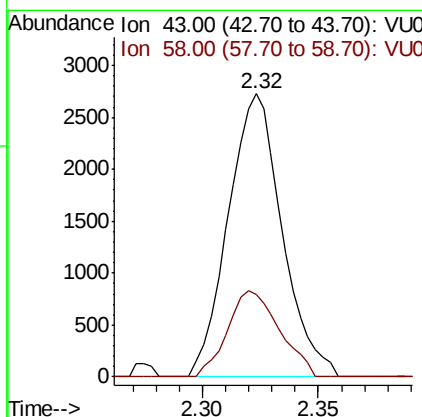
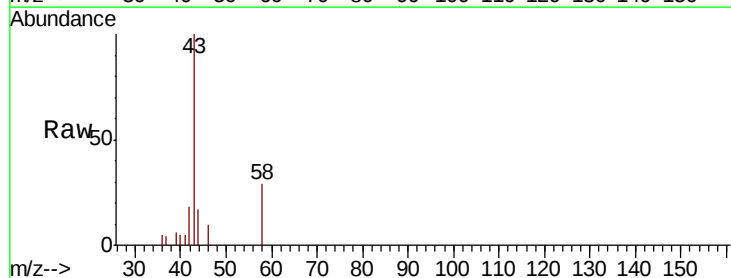
Instrument :
 MSVOA_U
 ClientSampled :

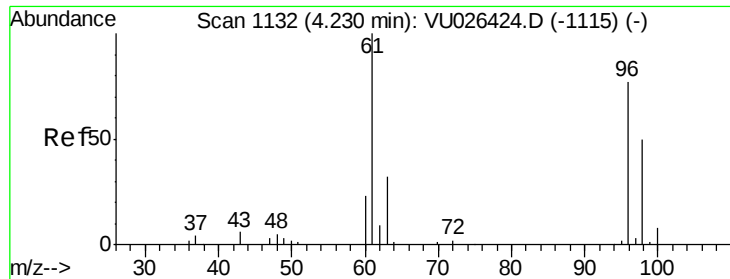
Tot Ion: 64 Resp: 1573
 Ion Ratio Lower Upper
 64 100
 66 95.9 22.2 41.2#



#13
 Acetone
 Concen: 7.017 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

Tgt Ion: 43 Resp: 4405
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 61.2

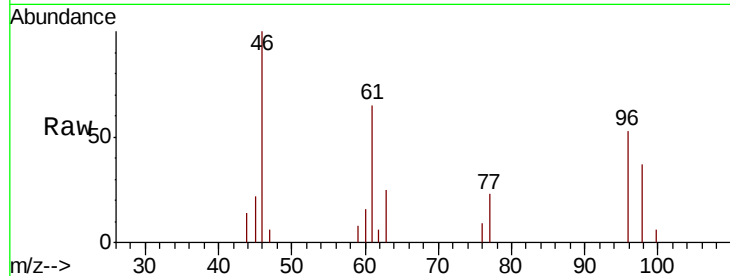




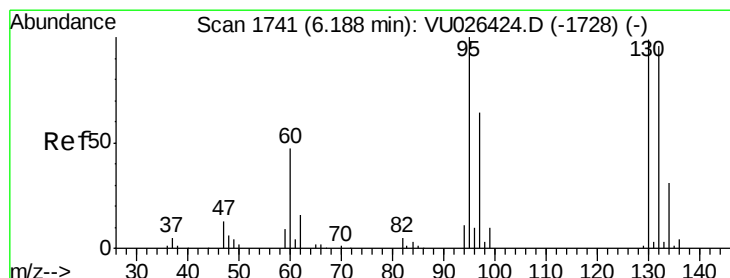
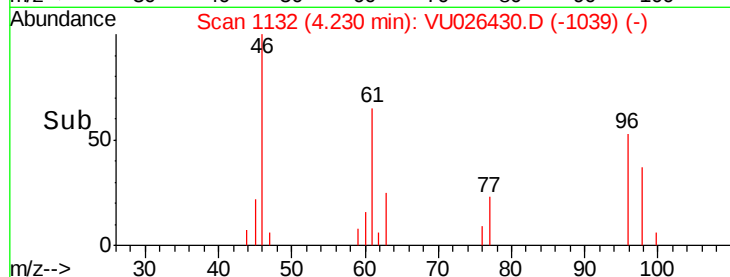
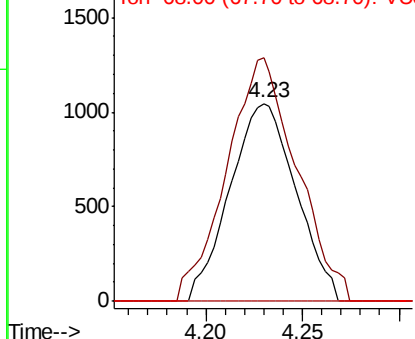
#20
 cis-1,2-Dichloroethene
 Concen: 2.277 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 2483
 Ion Ratio Lower Upper
 96 100
 61 123.0 91.6 170.2
 68 0.0 0.0 0.0

