

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036160.D
 Acq On : 12 Dec 2019 19:59
 Operator : JC/MD
 Sample : K6273-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ0

Manual Integrations
 APPROVED

apatel
 12/13/2019 3:58:37 PM

Quant Time: Dec 13 03:29:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 02:41:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.63	114	199881m	5.00	ug/L	0.34
28) Chlorobenzene-d5	9.54	117	216603	5.00	ug/L	0.09
60) 1,4-Dichlorobenzene-d4	11.86	152	99667	5.00	ug/L	0.03

System Monitoring Compounds

4) Vinyl Chloride-d3	1.98	65	141703m	6.99	ug/L	0.37
Spiked Amount	5.000	Range	40 - 130	Recovery	=	139.80%#
7) Chloroethane-d5	2.42	69	130649m	7.34	ug/L	0.49
Spiked Amount	5.000	Range	65 - 130	Recovery	=	146.80%#
11) 1,1-Dichloroethene-d2	3.21	63	178815m	6.69	ug/L	0.61
Spiked Amount	5.000	Range	60 - 125	Recovery	=	133.80%#
20) 2-Butanone-d5	5.24	46	252534m	77.60	ug/L	0.54
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.20%#
24) Chloroform-d	5.63	84	182720m	6.21	ug/L	0.51
Spiked Amount	5.000	Range	70 - 125	Recovery	=	124.20%
26) 1,2-Dichloroethane-d4	6.17	65	79303m	5.32	ug/L	0.42
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	6.20	84	300019m	5.18	ug/L	0.42
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	7.02	67	90445m	5.02	ug/L	0.29
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	8.11	98	207967	3.89	ug/L	0.18
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	8.36	79	30713	4.08	ug/L	0.15
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.79	63	119752	43.25	ug/L	0.12
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.50%
57) 1,1,2,2-Tetrachloroethane-	0.00	84	0d	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.00%#
64) 1,2-Dichlorobenzene-d4	12.24	152	104654	5.53	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

					Ovalue
19) 1,1-Dichloroethane	3.95	63	19648	0.684 ug/L #	89
38) Bromodichloromethane	7.24	83	5763	0.263 ug/L #	48
68) 1,2,4-trichlorobenzene	13.86	180	1985	0.178 ug/L #	61
70) 1,2,3-Trichlorobenzene	14.35	180	1930	0.186 ug/L	88

