

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026439.D
 Acq On : 30 Aug 2018 11:59
 Operator : MD/SY
 Sample : VU0830WBL01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:23:39 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	135904	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127293	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	53234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	47518	56.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.86%
7) Chloroethane-d5	1.68	69	41601	54.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.40%
11) 1,1-Dichloroethene-d2	2.27	63	63001	33.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.44%
21) 2-Butanone-d5	4.18	46	70306	107.58	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	4.65	84	78560	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	56907	53.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.50%
32) Benzene-d6	5.34	84	164637	56.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.22%
36) 1,2-Dichloropropane-d6	6.33	67	56817	56.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.74%
41) Toluene-d8	7.57	98	150882	53.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.54%
43) trans-1,3-Dichloropropene-	7.85	79	25030	54.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.76%
47) 2-Hexanone-d5	8.31	63	50921	110.16	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	76886	51.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	57935	59.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	119.96%

Target Compounds

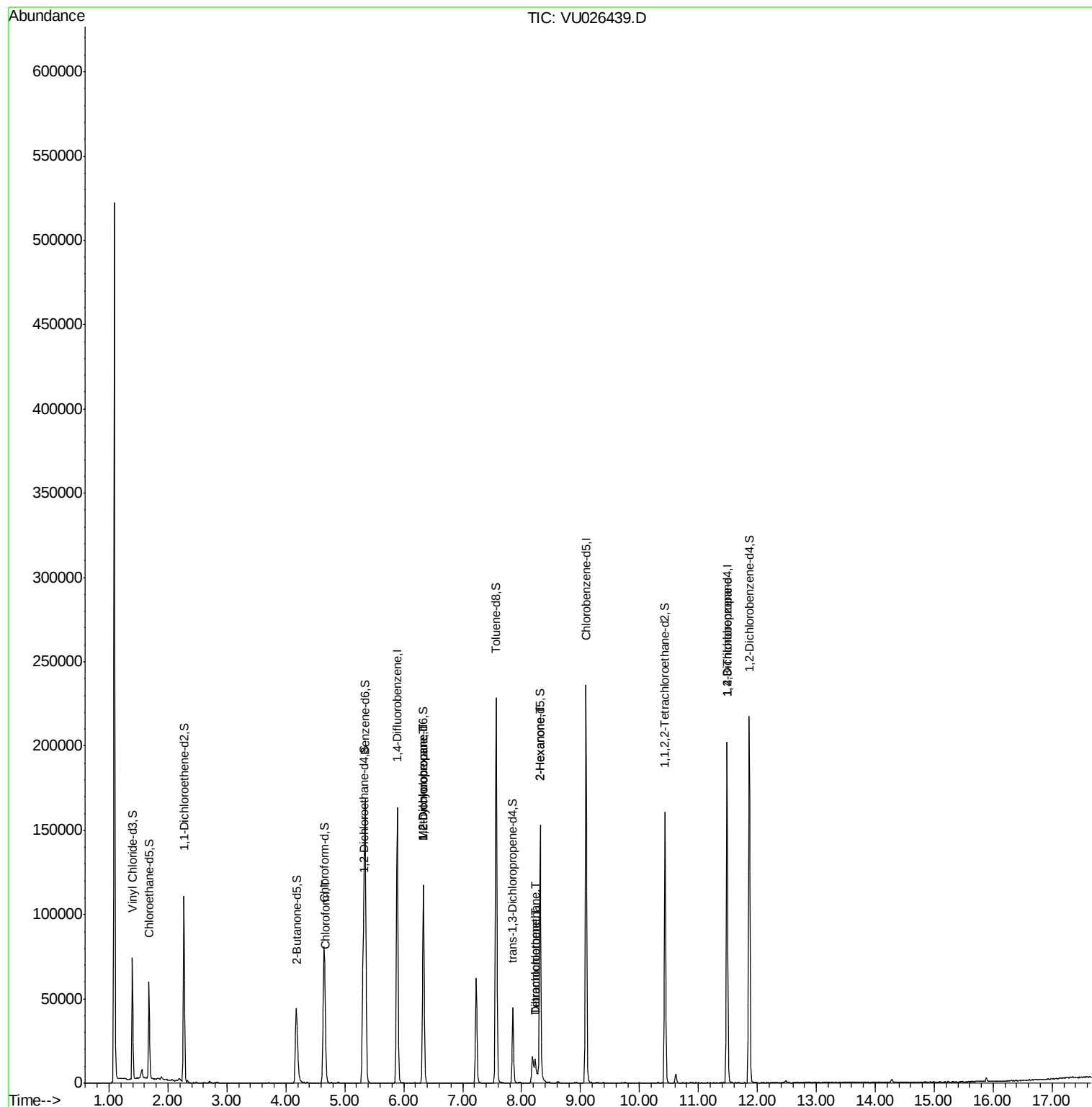
					Ovalue
25) Chloroform	4.67	83	5507	3.128 ug/L	96
35) Methylcyclohexane	6.33	83	12585	8.805 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5809	5.750 ug/L #	88
46) Tetrachloroethene	8.23	164	1959	2.618 ug/L	91
48) 2-Hexanone	8.31	43	6370	5.936 ug/L #	65
49) Dibromochloromethane	8.23	129	1634	1.567 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6450	5.117 ug/L #	88

