

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026440.D
 Acq On : 30 Aug 2018 12:28
 Operator : MD/SY
 Sample : VU0830MBL01
 Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 04:23:45 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	135734	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130374	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	53580	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	42388	50.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.80%
7) Chloroethane-d5	1.68	69	38833	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.26%
11) 1,1-Dichloroethene-d2	2.27	63	61628	32.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.08%
21) 2-Butanone-d5	4.18	46	67315	103.13	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.13%
24) Chloroform-d	4.65	84	74922	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.31	65	53835	50.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.82%
32) Benzene-d6	5.34	84	153647	51.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.26%
36) 1,2-Dichloropropane-d6	6.33	67	53372	51.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.40%
41) Toluene-d8	7.57	98	140224	48.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.68%
43) trans-1,3-Dichloropropene-	7.85	79	23325	49.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.96%
47) 2-Hexanone-d5	8.31	63	48537	102.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.52%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	75362	49.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.10%
64) 1,2-Dichlorobenzene-d4	11.86	152	54616	56.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.36%

Target Compounds

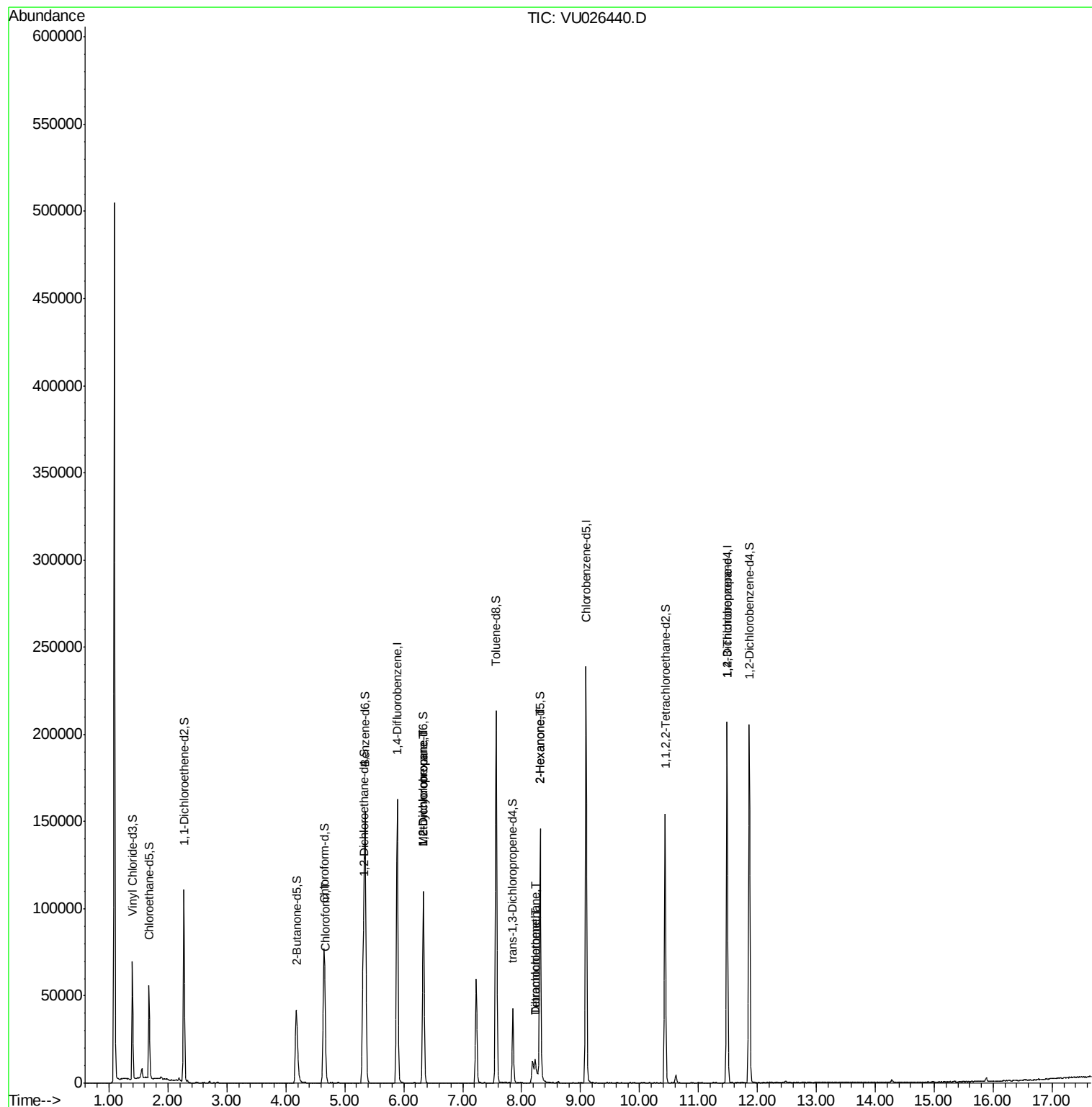
					Ovalue
25) Chloroform	4.67	83	3028	1.722 ug/L	93
35) Methylcyclohexane	6.33	83	11855	8.098 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5642	5.453 ug/L #	88
46) Tetrachloroethene	8.23	164	1880	2.453 ug/L	95
48) 2-Hexanone	8.31	43	6123	5.571 ug/L #	68
49) Dibromochloromethane	8.23	129	1626	1.522 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6395	4.953 ug/L #	85

