

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026452.D
 Acq On : 30 Aug 2018 17:20
 Operator : MD/SY
 Sample : J4691-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:13 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	145776	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	139363	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	58385	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43296	47.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.88%
7) Chloroethane-d5	1.68	69	39387	48.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.56%
11) 1,1-Dichloroethene-d2	2.27	63	57250	28.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.30%#
21) 2-Butanone-d5	4.18	46	68666	97.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.95%
24) Chloroform-d	4.65	84	78312	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
26) 1,2-Dichloroethane-d4	5.31	65	53472	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
32) Benzene-d6	5.34	84	154678	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.30%
36) 1,2-Dichloropropane-d6	6.33	67	52856	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.80%
41) Toluene-d8	7.57	98	141097	45.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.85	79	23047	45.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.48%
47) 2-Hexanone-d5	8.31	63	50082	98.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	75755	46.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	55070	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

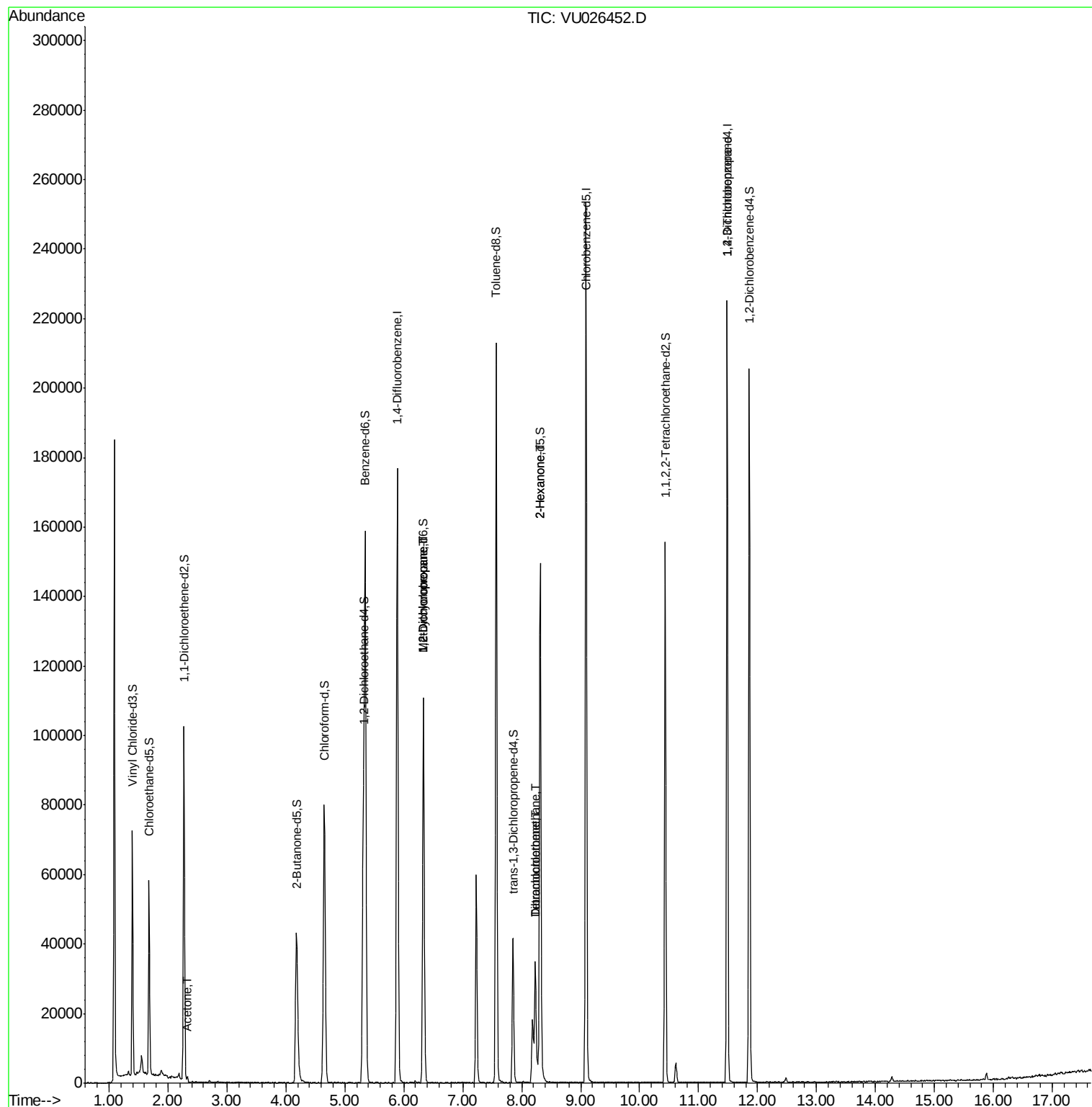
					Ovalue
13) Acetone	2.32	43	863	1.422 ug/L	89
35) Methylcyclohexane	6.33	83	11922	7.619 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5772	5.218 ug/L #	88
46) Tetrachloroethene	8.23	164	6592	8.045 ug/L	92
48) 2-Hexanone	8.31	43	6060	5.158 ug/L #	68
49) Dibromochloromethane	8.23	129	5923	5.188 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7135	5.170 ug/L #	85

