

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026481.D
 Acq On : 31 Aug 2018 04:56
 Operator : MD/SY
 Sample : J4694-20 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:46:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147942	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38777	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.24%
7) Chloroethane-d5	1.68	69	36648	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.27	63	57303	26.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.66%#
21) 2-Butanone-d5	4.18	46	64327	85.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.76%
24) Chloroform-d	4.65	84	74143	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.24%
26) 1,2-Dichloroethane-d4	5.31	65	51924	42.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.46%
32) Benzene-d6	5.34	84	148742	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.24%
36) 1,2-Dichloropropane-d6	6.33	67	51957	44.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.72%
41) Toluene-d8	7.57	98	135863	41.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.56%
43) trans-1,3-Dichloropropene-	7.85	79	21514	40.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.44%
47) 2-Hexanone-d5	8.31	63	45646	84.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	70960	41.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.24%
64) 1,2-Dichlorobenzene-d4	11.86	152	53225	46.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.98%

Target Compounds

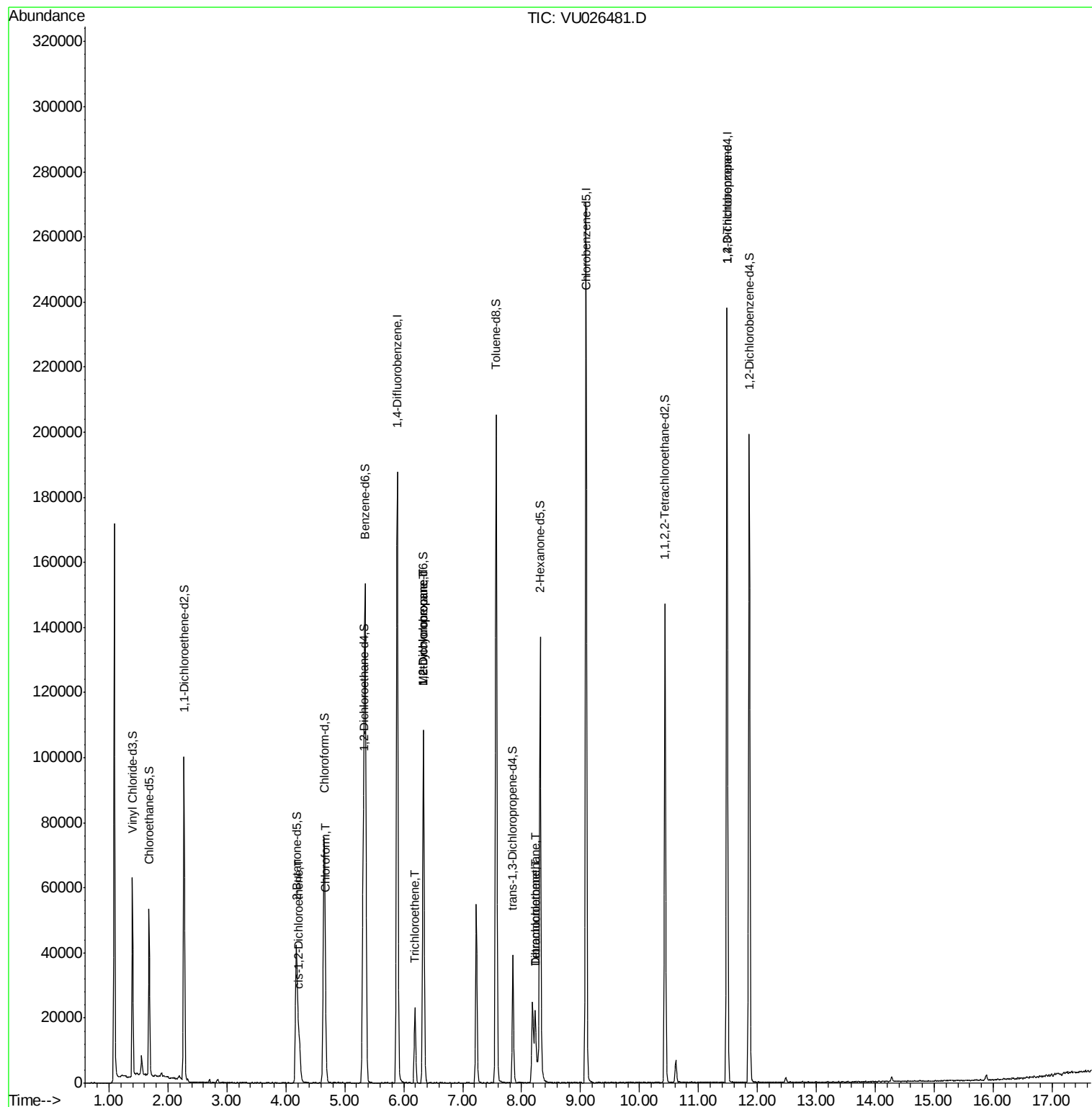
					Ovalue
20) cis-1,2-Dichloroethene	4.23	96	5978	5.299	ug/L 100
25) Chloroform	4.68	83	3157	1.562	ug/L 85
34) Trichloroethene	6.19	95	8002	7.522	ug/L 93
35) Methylcyclohexane	6.33	83	11743	7.069	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5784	4.926	ug/L # 88
46) Tetrachloroethene	8.23	164	3119	3.586	ug/L 93
49) Dibromochloromethane	8.23	129	3070	2.533	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7504	5.122	ug/L # 87