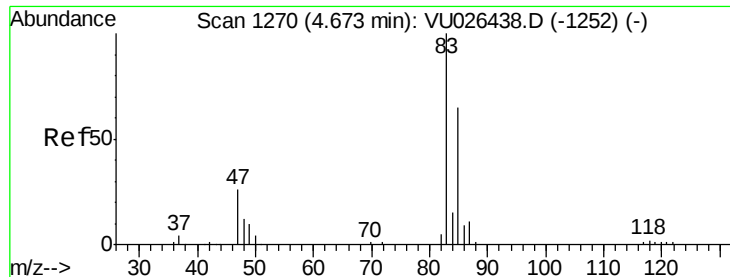
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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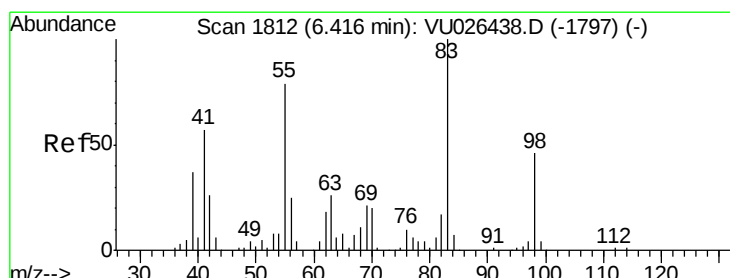
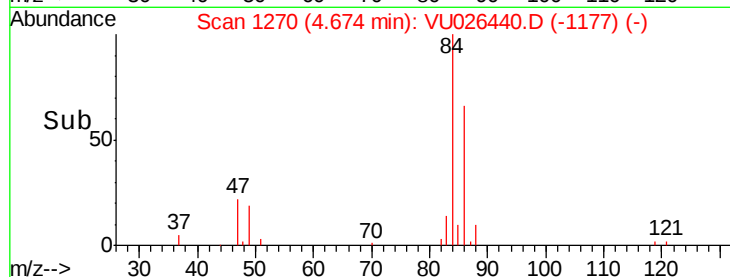
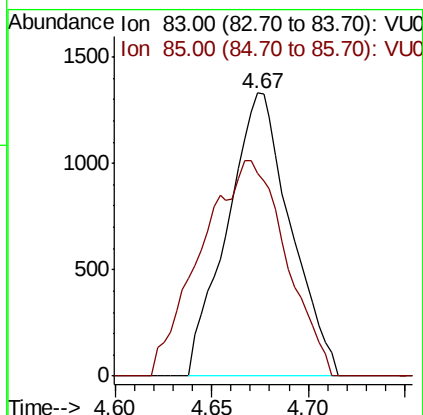
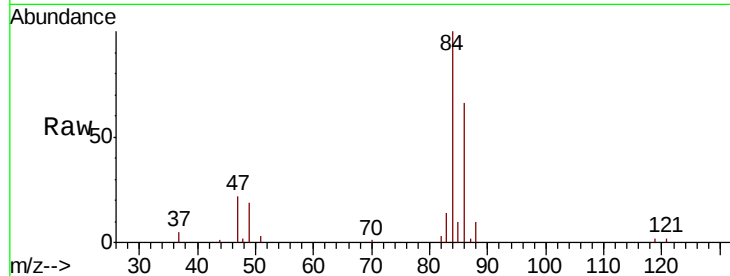