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

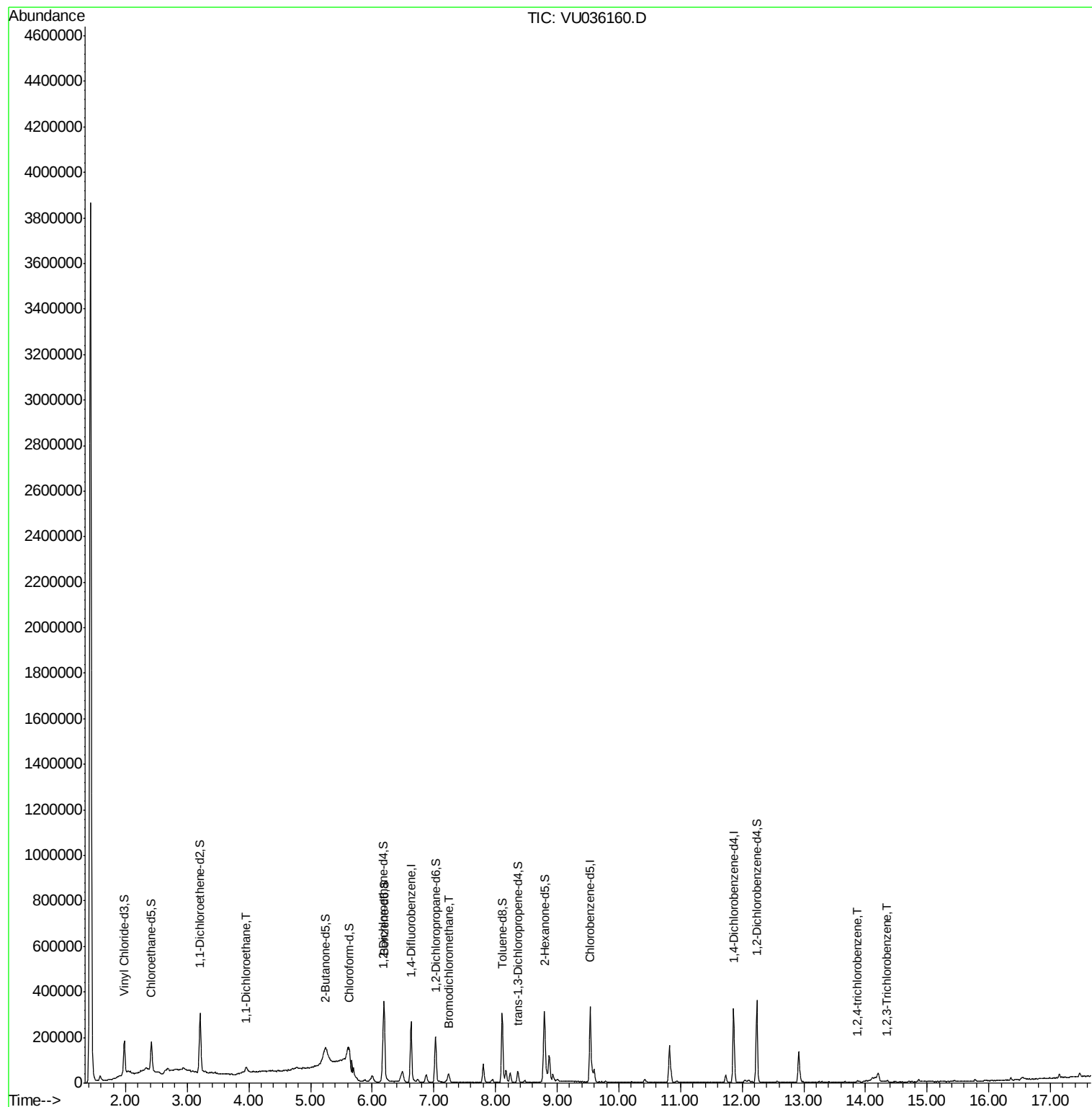
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121219\
Data File : VU036160.D
Acq On : 12 Dec 2019 19:59
Operator : JC/MD
Sample : K6273-03
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

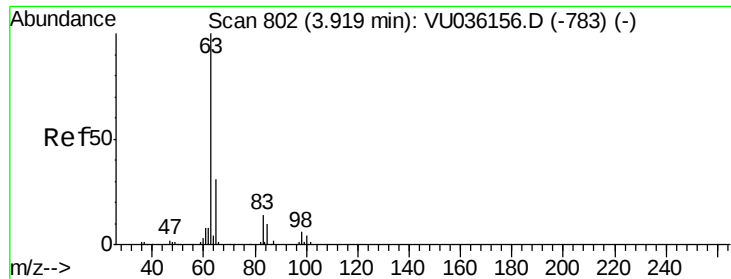
Instrument :
MSVOA_U
ClientSampleId :
BFDQ0

Manual Integrations
APPROVED

apatel
12/13/2019 3:58:37 PM

Quant Time: Dec 13 03:29:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 13 02:41:23 2019
Response via : Initial Calibration