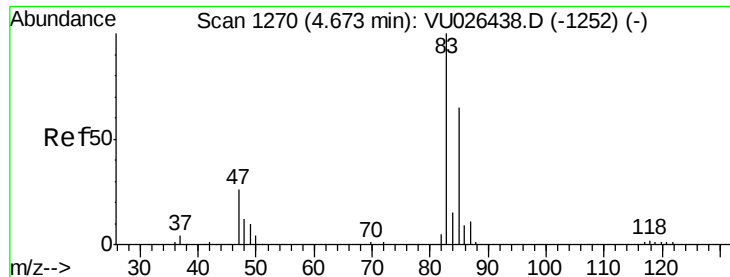
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083018\
Data File : VU026439.D
Acq On : 30 Aug 2018 11:59
Operator : MD/SY
Sample : VU0830WBL01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 31 04:23:39 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

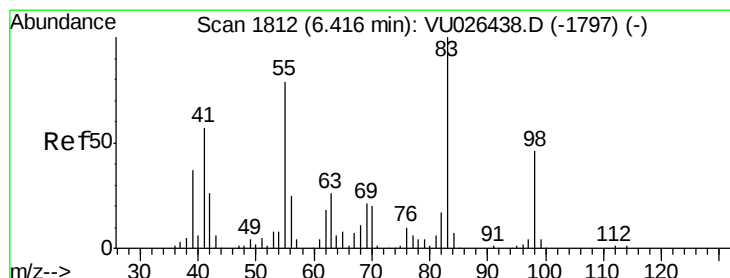
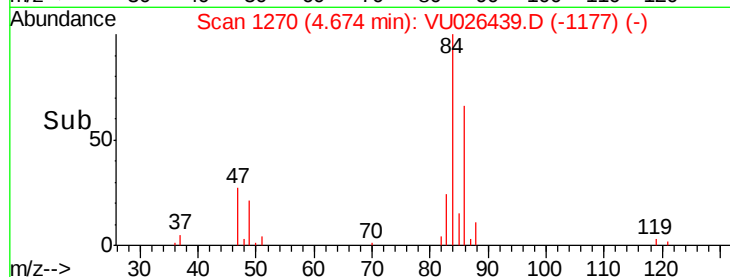
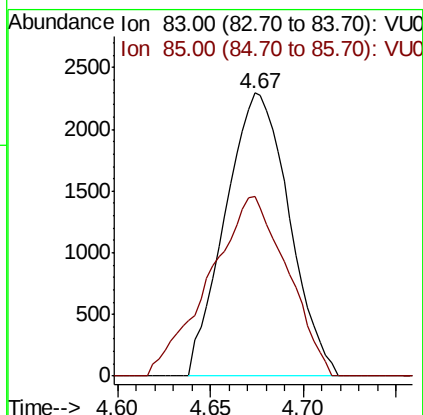
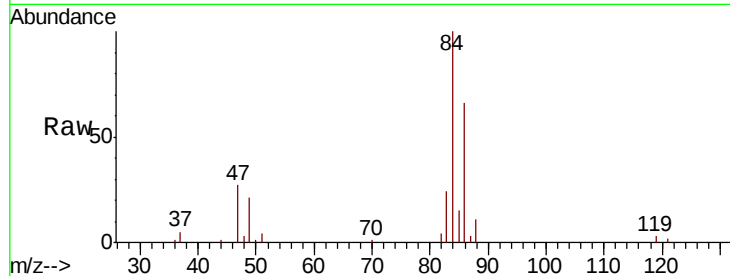




