

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026473.D
 Acq On : 31 Aug 2018 01:51
 Operator : MD/SY
 Sample : J4694-12 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	155979	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	147536	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63173	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40594	42.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.02%
7) Chloroethane-d5	1.68	69	37309	42.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.50%
11) 1,1-Dichloroethene-d2	2.27	63	59107	27.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.32%#
21) 2-Butanone-d5	4.18	46	66926	89.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.23%
24) Chloroform-d	4.65	84	77247	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
26) 1,2-Dichloroethane-d4	5.31	65	52550	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.48%
32) Benzene-d6	5.34	84	151723	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.33	67	53098	45.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.90%
41) Toluene-d8	7.57	98	138565	42.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.42%
43) trans-1,3-Dichloropropene-	7.85	79	21845	40.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.90%
47) 2-Hexanone-d5	8.31	63	48137	89.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	74479	43.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.56%
64) 1,2-Dichlorobenzene-d4	11.86	152	55155	48.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.24%

Target Compounds

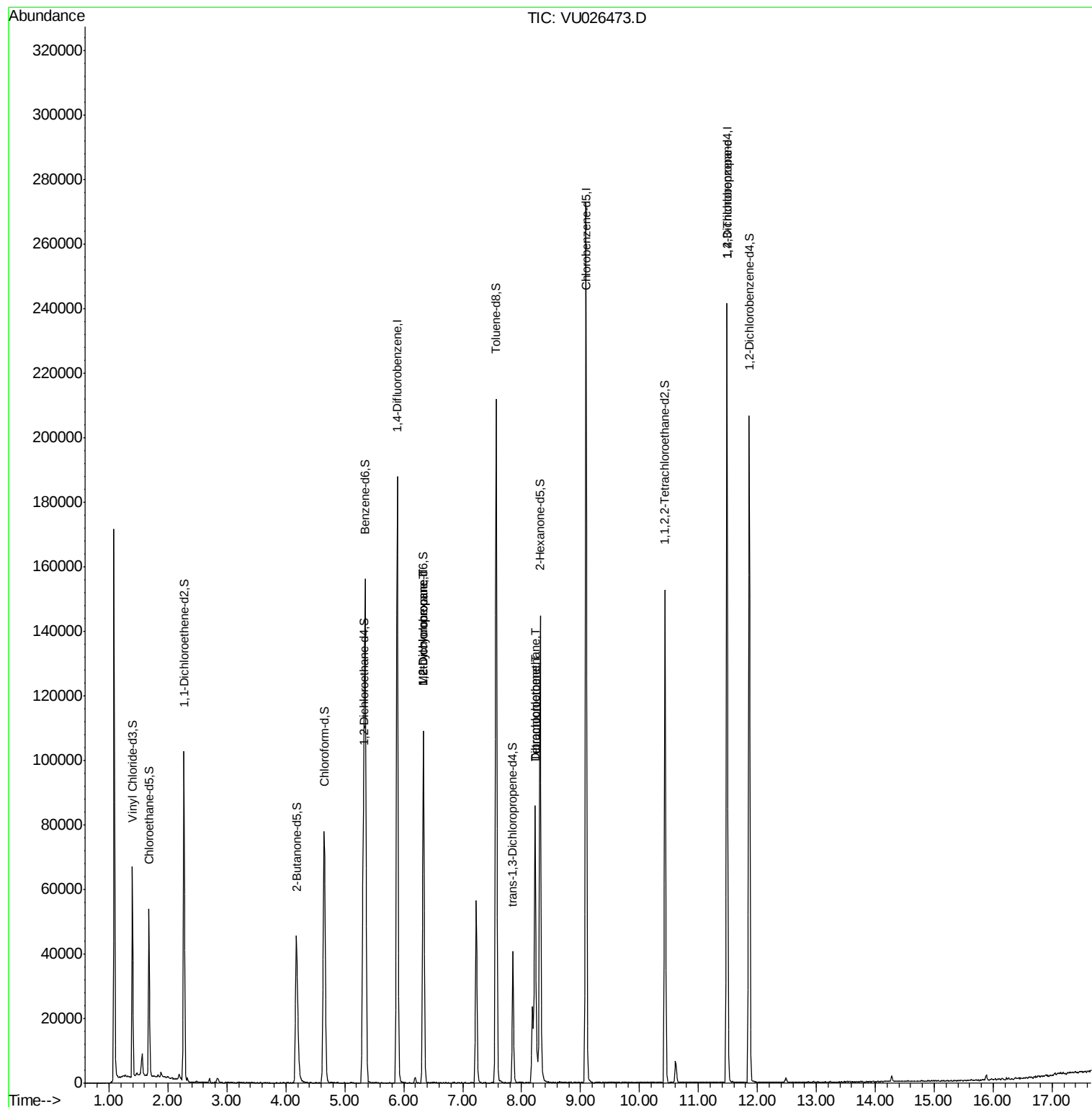
				Ovalue	
35) Methylcyclohexane	6.33	83	12131	7.323	ug/L # 17
37) 1,2-Dichloropropane	6.33	63	5692	4.861	ug/L # 88
46) Tetrachloroethene	8.23	164	17872	20.604	ug/L # 92
49) Dibromochloromethane	8.23	129	15743	13.025	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7055	4.829	ug/L # 86

