

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026454.D
 Acq On : 30 Aug 2018 18:07
 Operator : MD/SY
 Sample : J4691-20 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:25:27 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	140686	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	132468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	56114	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42603	48.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.76%
7) Chloroethane-d5	1.68	69	37786	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	61128	31.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.28%
21) 2-Butanone-d5	4.18	46	67470	99.73	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.73%
24) Chloroform-d	4.65	84	76094	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.31	65	51443	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
32) Benzene-d6	5.35	84	151724	49.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.38%
36) 1,2-Dichloropropane-d6	6.33	67	51391	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.57	98	136412	46.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.56%
43) trans-1,3-Dichloropropene-	7.85	79	22278	46.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.02%
47) 2-Hexanone-d5	8.31	63	47662	99.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.08%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	73449	47.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	53572	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%

Target Compounds

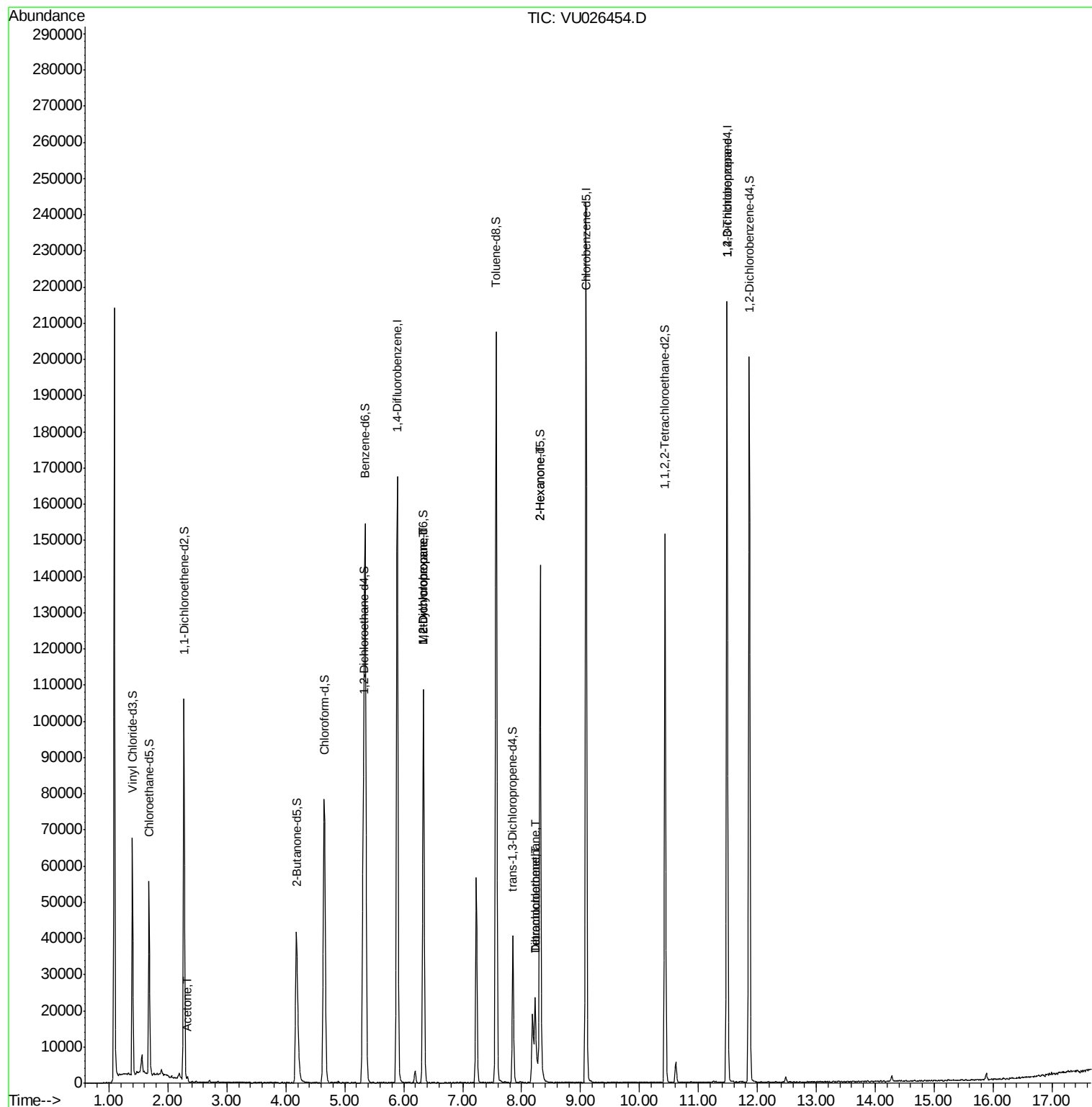
					Ovalue
13) Acetone	2.32	43	992	1.693 ug/L	78
35) Methylcyclohexane	6.33	83	11905	8.004 ug/L #	17
37) 1,2-Dichloropropane	6.34	63	5565	5.293 ug/L #	88
46) Tetrachloroethene	8.23	164	3968	5.095 ug/L	96
48) 2-Hexanone	8.31	43	6214	5.565 ug/L #	66
49) Dibromochloromethane	8.23	129	3533	3.256 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	6441	4.910 ug/L #	85