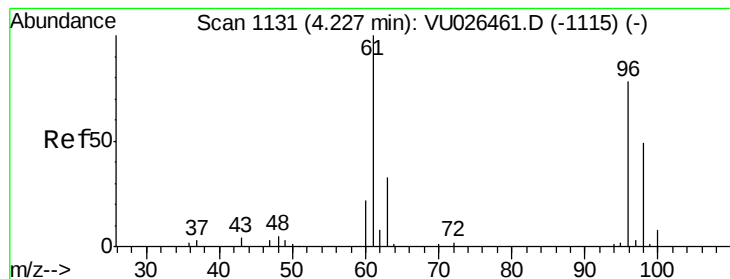
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 05:38:13 2018
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 5.299 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026481.D

Acq: 31 Aug 2018 04:56

Instrument :

MSVOA_U

ClientSampleId :

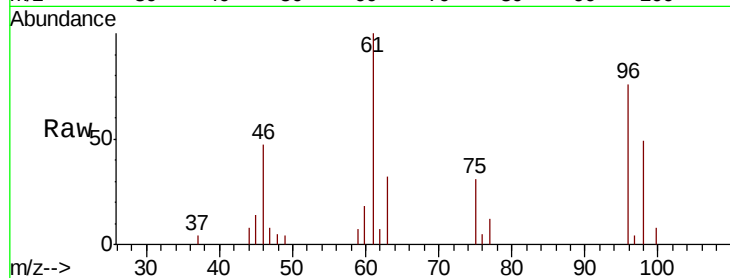
Tot Ion: 96 Resp: 5978

Ion Ratio Lower Upper

96 100

61 131.3 91.6 170.2

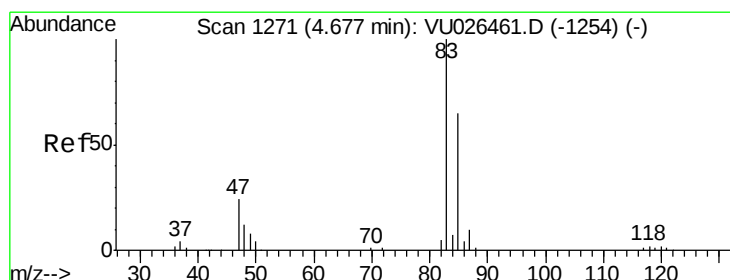
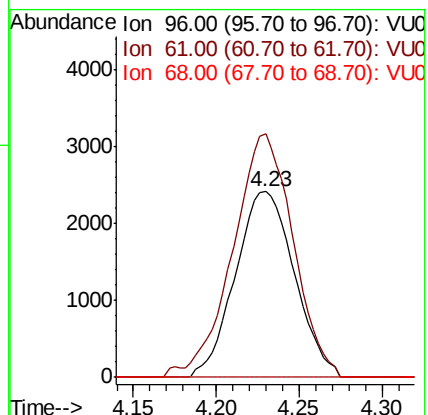
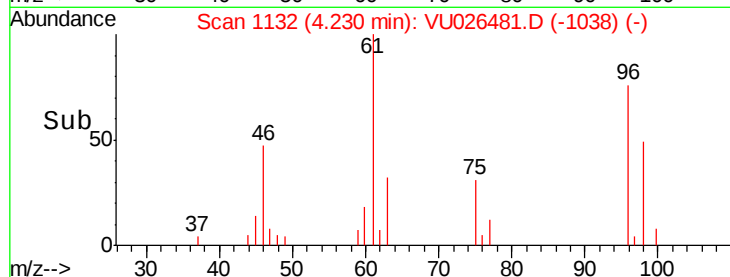
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 1.562 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VU026481.D