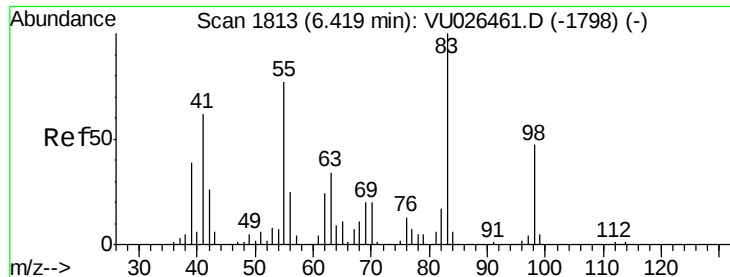
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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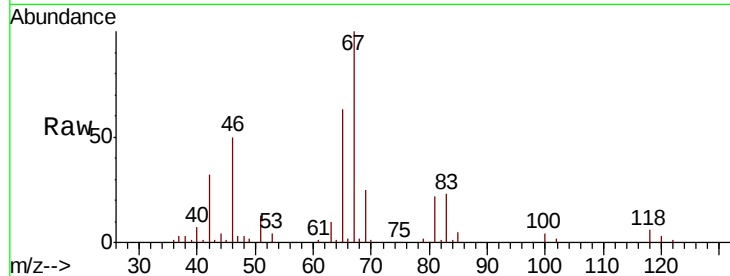




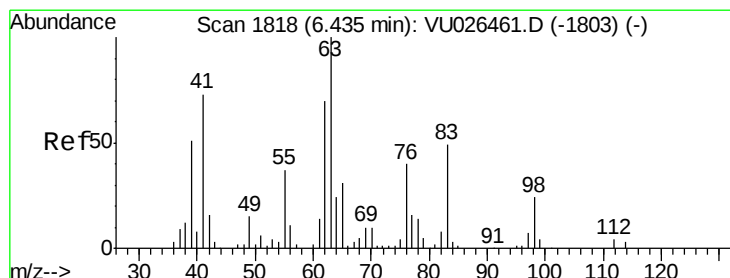
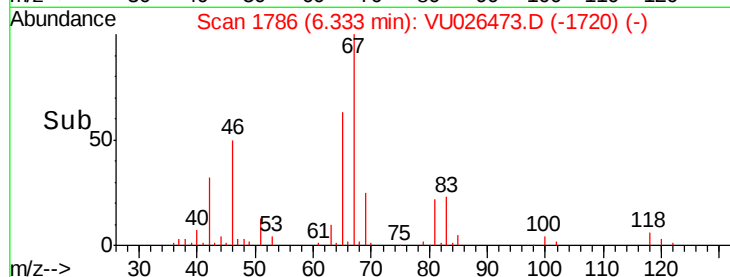
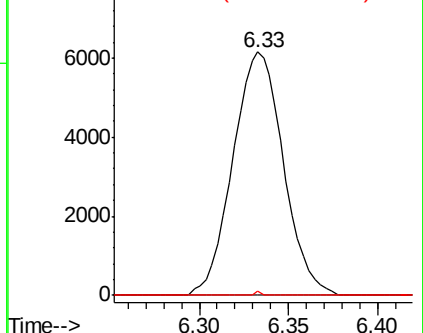
#35
Methvlcvclohexane
Concen: 7.323 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026473.D
Acq: 31 Aug 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12131
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