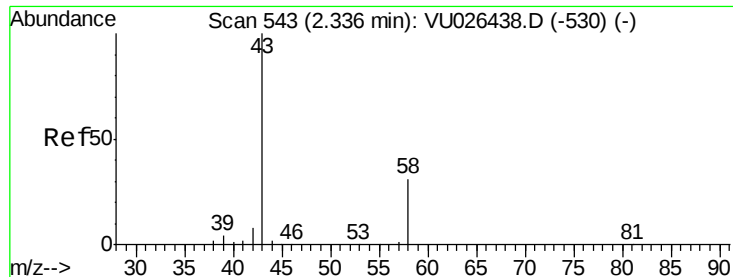
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 04:22:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.693 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.01 min

Lab File: VU026454.D

Acq: 30 Aug 2018 18:07

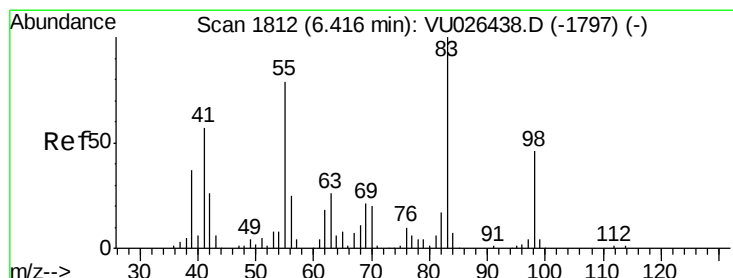
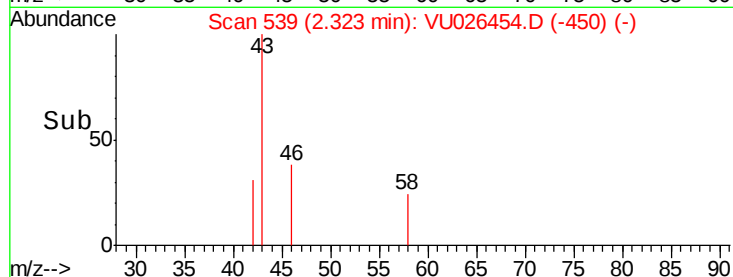
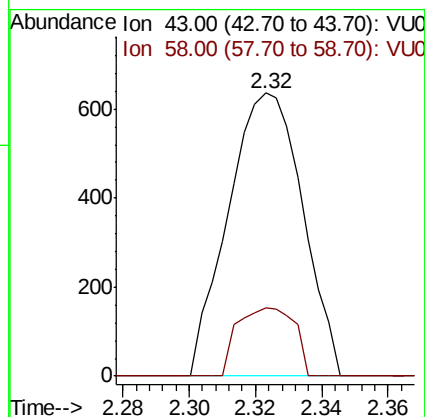
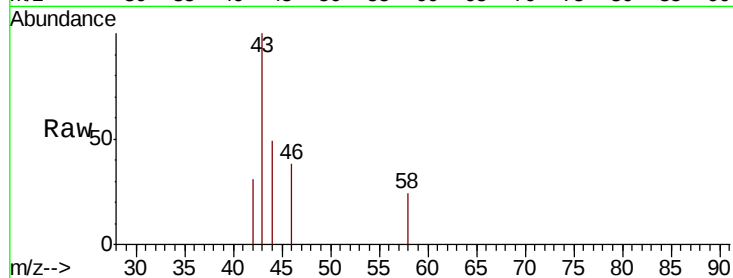
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 992

