

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026460.D
 Acq On : 30 Aug 2018 20:26
 Operator : MD/SY
 Sample : J4694-06 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:26:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 04:22:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	149161	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139652	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58218	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41160	44.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.08%
7) Chloroethane-d5	1.68	69	38128	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.27	63	56224	27.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.02%#
21) 2-Butanone-d5	4.18	46	67067	93.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.65	84	75319	43.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.30%
26) 1,2-Dichloroethane-d4	5.31	65	51988	44.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.48%
32) Benzene-d6	5.35	84	151388	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
36) 1,2-Dichloropropane-d6	6.33	67	52559	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.06%
41) Toluene-d8	7.57	98	137945	44.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.85	79	22336	44.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.46%
47) 2-Hexanone-d5	8.31	63	48200	95.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71923	44.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	54094	51.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.42%

Target Compounds

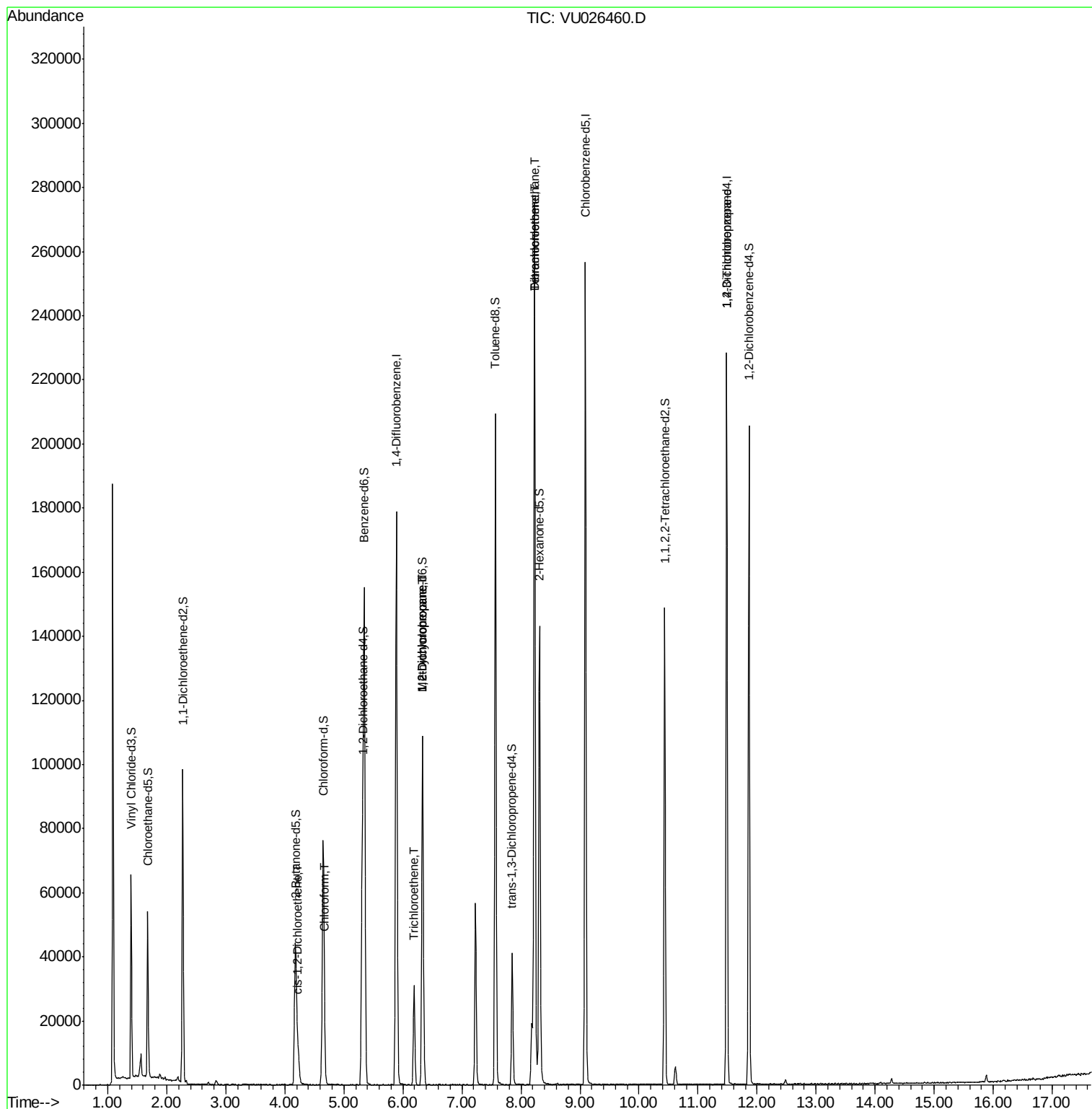
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) cis-1,2-Dichloroethene	4.23	96	3930	3.643	ug/L	87
25) Chloroform	4.68	83	2614	1.353	ug/L	91
34) Trichloroethene	6.19	95	10818	10.772	ug/L	97
35) Methylcyclohexane	6.33	83	11578	7.383	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5679	5.124	ug/L #	88
46) Tetrachloroethene	8.23	164	59793	72.825	ug/L	97
49) Dibromochloromethane	8.23	129	55106	48.166	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7011	5.069	ug/L #	84