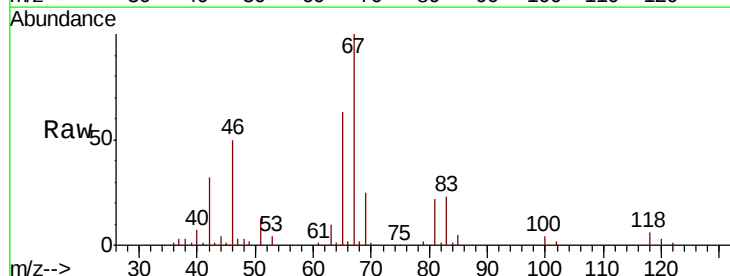


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

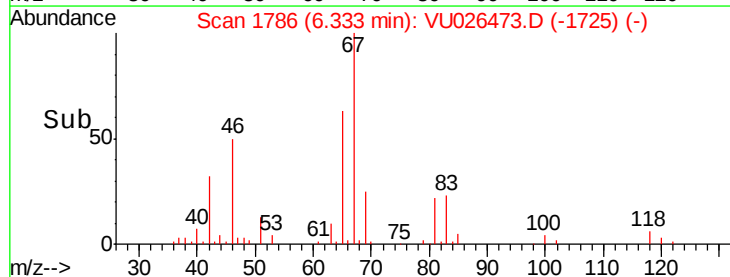
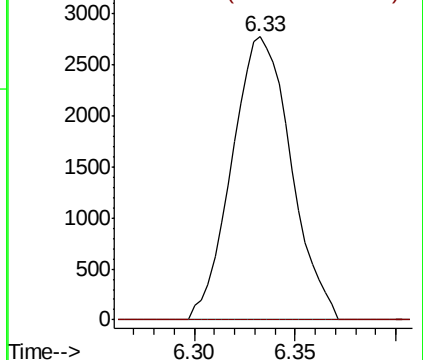


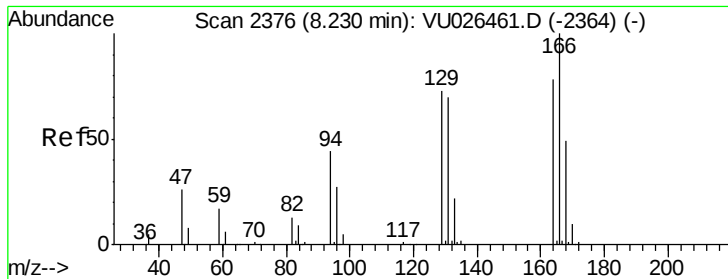
#37
1,2-Dichloropropane
Concen: 4.861 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026473.D
Acq: 31 Aug 2018 01:51

Tgt Ion: 63 Resp: 5692
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V

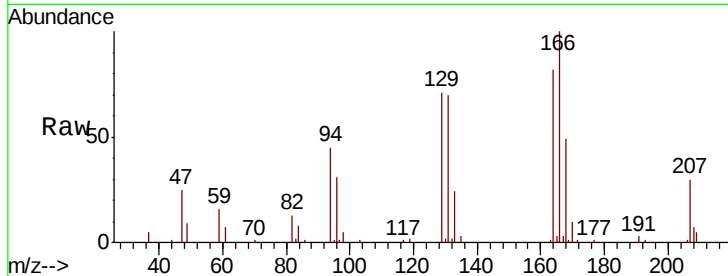




#46
Tetrachloroethene
Concen: 20.604 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026473.D
Acq: 31 Aug 2018 01:51

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	87.3	67.3	125.1
131	86.0	65.3	121.3
166	122.5	90.9	168.7