Ion Ratio Lower Upper

43 100

58 18.4 0.0 61.2



#35

Methylcyclohexane

Concen: 8.004 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.08 min

Lab File: VU026454.D

Acq: 30 Aug 2018 18:07

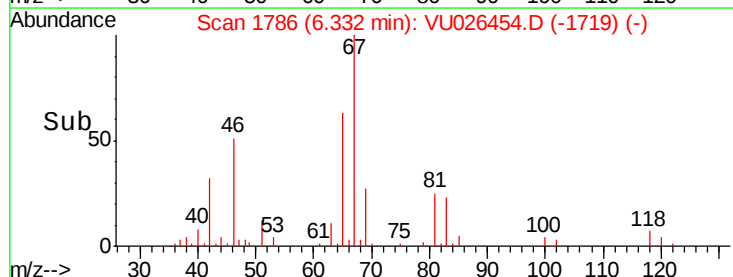
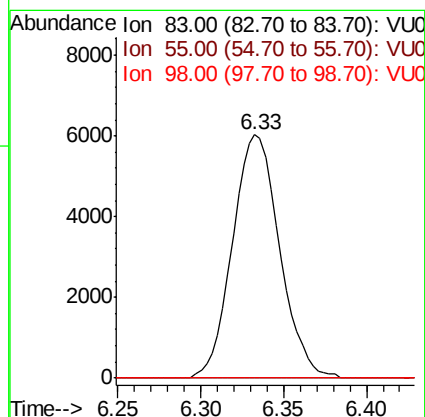
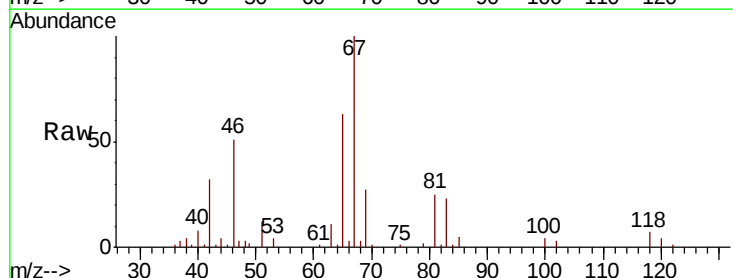
Tgt Ion: 83 Resp: 11905

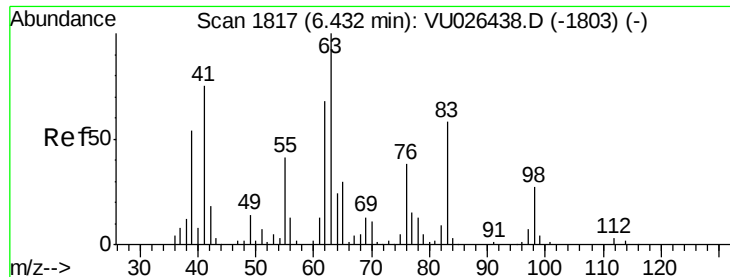
Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