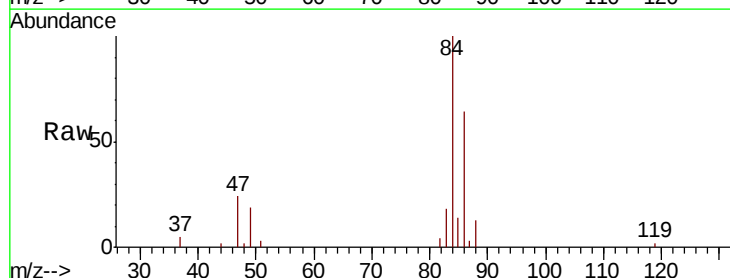
Acq: 31 Aug 2018 04:56

Tgt Ion: 83 Resp: 3157

Ion Ratio Lower Upper

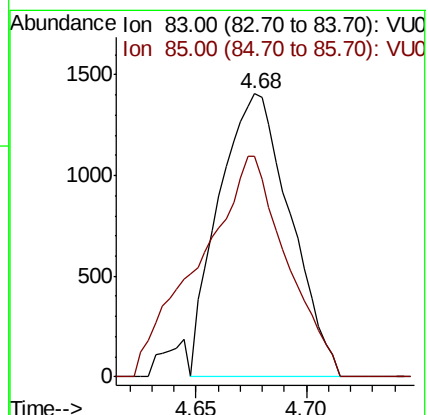
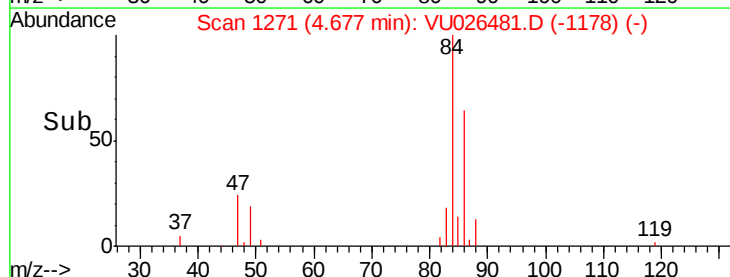
83 100

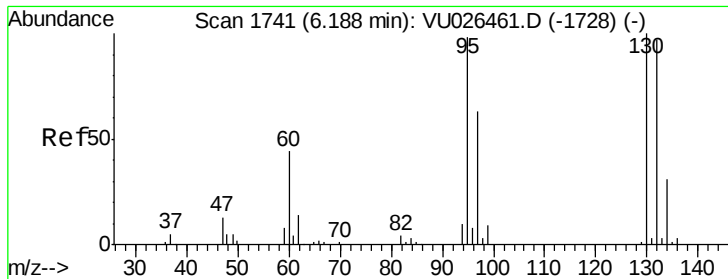
85 78.1 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 7.522 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026481.D

Acq: 31 Aug 2018 04:56

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 8002

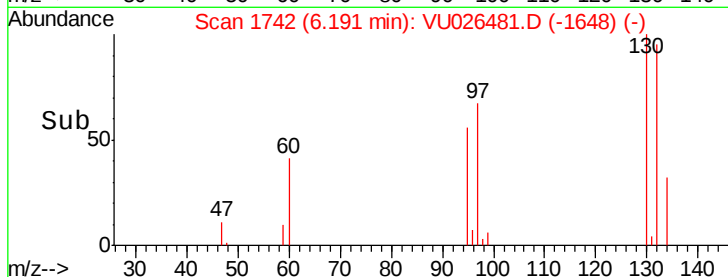
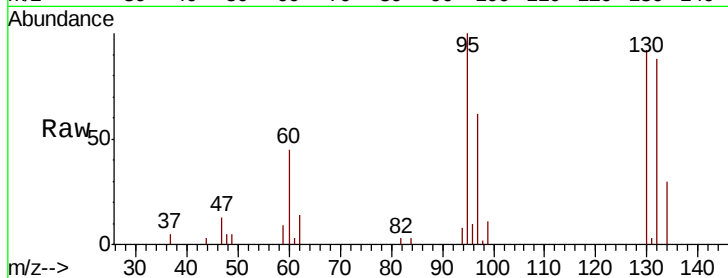
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.7