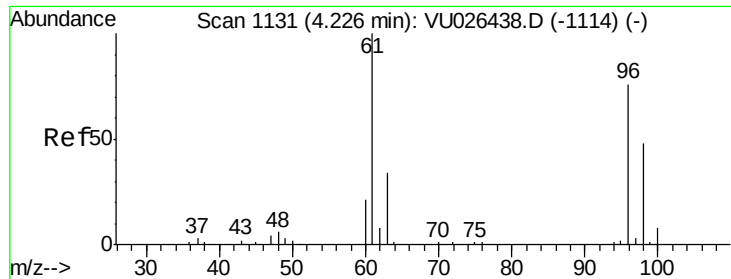
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083018\
Data File : VU026460.D
Acq On : 30 Aug 2018 20:26
Operator : MD/SY
Sample : J4694-06 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 31 04:26:11 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration

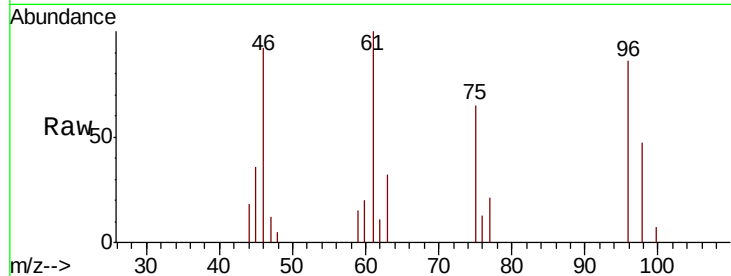




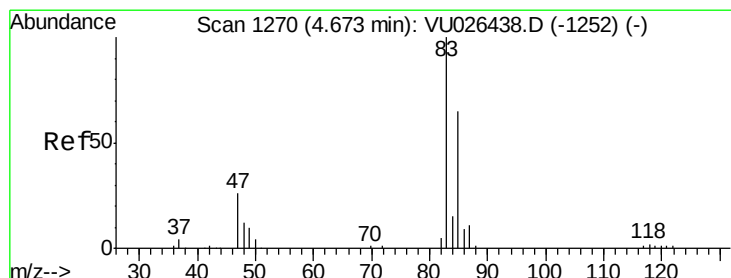
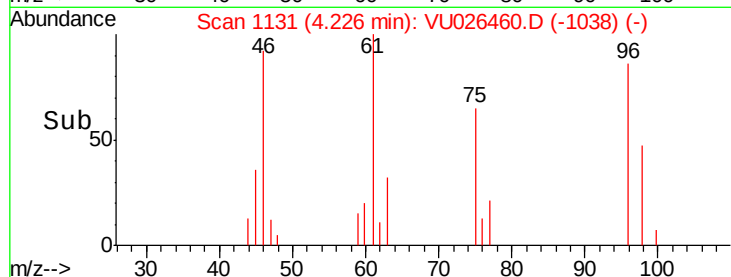
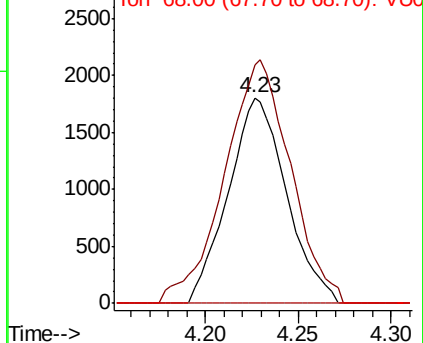
#20
 cis-1,2-Dichloroethene
 Concen: 3.643 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 96 Resp: 3930
 Ion Ratio Lower Upper
 96 100
 61 115.9 91.6 170.2
 68 0.0 0.0 0.0