#25
Chloroform
Concen: 3.128 ug/L
RT: 4.67 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU026439.D
Acq: 30 Aug 2018 11:59

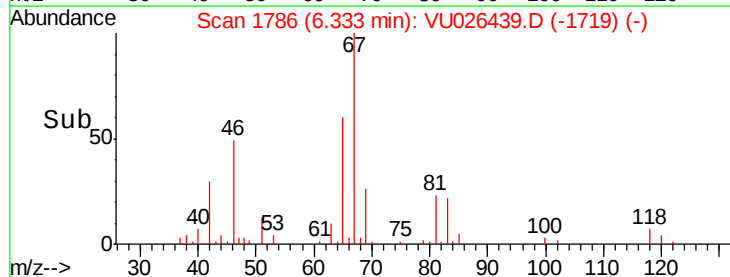
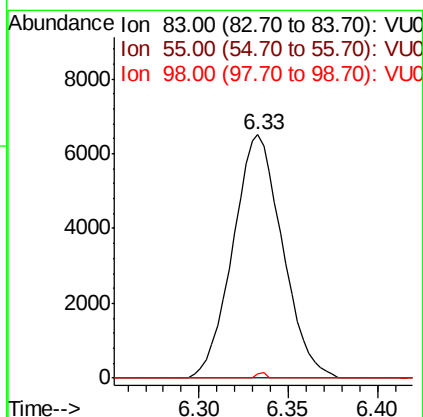
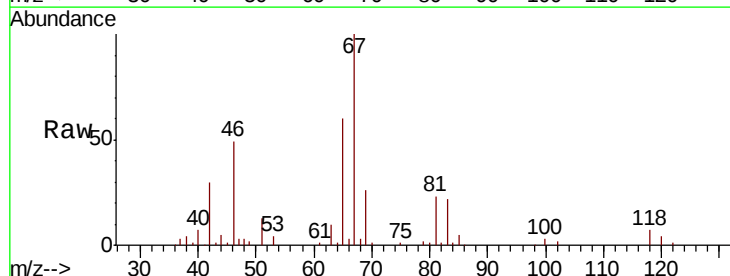
Instrument :
MSVOA_U
ClientSampled :

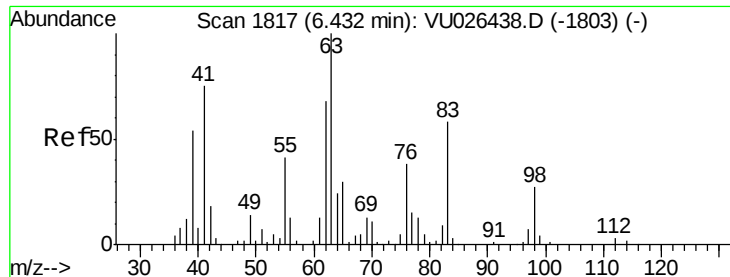
Tot Ion: 83 Resp: 5507
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.5