132 87.9 67.5 125.3

130 92.4 69.3 128.7

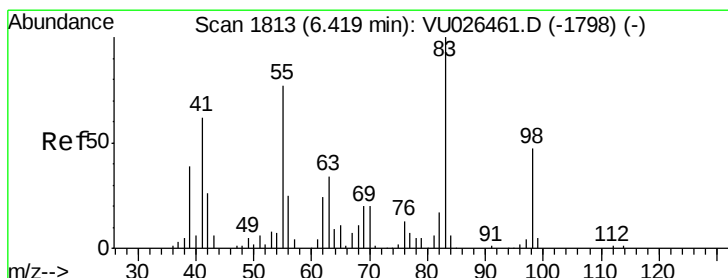
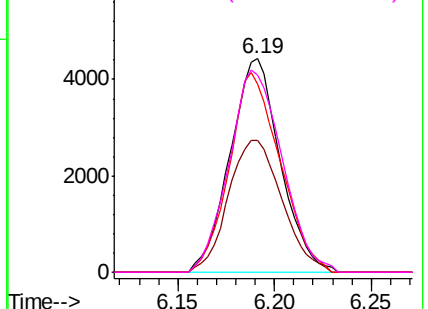


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 7.069 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026481.D

Acq: 31 Aug 2018 04:56

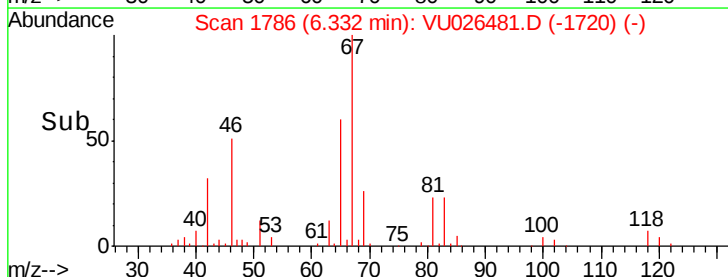
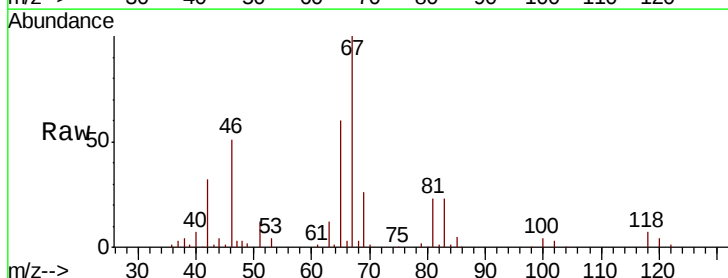
Tgt Ion: 83 Resp: 11743