#25
Chloroform
Concen: 1.722 ug/L
RT: 4.67 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU026440.D
Acq: 30 Aug 2018 12:28

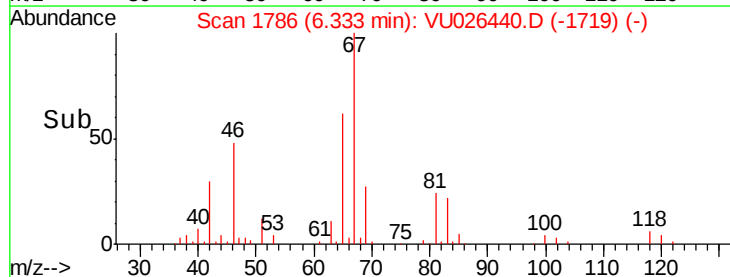
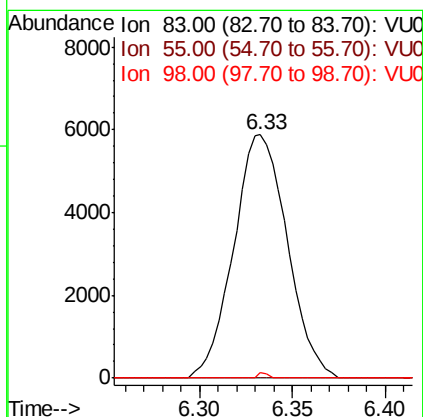
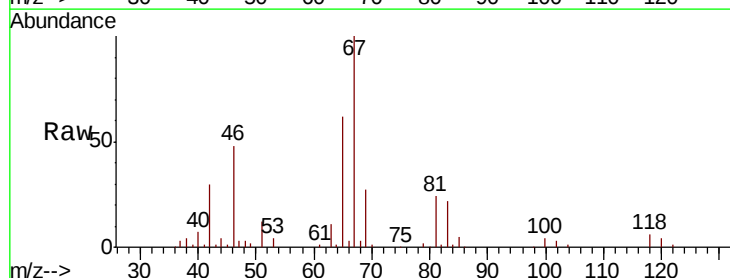
Instrument :
MSVOA_U
ClientSampled :

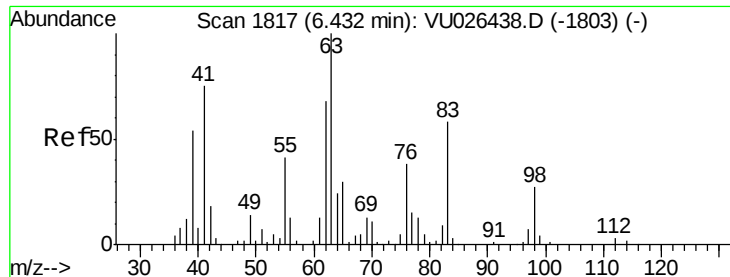
Tot Ion: 83 Resp: 3028
Ion Ratio Lower Upper
83 100
85 71.8 46.5 86.5



#35
Methylcyclohexane
Concen: 8.098 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.08 min
Lab File: VU026440.D
Acq: 30 Aug 2018 12:28