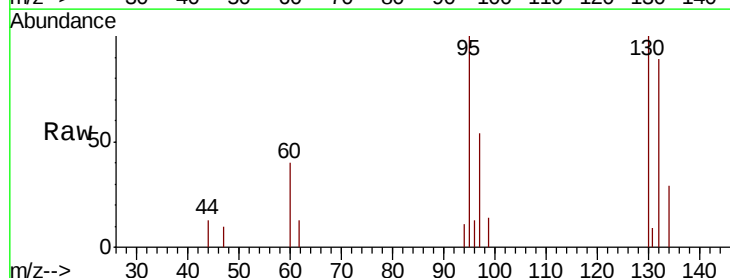


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

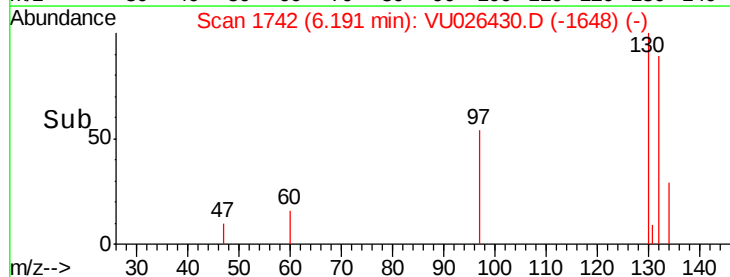
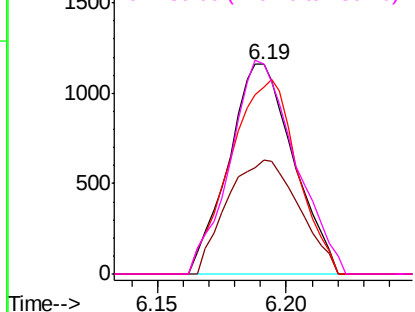


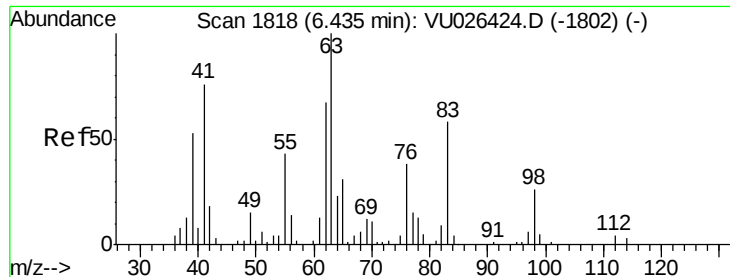
#34
 Trichloroethene
 Concen: 1.888 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

Tgt Ion: 95 Resp: 2039
 Ion Ratio Lower Upper
 95 100
 97 54.0 45.1 83.7
 132 89.0 67.5 125.3
 130 108.8 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