#35
Methylcyclohexane
Concen: 8.805 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026439.D
Acq: 30 Aug 2018 11:59

Tgt Ion: 83 Resp: 12585
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.4 36.7 55.1#





#37

1,2-Dichloropropane

Concen: 5.750 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026439.D

Acq: 30 Aug 2018 11:59

Instrument :

MSVOA_U

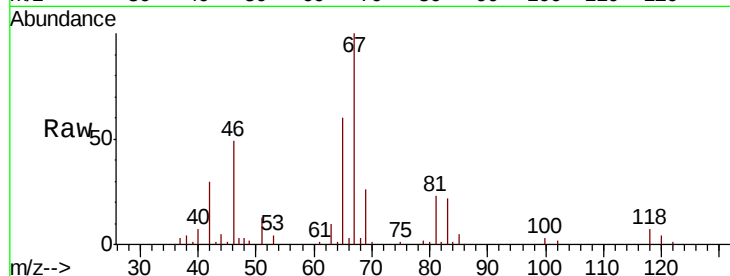
ClientSampleId :

Tot Ion: 63 Resp: 5809

Ion Ratio Lower Upper

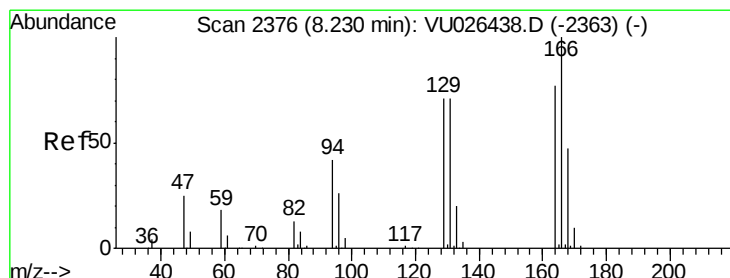
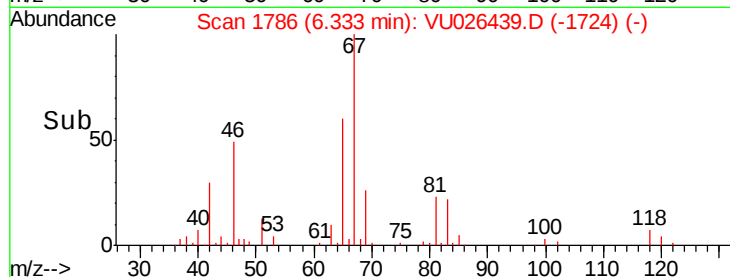
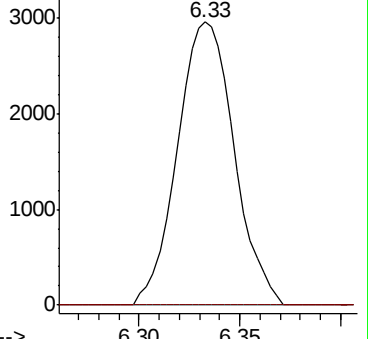
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU026439.D (-1724) (-)

Ion 112.00 (111.70 to 112.70): VU026439.D (-1724) (-)