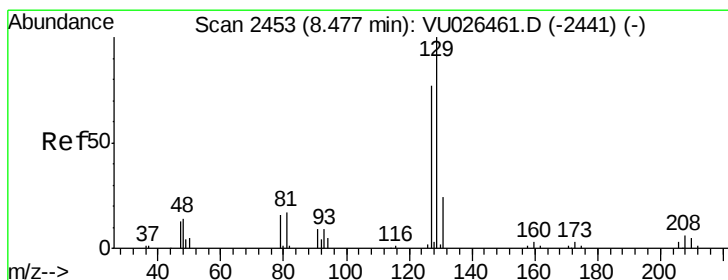
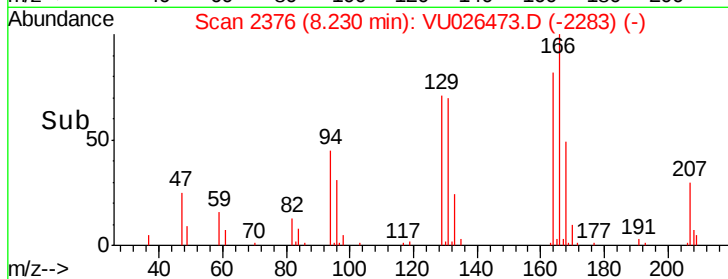
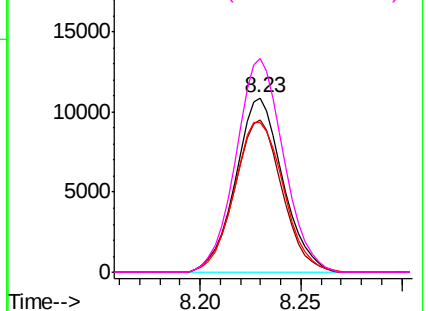
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

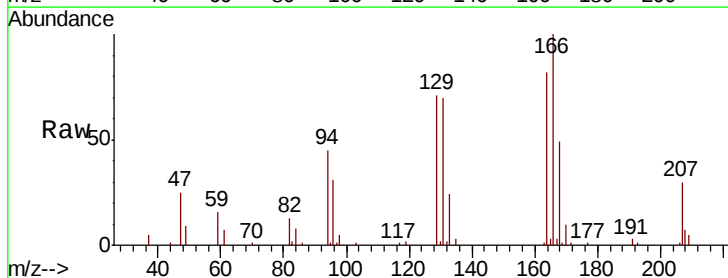
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49
Dibromochloromethane
Concen: 13.025 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026473.D
Acq: 31 Aug 2018 01:51

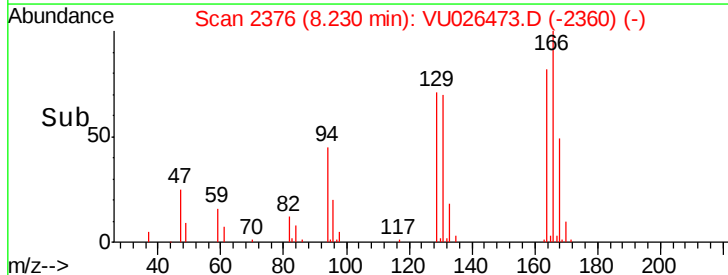
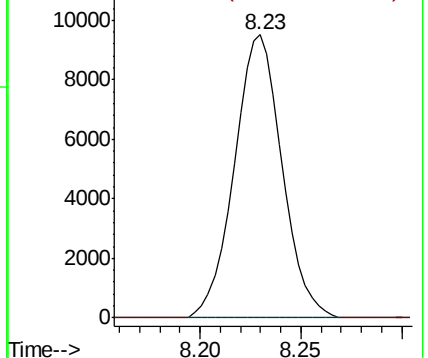
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.0	102.2#

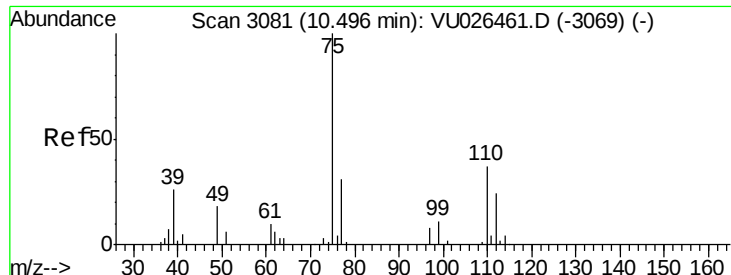


Abundance

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.829 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026473.D

Acq: 31 Aug 2018 01:51

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7055

Ion Ratio Lower Upper

75 100

77 38.8 25.0 37.6#