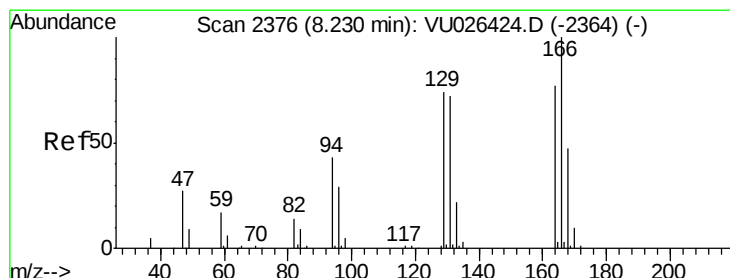
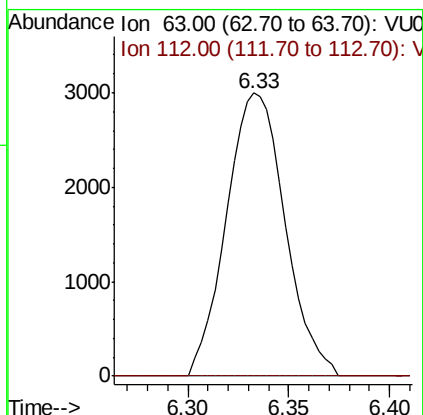
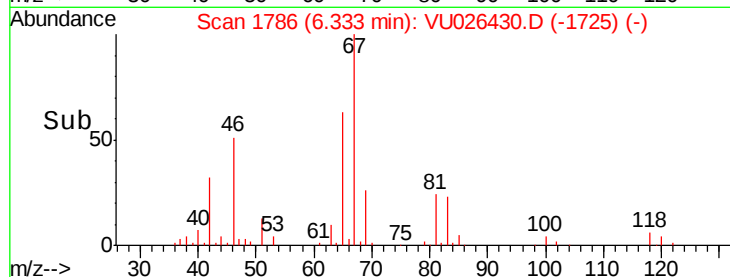
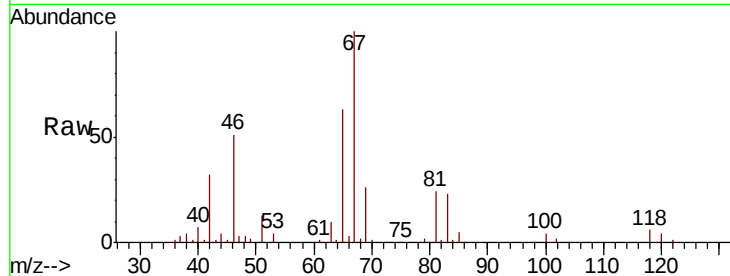




#37
 1,2-Dichloropropane
 Concen: 5.097 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

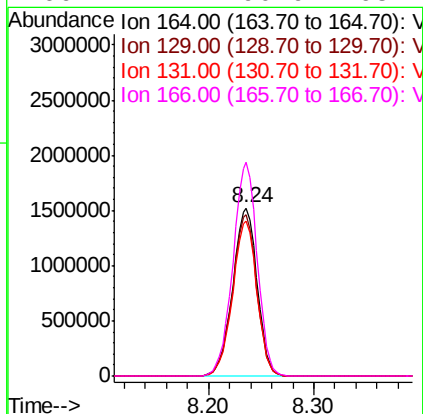
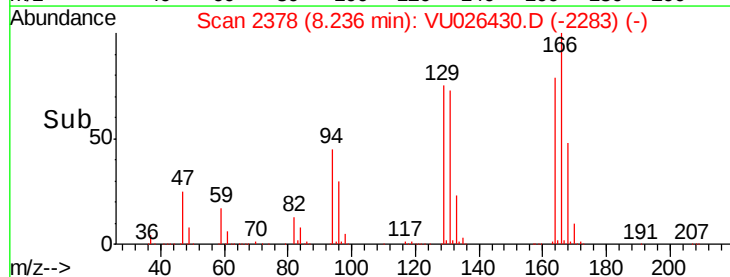
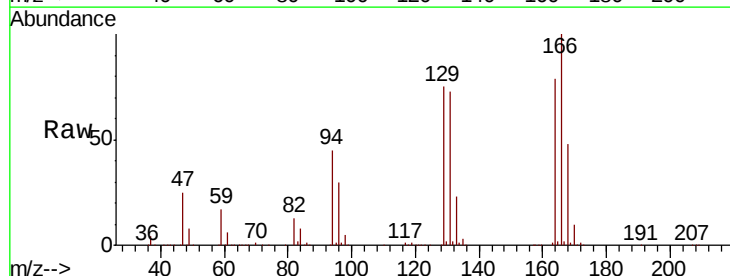
Instrument :
 MSVOA_U
 ClientSampleId :

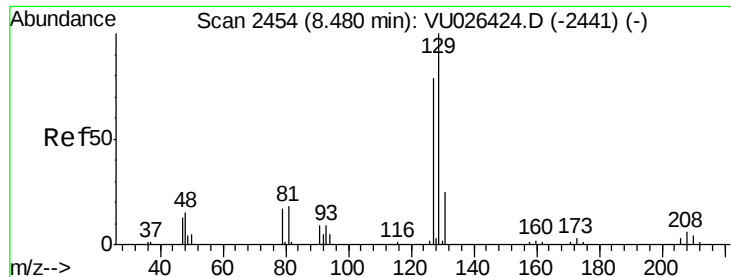
Tot Ion: 63 Resp: 6076
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 2749.895 ug/L
 RT: 8.24 min Scan# 2378
 Delta R.T. 0.01 min
 Lab File: VU026430.D
 Acq: 29 Aug 2018 18:37