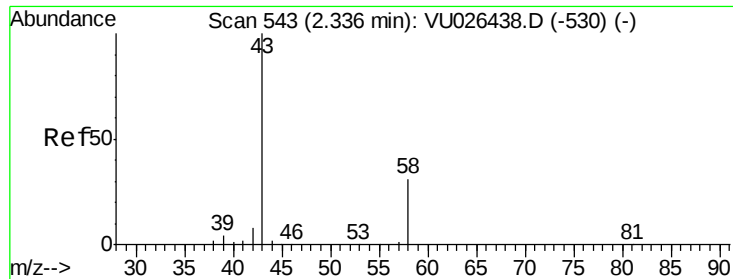
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.422 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU026452.D

Acq: 30 Aug 2018 17:20

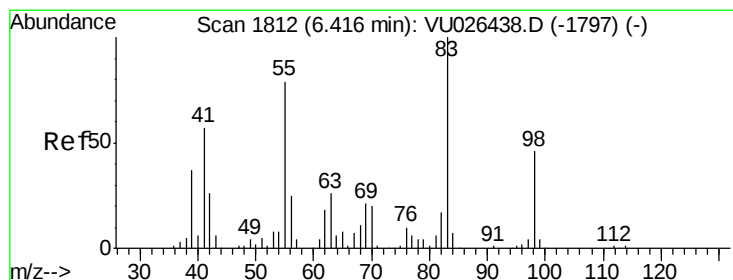
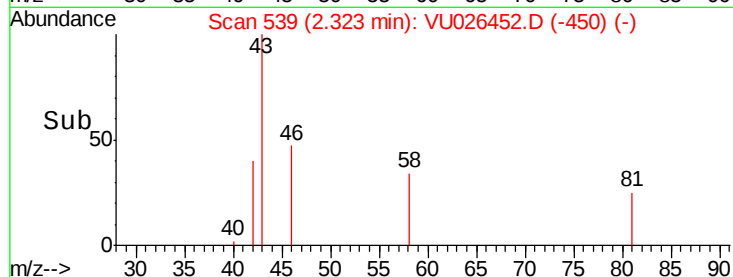
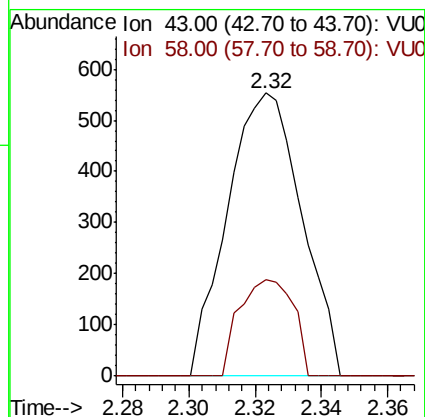
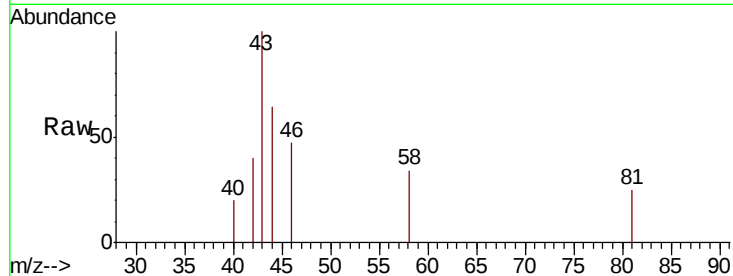
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 863