#46

Tetrachloroethene

Concen: 2.618 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026439.D

Acq: 30 Aug 2018 11:59

Tgt Ion:164 Resp: 1959

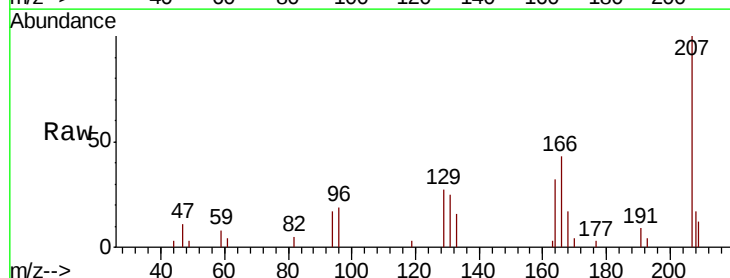
Ion Ratio Lower Upper

164 100

129 84.5 67.3 125.1

131 78.3 65.3 121.3

166 132.2 90.9 168.7

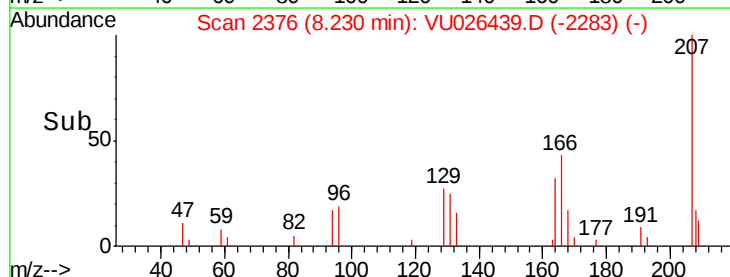
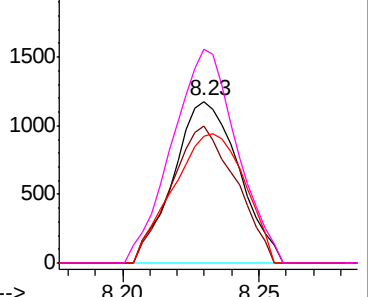


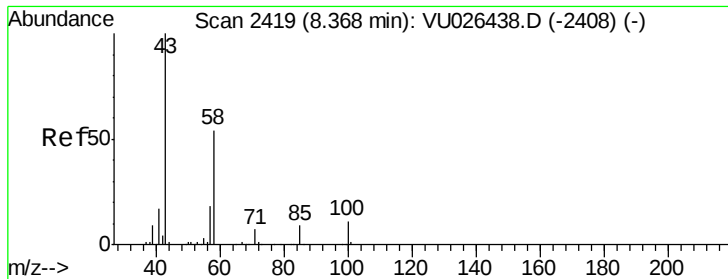
Abundance Ion 164.00 (163.70 to 164.70): VU026439.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU026439.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU026439.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU026439.D (-2283) (-)

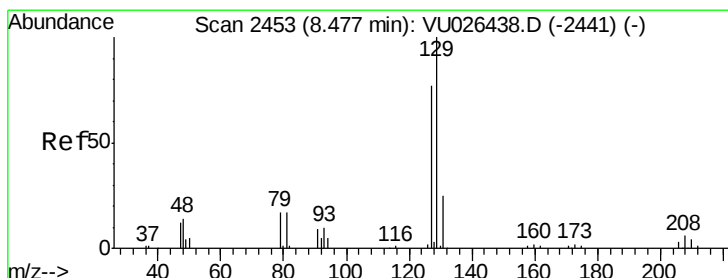
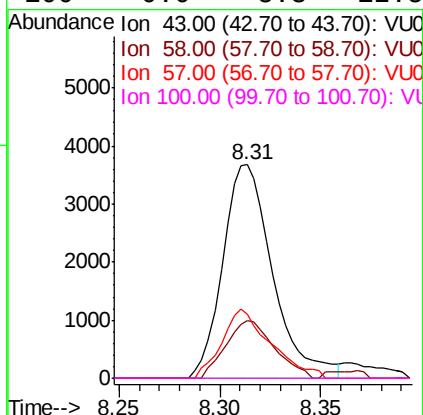
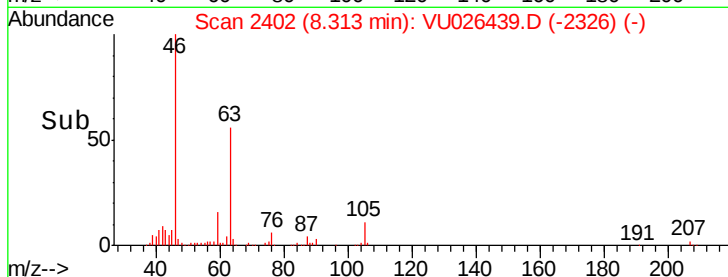
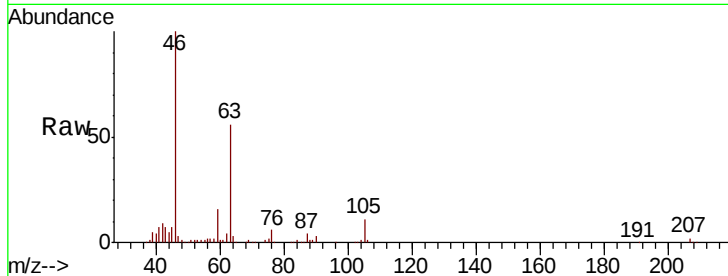