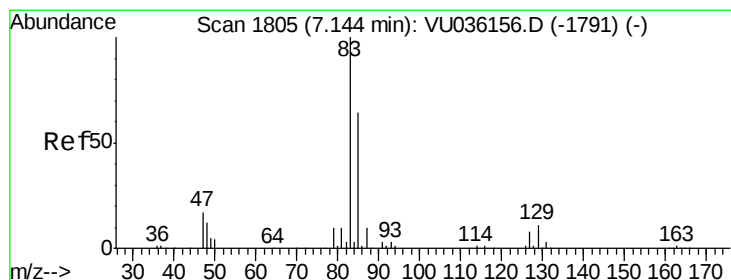
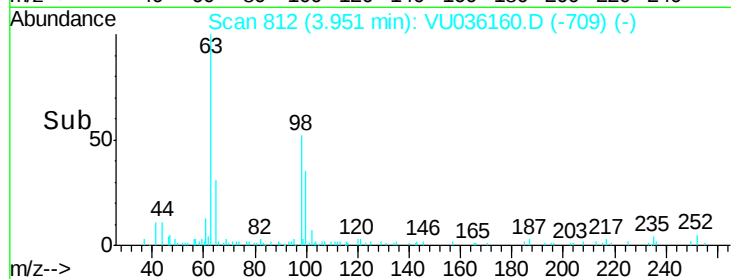
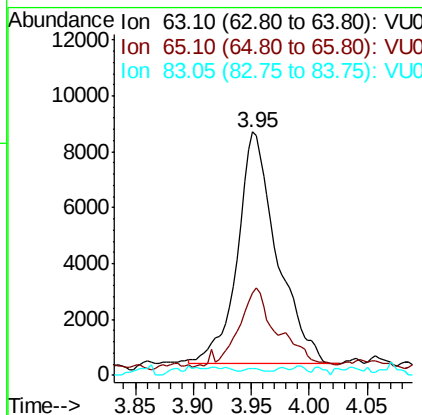
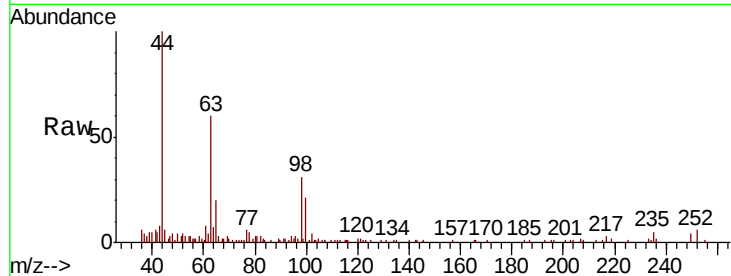
#19
 1,1-Dichloroethane
 Concen: 0.684 ug/L
 RT: 3.95 min Scan# 812
 Delta R.T. 0.03 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Instrument :
 MSVOA_U
 ClientSampleID :
 BFDQ0

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.2	41.2
83	2.7	9.8	18.2

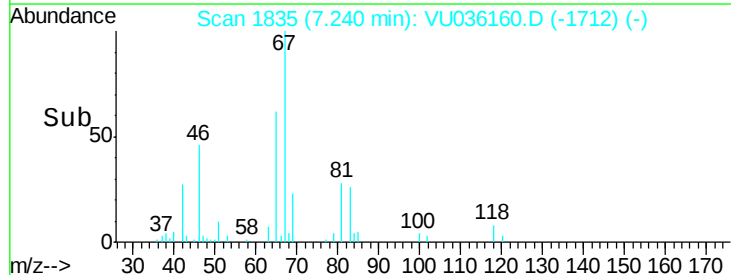
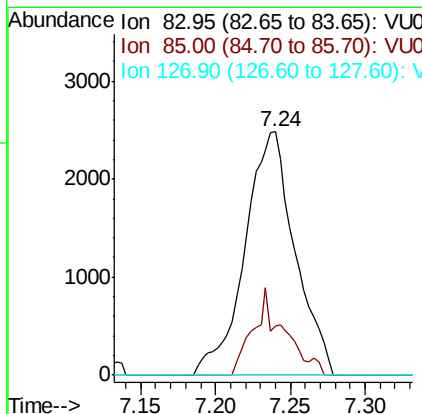
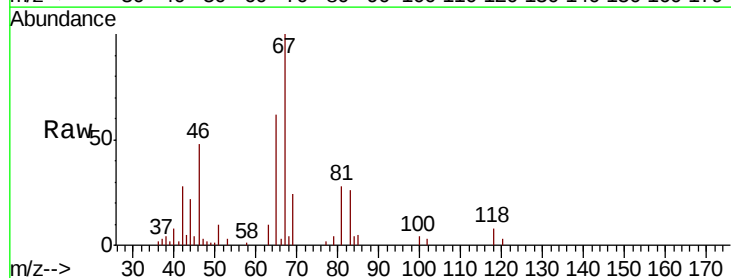
Manual Integrations
 APPROVED