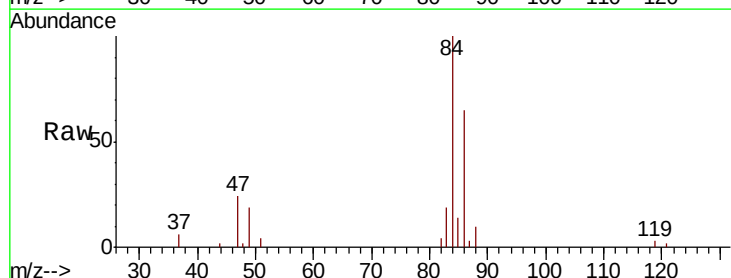


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

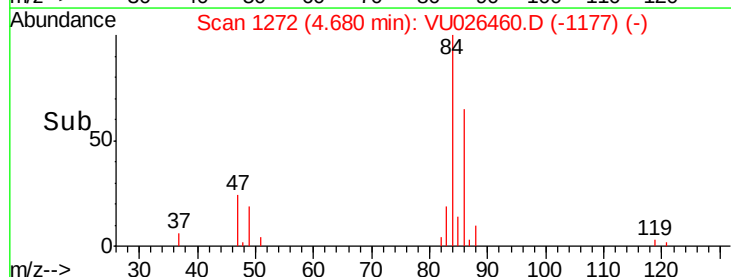
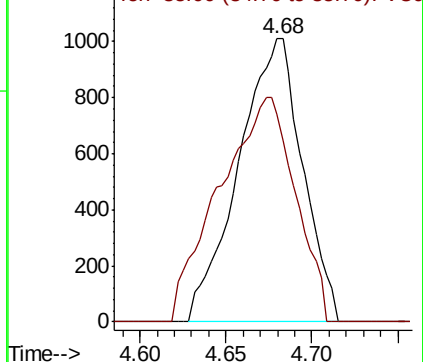


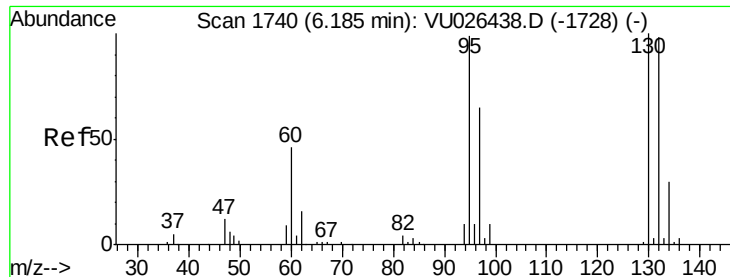
#25
 Chloroform
 Concen: 1.353 ug/L
 RT: 4.68 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Tgt Ion: 83 Resp: 2614
 Ion Ratio Lower Upper
 83 100
 85 73.4 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: 10.772 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.01 min

Lab File: VU026460.D

Acq: 30 Aug 2018 20:26

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 10818

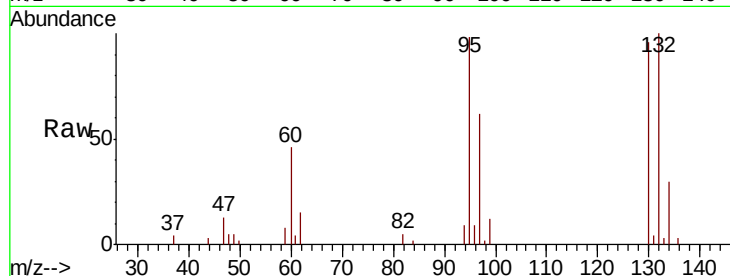
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.7