Ion Ratio Lower Upper

43 100

58 24.6 0.0 61.2



#35

Methylcyclohexane

Concen: 7.619 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026452.D

Acq: 30 Aug 2018 17:20

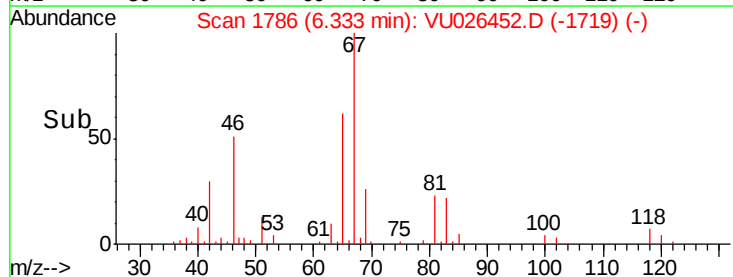
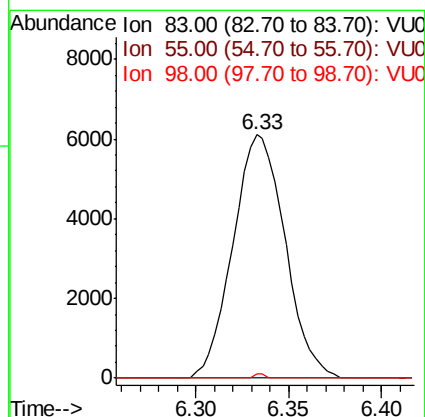
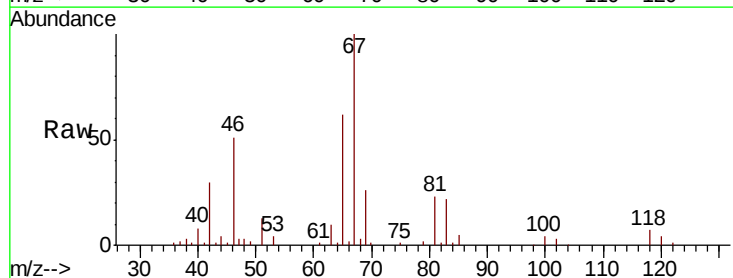
Tgt Ion: 83 Resp: 11922

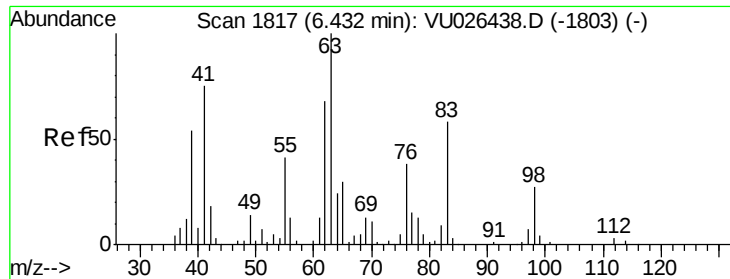
Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.3 36.7 55.1#