#48
2-Hexanone
Concen: 5.936 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026439.D
Acq: 30 Aug 2018 11:59

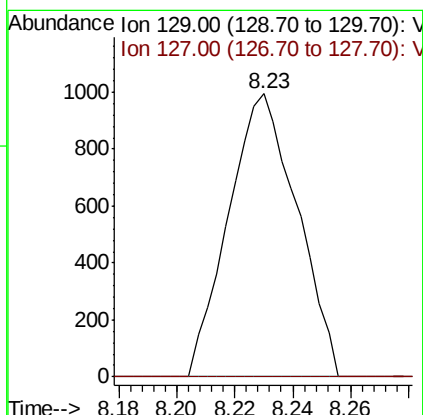
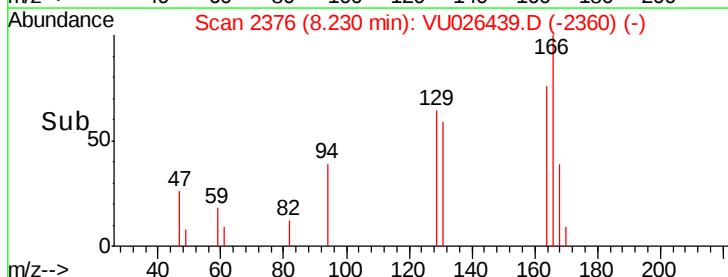
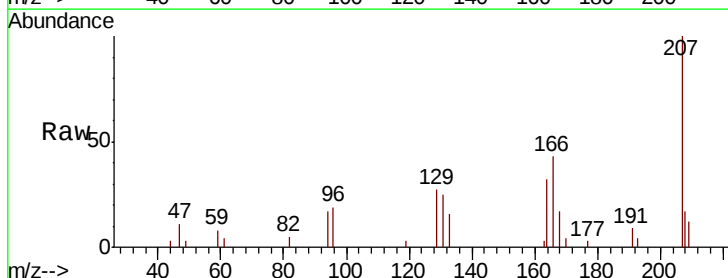
Instrument :
MSVOA_U
ClientSampleId :

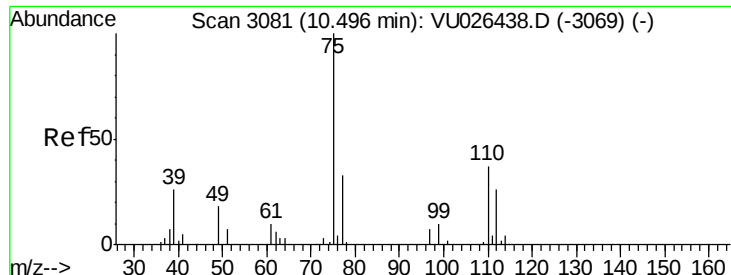
Tot Ion: 43 Resp: 6370
Ion Ratio Lower Upper
43 100
58 26.0 42.2 63.4#
57 31.0 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 1.567 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026439.D
Acq: 30 Aug 2018 11:59

Tgt Ion: 129 Resp: 1634
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.117 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026439.D

Acq: 30 Aug 2018 11:59

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6450

Ion Ratio Lower Upper

75 100

77 38.2 25.0 37.6#