98 0.0 36.7 55.1#

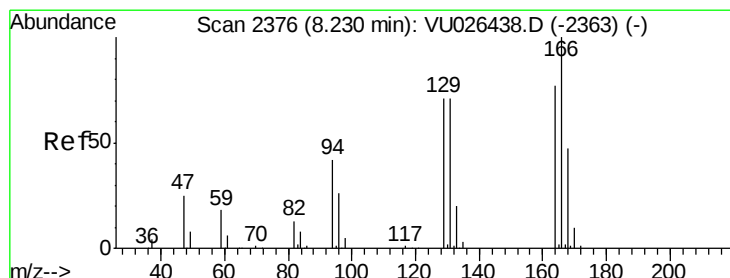
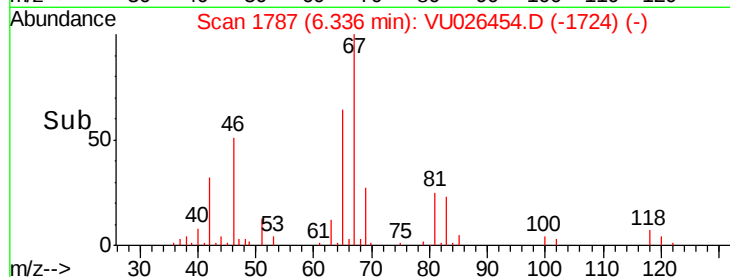
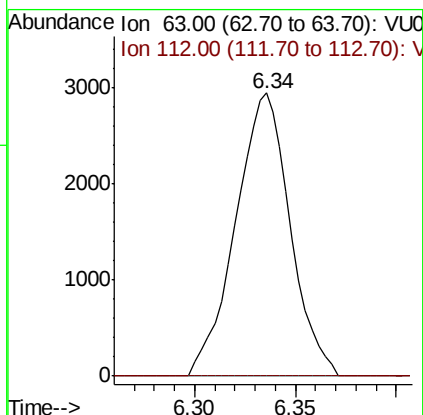
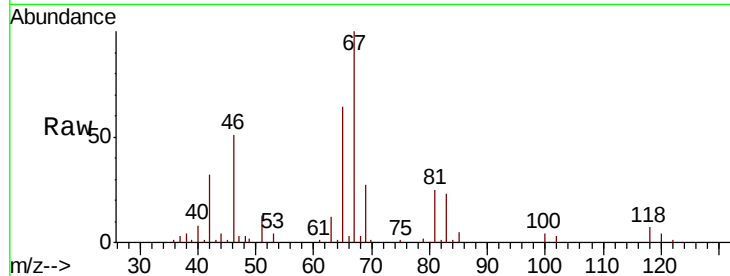




#37
 1,2-Dichloropropane
 Concen: 5.293 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026454.D
 Acq: 30 Aug 2018 18:07

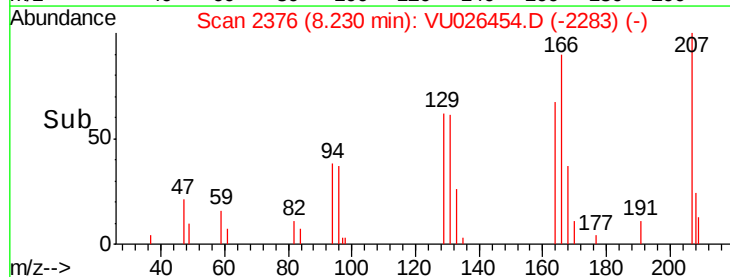
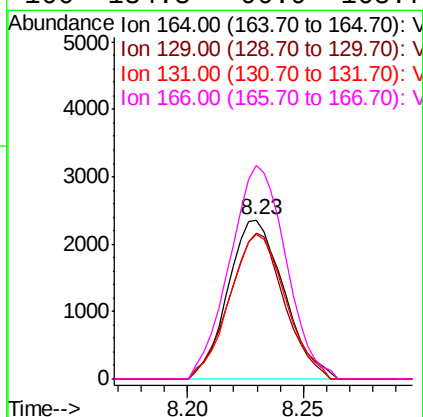
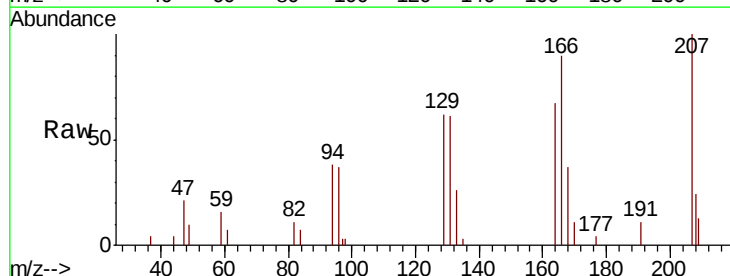
Instrument :
 MSVOA_U
 ClientSampleId :