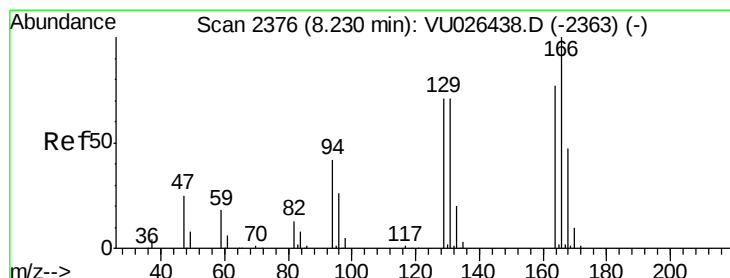
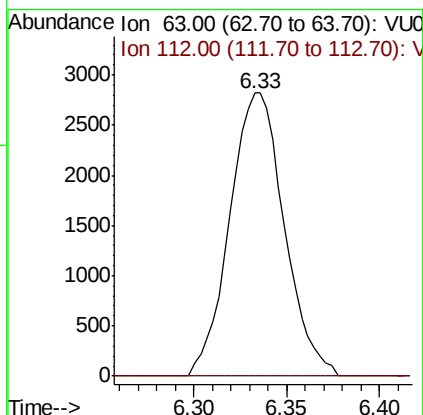
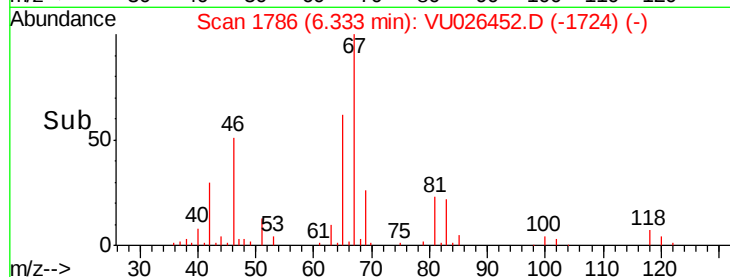
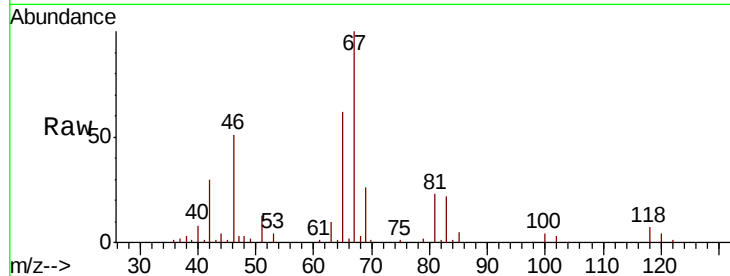




#37
 1,2-Dichloropropane
 Concen: 5.218 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026452.D
 Acq: 30 Aug 2018 17:20

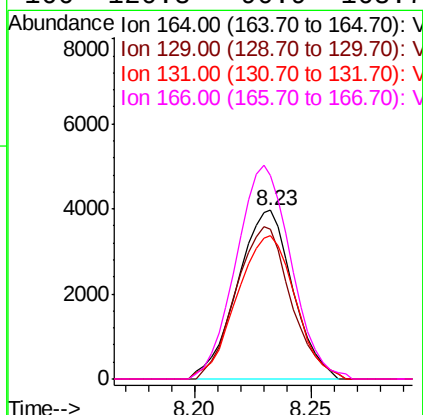
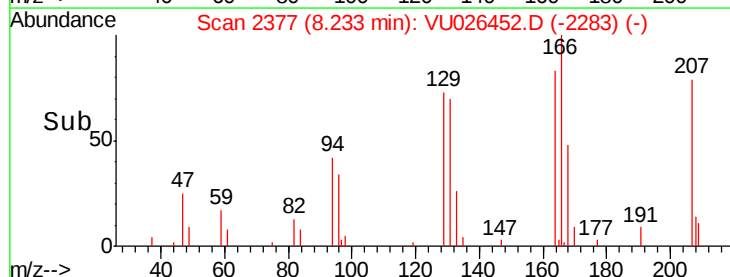
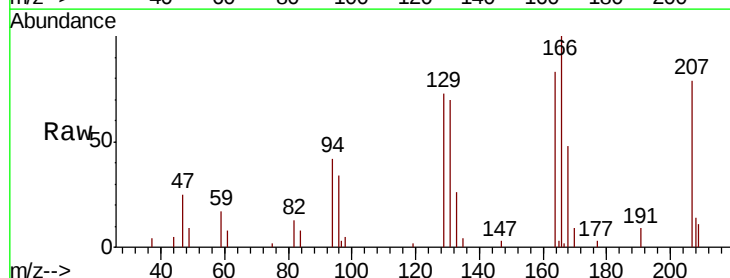
Instrument :
 MSVOA_U
 ClientSampleId :