Tgt Ion: 83 Resp: 11855
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.4 36.7 55.1#

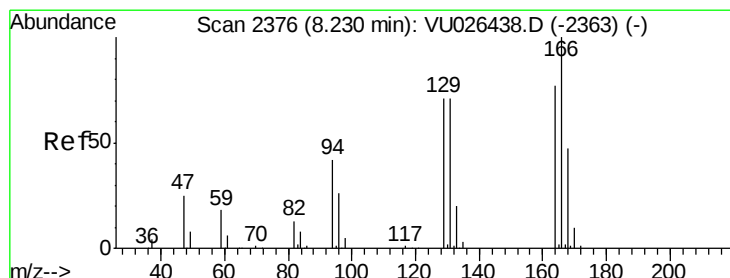
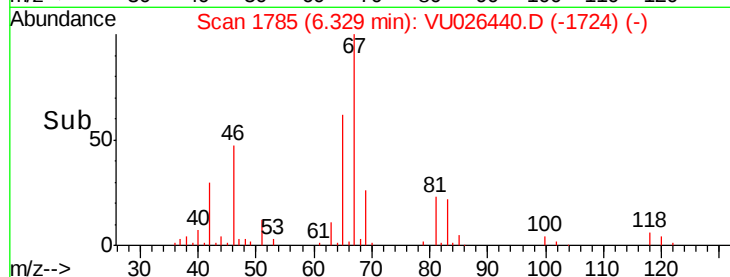
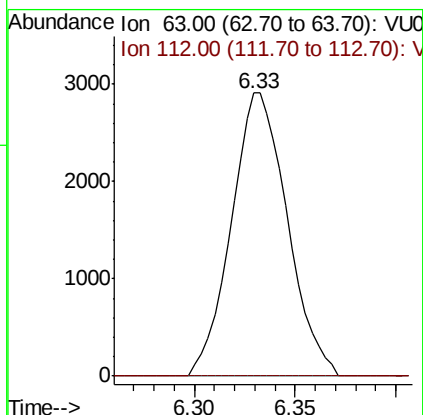
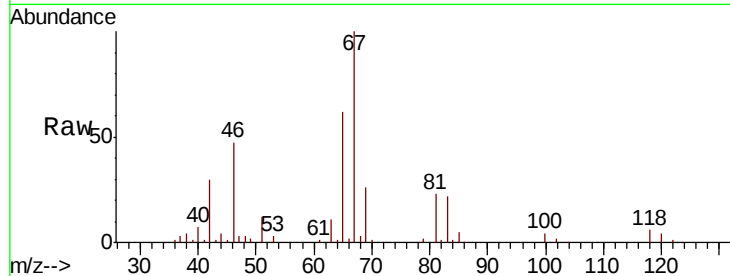




#37
 1,2-Dichloropropane
 Concen: 5.453 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.10 min
 Lab File: VU026440.D
 Acq: 30 Aug 2018 12:28

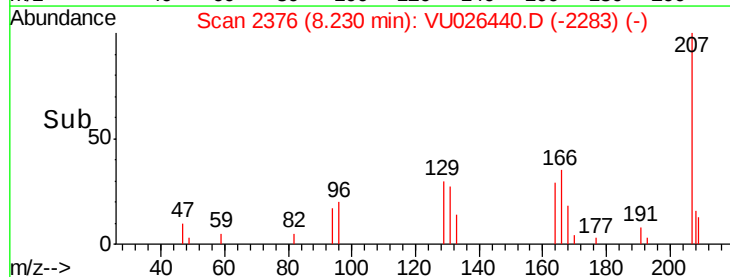
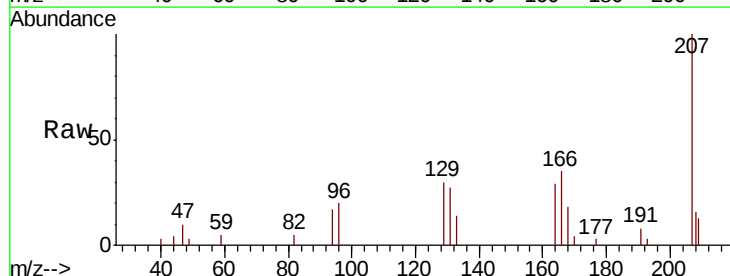
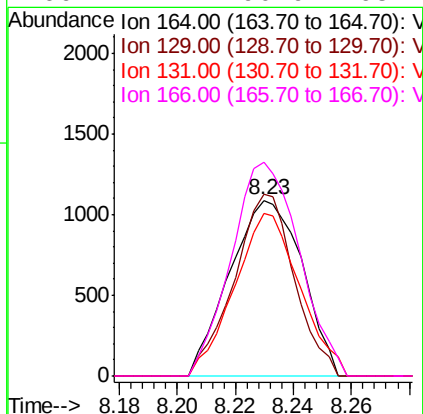
Instrument :
 MSVOA_U
 ClientSampleId :