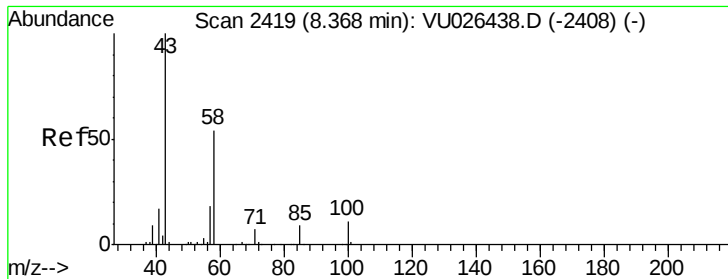
Tot Ion: 63 Resp: 5565
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 5.095 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026454.D
 Acq: 30 Aug 2018 18:07

Tgt Ion:164 Resp: 3968
 Ion Ratio Lower Upper
 164 100
 129 92.1 67.3 125.1
 131 90.7 65.3 121.3
 166 134.3 90.9 168.7

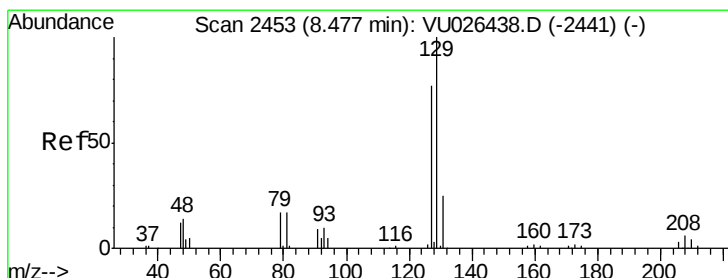
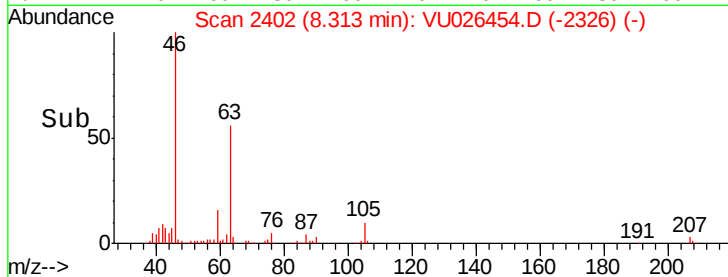
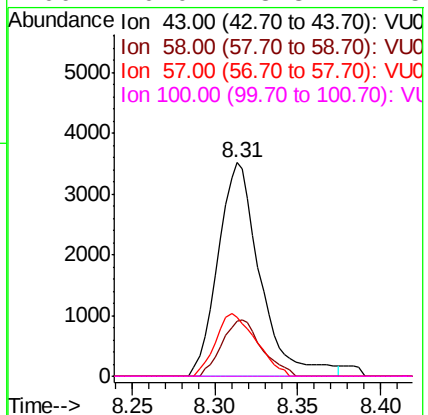
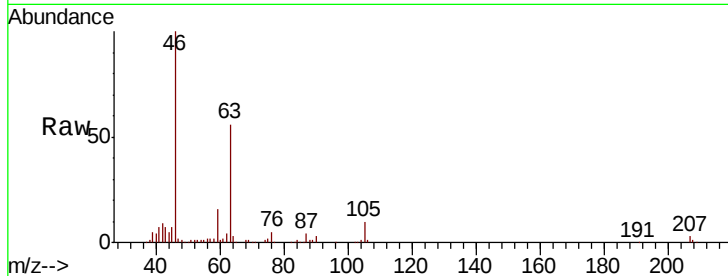