132 101.9 67.5 125.3

130 97.6 69.3 128.7

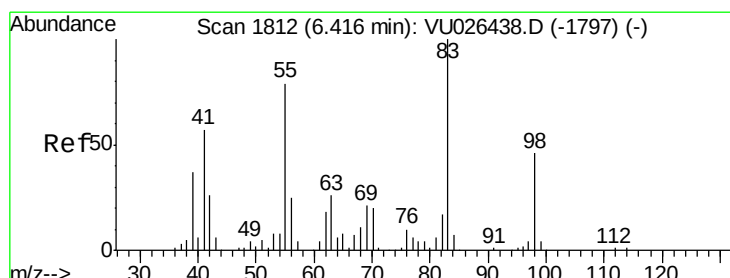
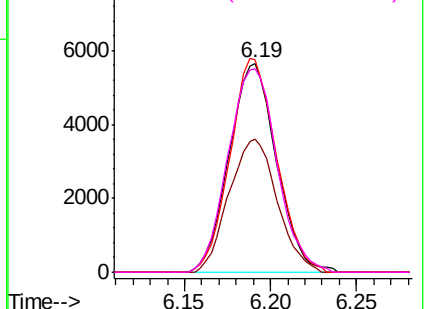
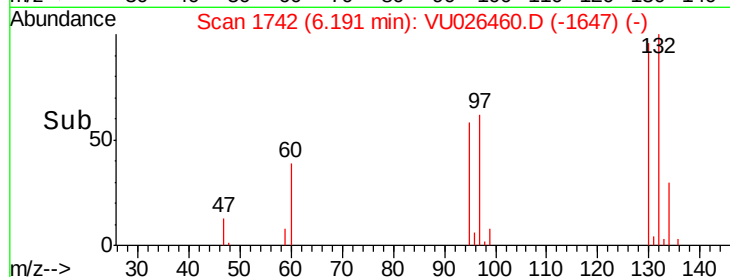


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.383 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026460.D

Acq: 30 Aug 2018 20:26

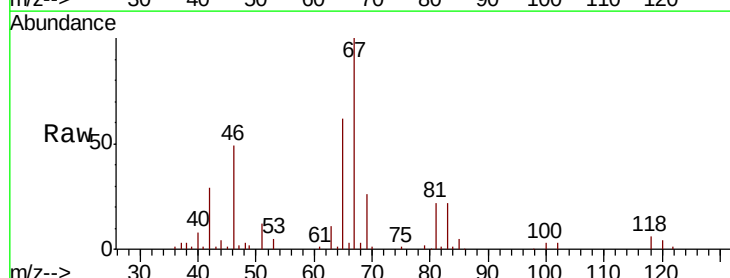
Tgt Ion: 83 Resp: 11578

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

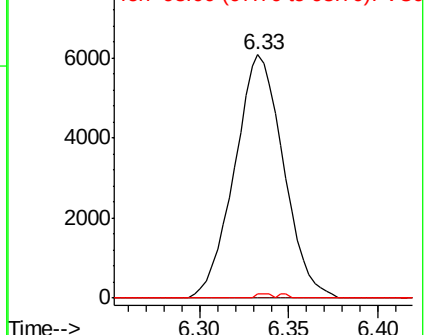
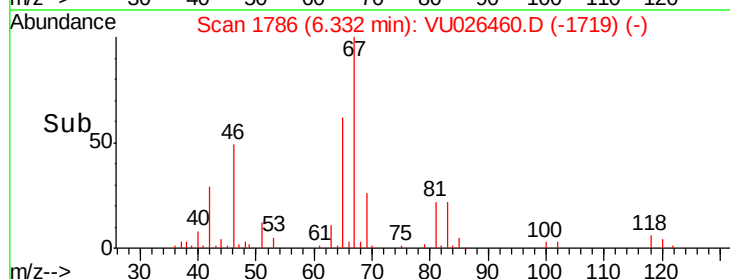
98 0.5 36.7 55.1#