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

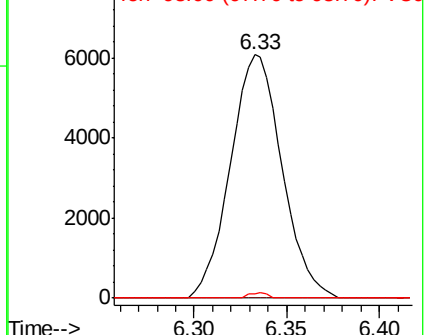
98 0.7 36.7 55.1#

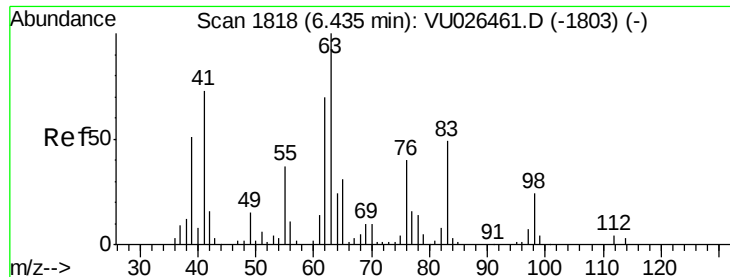


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

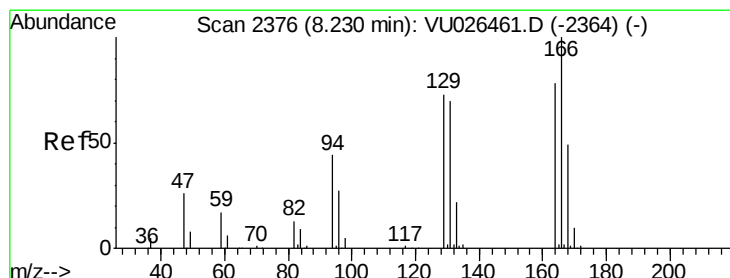
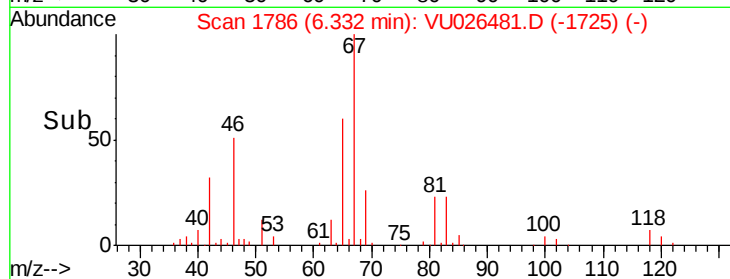
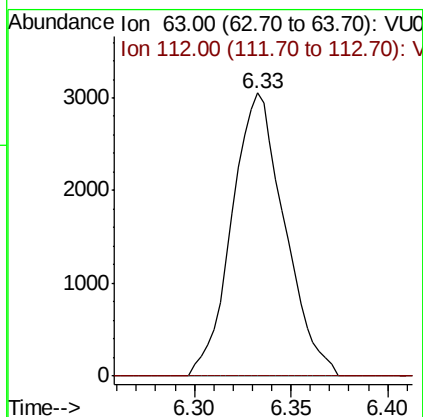
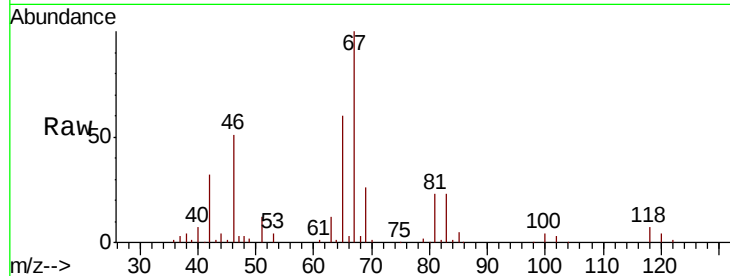




#37
 1,2-Dichloropropane
 Concen: 4.926 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026481.D
 Acq: 31 Aug 2018 04:56

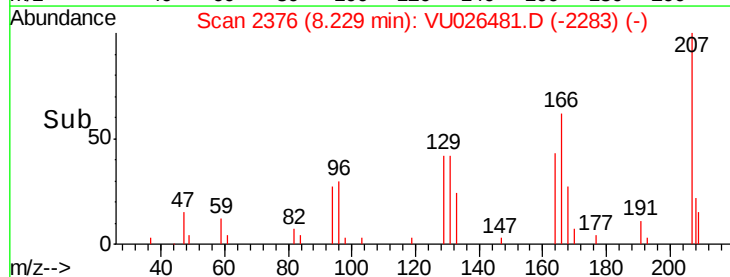
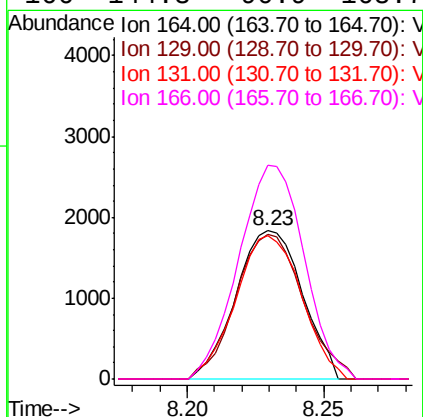
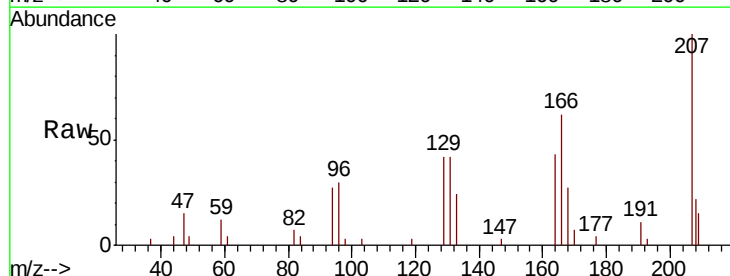
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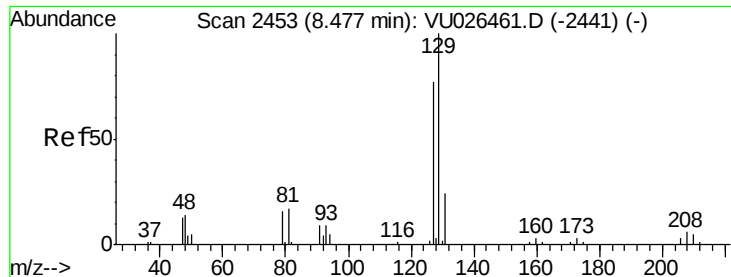
Tot Ion: 63 Resp: 5784
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 3.586 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026481.D
 Acq: 31 Aug 2018 04:56