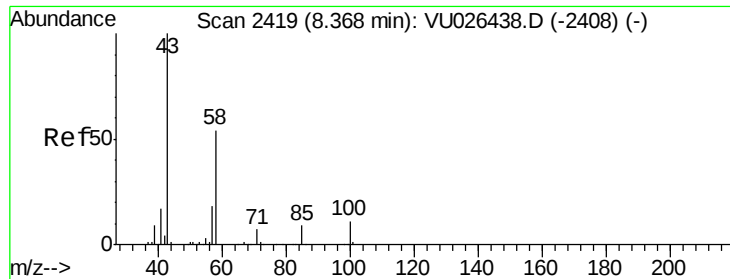
Tot Ion: 63 Resp: 5642
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 2.453 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026440.D
 Acq: 30 Aug 2018 12:28

Tgt Ion:164 Resp: 1880
 Ion Ratio Lower Upper
 164 100
 129 103.6 67.3 125.1
 131 92.6 65.3 121.3
 166 121.7 90.9 168.7

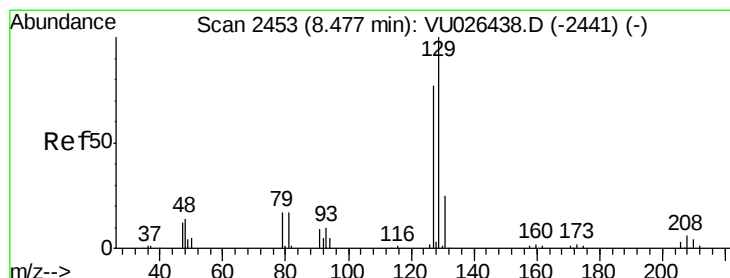
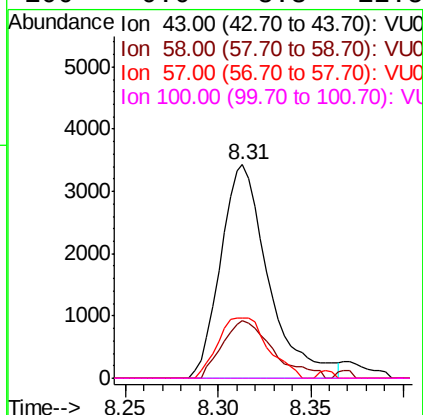
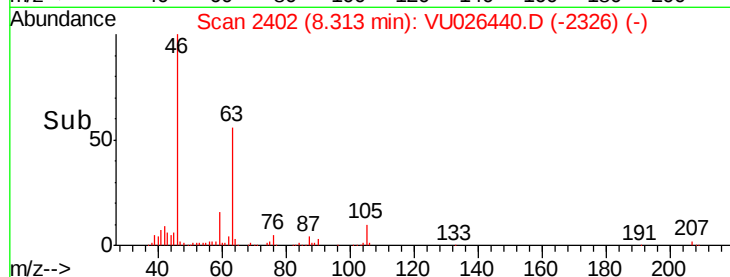
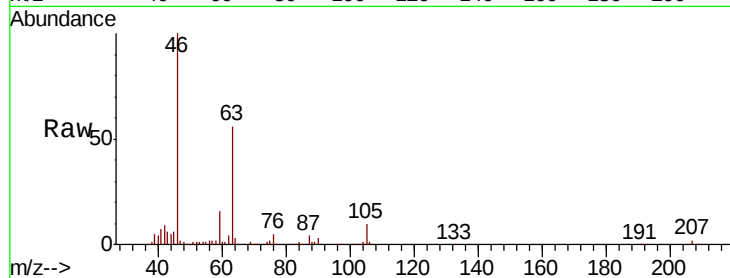