#48
2-Hexanone
Concen: 5.565 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026454.D
Acq: 30 Aug 2018 18:07

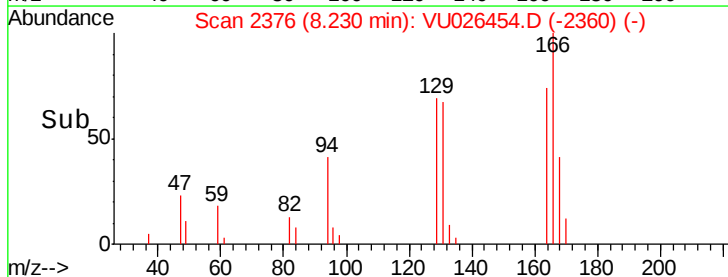
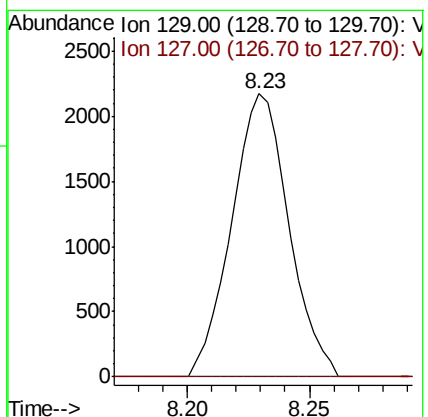
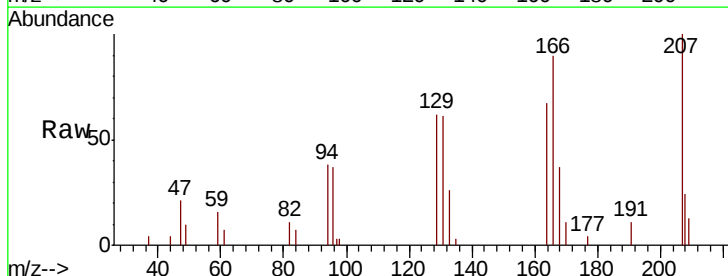
Instrument :
MSVOA_U
ClientSampled :

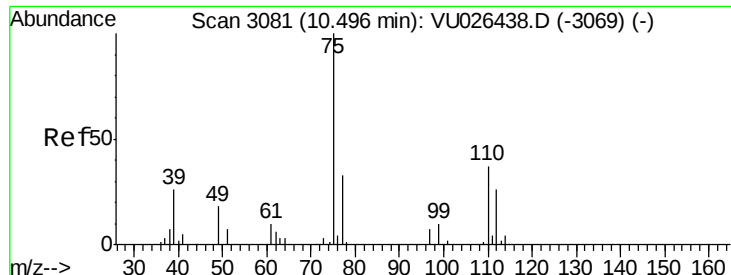
Tot Ion: 43 Resp: 6214
Ion Ratio Lower Upper
43 100
58 24.8 42.2 63.4#
57 27.9 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 3.256 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026454.D
Acq: 30 Aug 2018 18:07

Tgt Ion: 129 Resp: 3533
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.910 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026454.D

Acq: 30 Aug 2018 18:07

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6441

Ion Ratio Lower Upper

75 100

77 39.6 25.0 37.6#