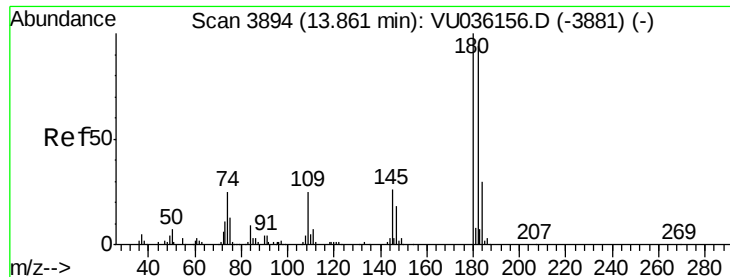
apatel
 12/13/2019 3:58:37 PM



#38
 Bromodichloromethane
 Concen: 0.263 ug/L
 RT: 7.24 min Scan# 1835
 Delta R.T. 0.10 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	20.2	44.7	83.1
127	0.0	7.4	11.0





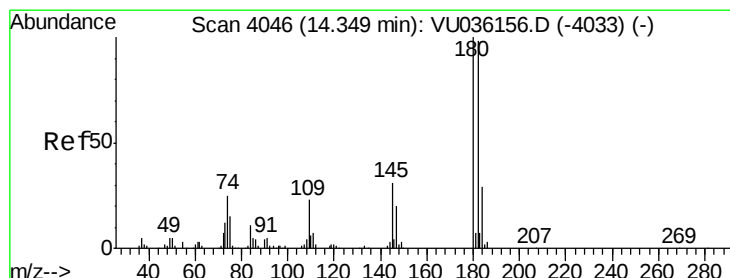
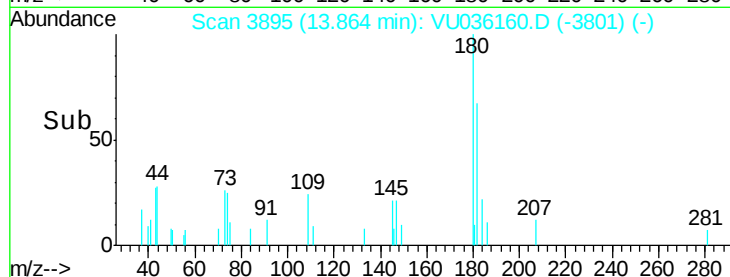
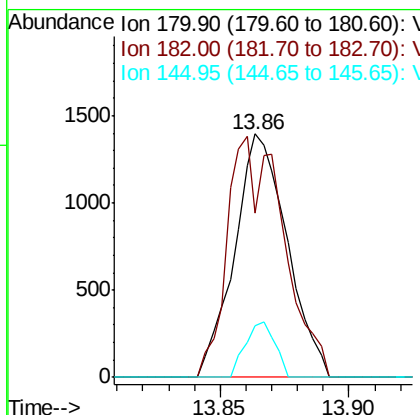
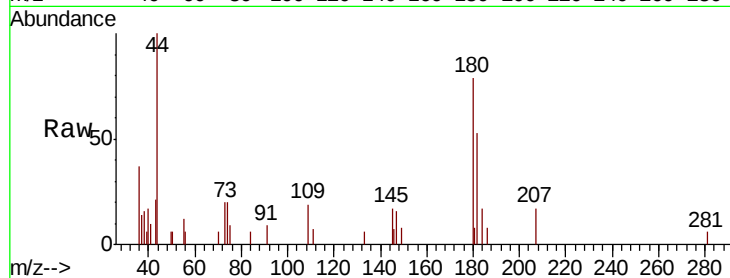
#68
 1,2,4-trichlorobenzene
 Concen: 0.178 ug/L
 RT: 13.86 min Scan# 3895
 Delta R.T. 0.00 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFDQ0

Tot Ion	Ratio	Resp	Lower	Upper
180	100	1985		
182	53.2		75.0	112.6#
145	12.8		21.8	32.6#

Manual Integrations
 APPROVED

apatel
 12/13/2019 3:58:37 PM



#70
 1,2,3-Trichlorobenzene
 Concen: 0.186 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. 0.00 min
 Lab File: VU036160.D
 Acq: 12 Dec 2019 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	1930		
182	107.8		74.8	112.2
145	32.2		24.1	36.1