#48
2-Hexanone
Concen: 5.571 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026440.D
Acq: 30 Aug 2018 12:28

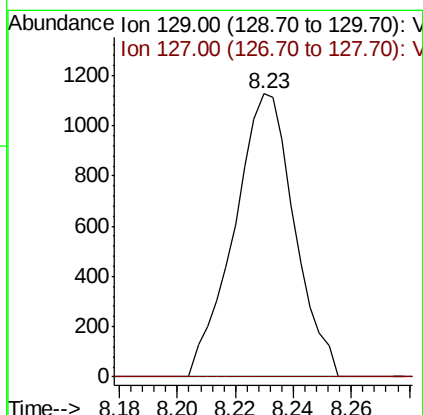
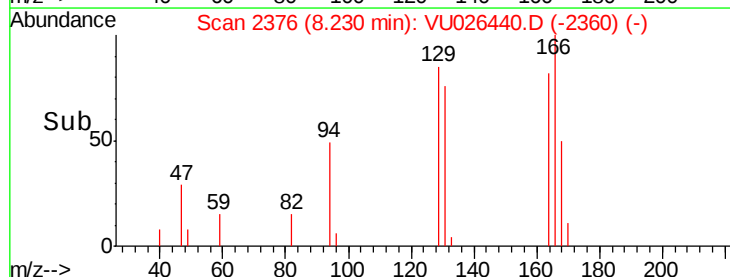
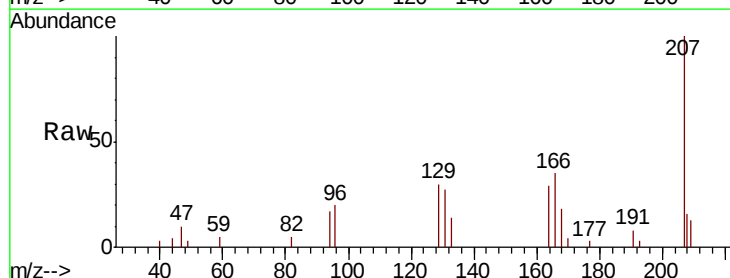
Instrument :
MSVOA_U
ClientSampleId :

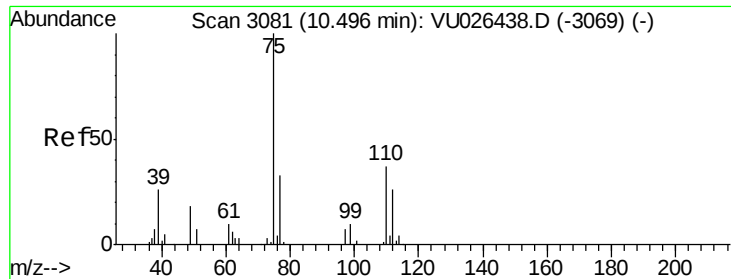
Tot Ion: 43 Resp: 6123
Ion Ratio Lower Upper
43 100
58 28.5 42.2 63.4#
57 29.6 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 1.522 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026440.D
Acq: 30 Aug 2018 12:28

Tgt Ion: 129 Resp: 1626
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.953 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026440.D

Acq: 30 Aug 2018 12:28

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6395

Ion Ratio Lower Upper

75 100

77 39.7 25.0 37.6#