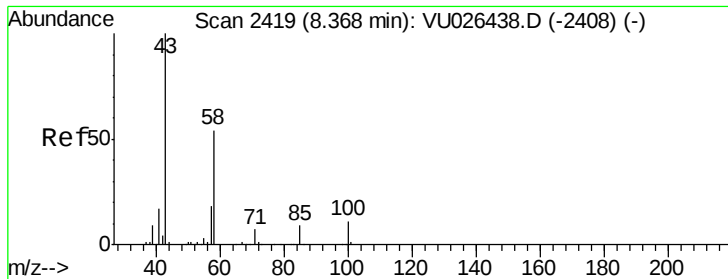
Tot Ion: 63 Resp: 5772
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 8.045 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU026452.D
 Acq: 30 Aug 2018 17:20

Tgt Ion:164 Resp: 6592
 Ion Ratio Lower Upper
 164 100
 129 88.6 67.3 125.1
 131 84.6 65.3 121.3
 166 120.8 90.9 168.7

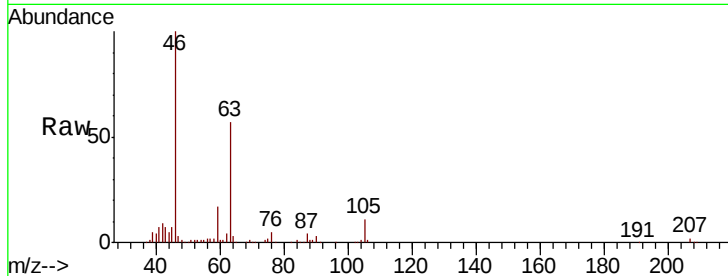




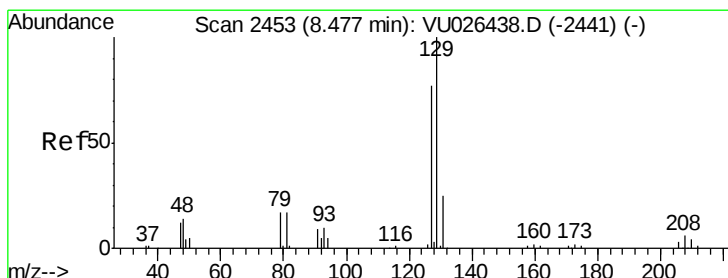
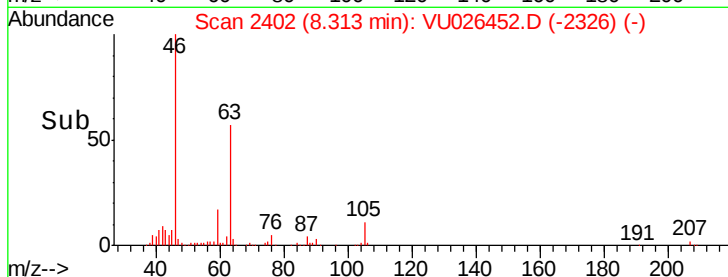
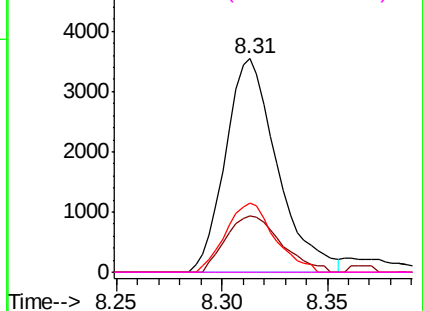
#48
2-Hexanone
Concen: 5.158 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026452.D
Acq: 30 Aug 2018 17:20

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 6060
Ion Ratio Lower Upper
43 100
58 28.2 42.2 63.4#
57 30.5 14.6 21.8#
100 0.0 8.3 12.5#