Tgt Ion:164 Resp: 2428240
 Ion Ratio Lower Upper
 164 100
 129 95.7 67.3 125.1
 131 92.3 65.3 121.3
 166 127.1 90.9 168.7





#49

Dibromochloromethane

Concen: 1873.468 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. -0.24 min

Lab File: VU026430.D

Acq: 29 Aug 2018 18:37

Instrument :

MSVOA_U

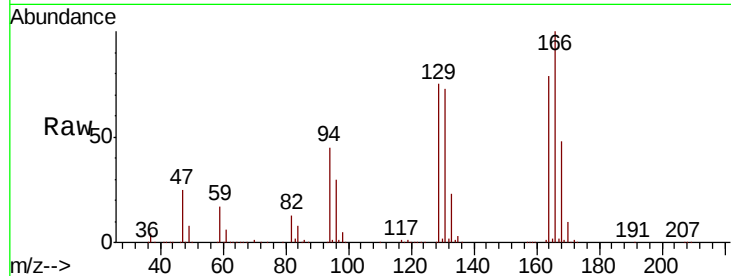
ClientSampleId :

Tot Ion:129 Resp: 2305222

Ion Ratio Lower Upper

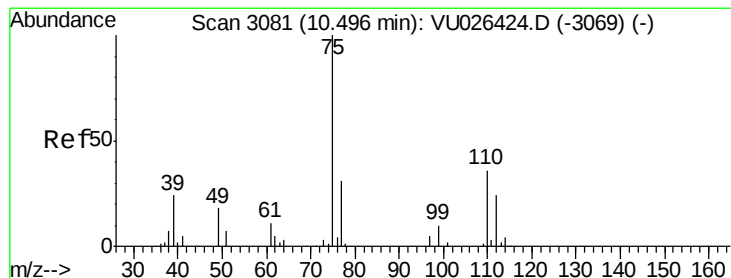
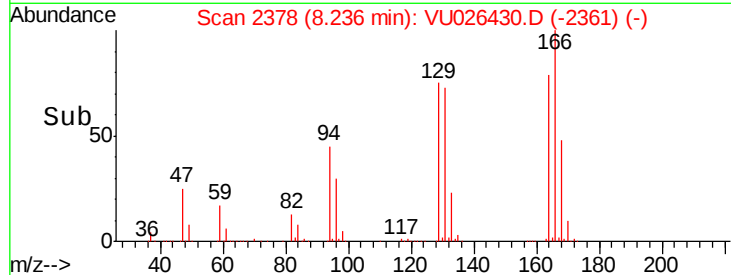
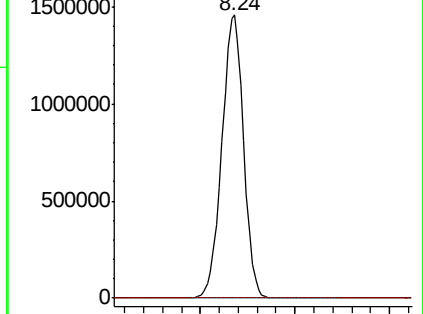
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.926 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026430.D

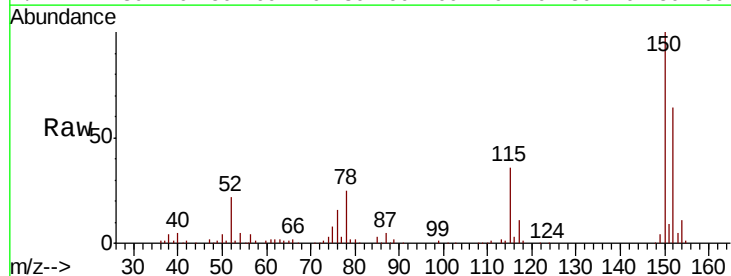
Acq: 29 Aug 2018 18:37

Tgt Ion: 75 Resp: 8814

Ion Ratio Lower Upper

75 100

77 36.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