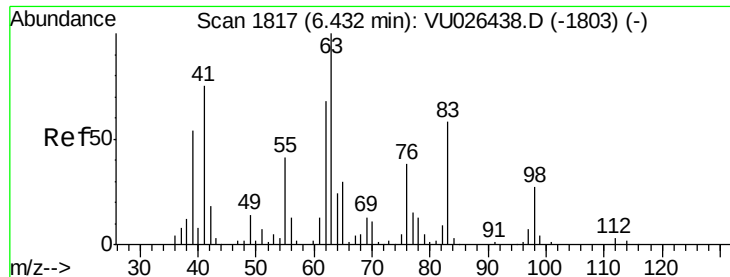


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

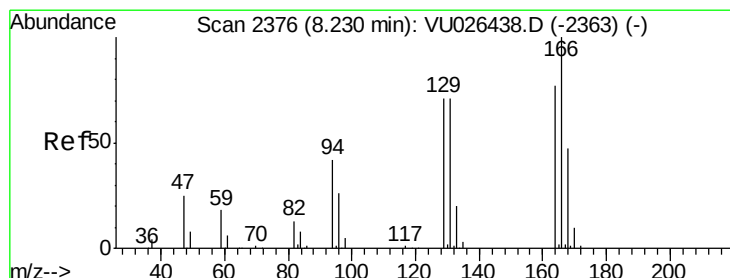
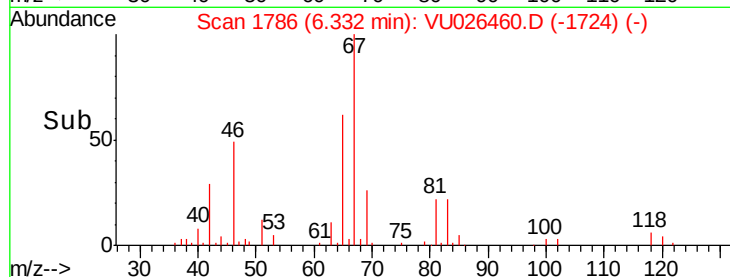
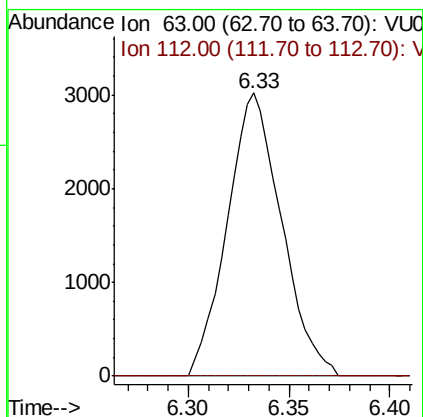
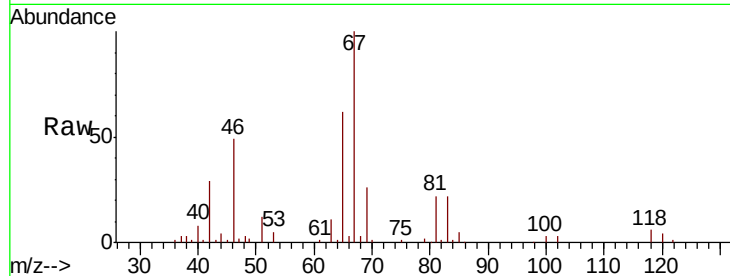




#37
 1,2-Dichloropropane
 Concen: 5.124 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

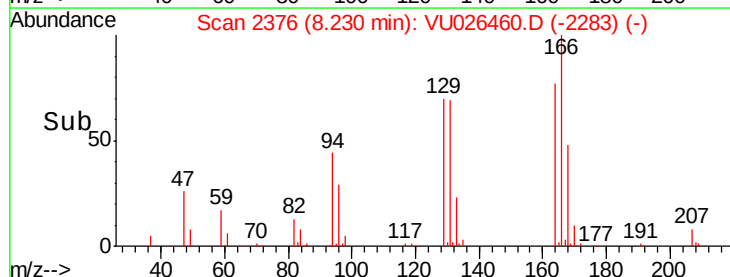
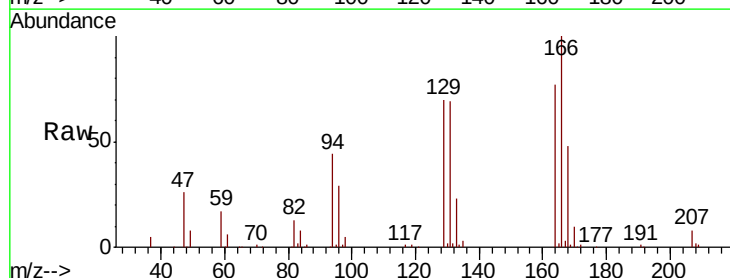
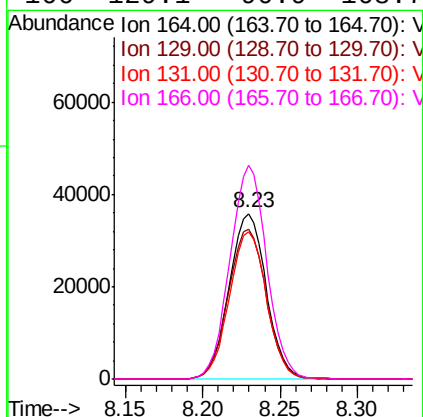
Instrument :
 MSVOA_U
 ClientSampleId :