Tgt Ion:164 Resp: 3119
 Ion Ratio Lower Upper
 164 100
 129 97.8 67.3 125.1
 131 96.7 65.3 121.3
 166 144.3 90.9 168.7

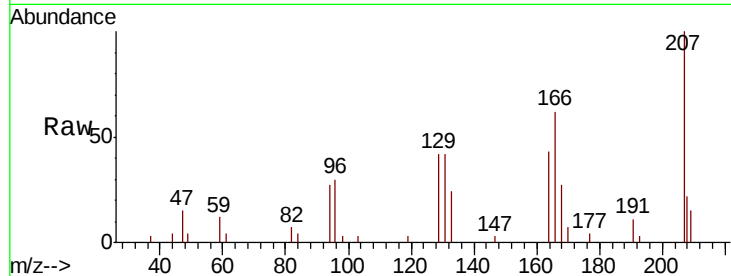




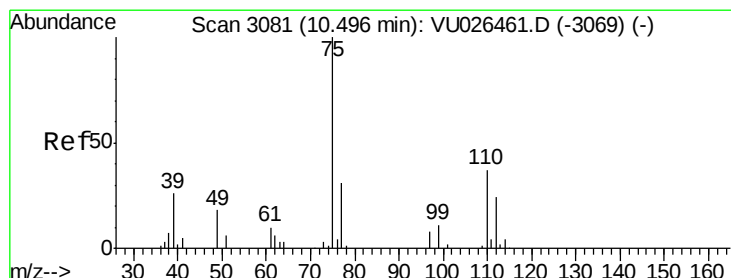
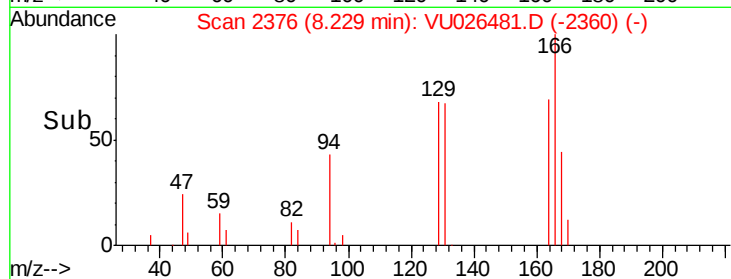
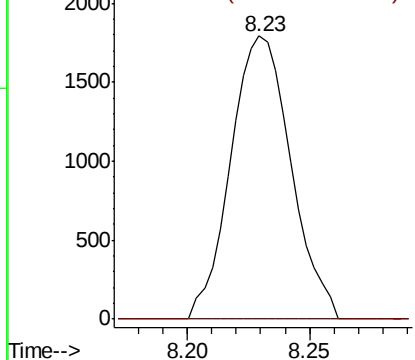
#49
 Dibromochloromethane
 Concen: 2.533 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026481.D
 Acq: 31 Aug 2018 04:56

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 3070
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#

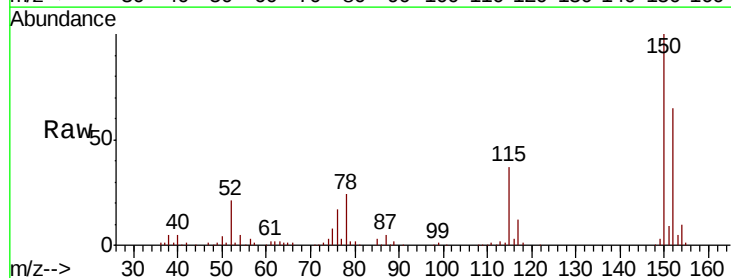


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 5.122 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026481.D
 Acq: 31 Aug 2018 04:56

Tgt Ion: 75 Resp: 7504
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.0 37.6#



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