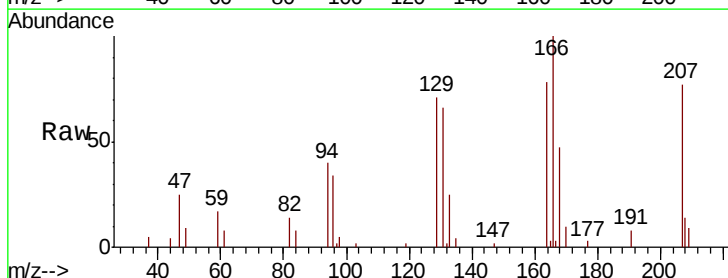


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

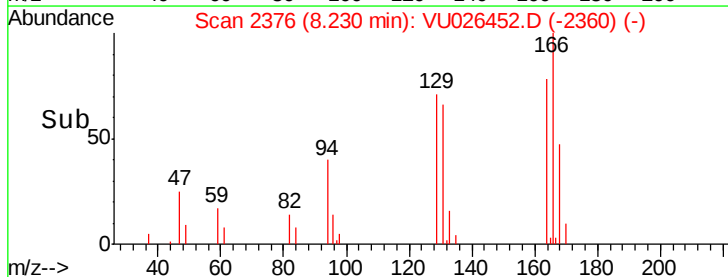
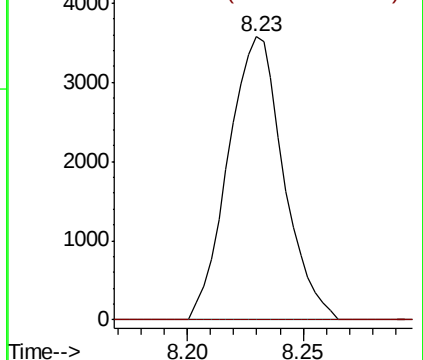


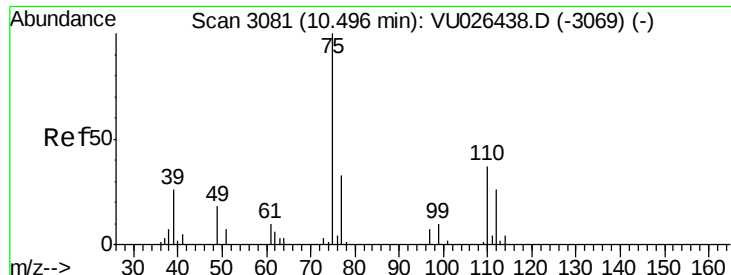
#49
Dibromochloromethane
Concen: 5.188 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026452.D
Acq: 30 Aug 2018 17:20

Tgt Ion: 129 Resp: 5923
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: 5.170 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026452.D

Acq: 30 Aug 2018 17:20

Instrument :

MSVOA_U

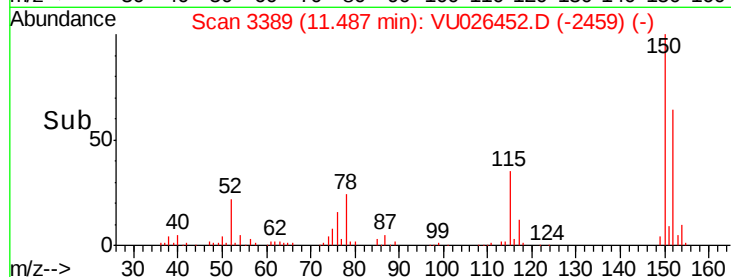
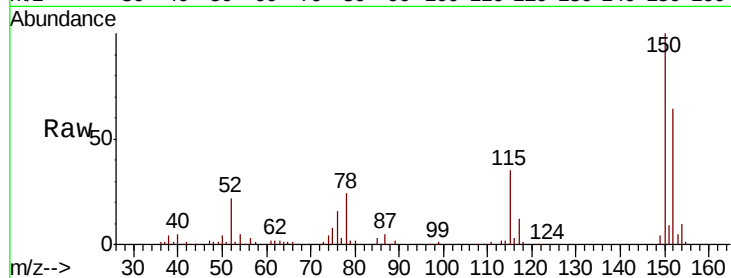
ClientSampleId :

Tot Ion: 75 Resp: 7135

Ion Ratio Lower Upper

75 100

77 39.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