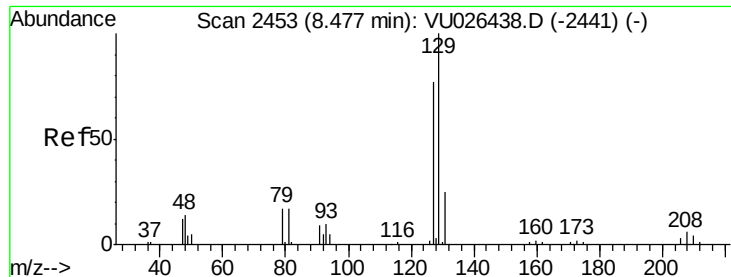
Tot Ion: 63 Resp: 5679
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 72.825 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Tgt Ion:164 Resp: 59793
 Ion Ratio Lower Upper
 164 100
 129 90.6 67.3 125.1
 131 88.8 65.3 121.3
 166 129.1 90.9 168.7

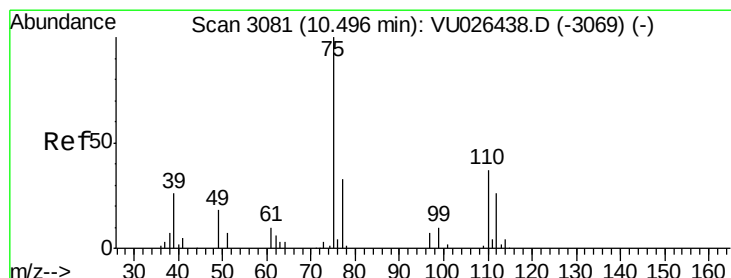
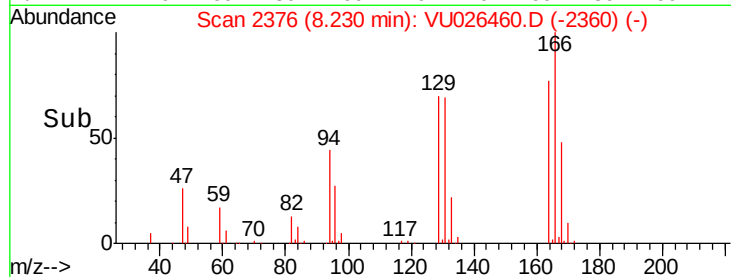
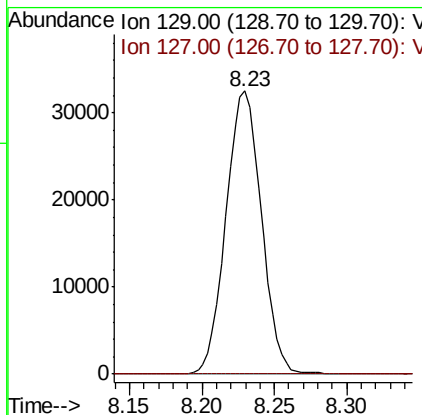
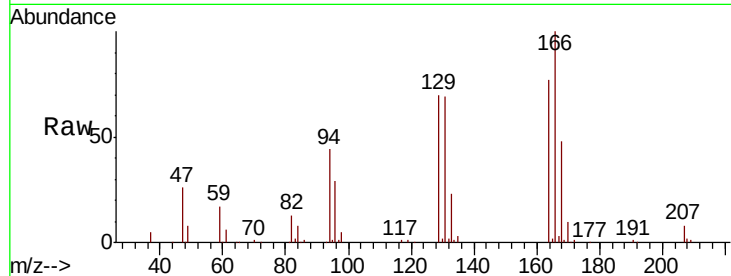




#49
 Dibromochloromethane
 Concen: 48.166 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 55106
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.069 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026460.D
 Acq: 30 Aug 2018 20:26

Tgt Ion: 75 Resp: 7011
 Ion Ratio Lower Upper
 75 100
 77 39.9 25.0 37.6#

