

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101519\
 Data File : VU035187.D
 Acq On : 15 Oct 2019 13:10
 Operator : JC/SP
 Sample : K5311-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 15 15:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 15 15:10:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	132202	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	139038	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	51795	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38003	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.67	69	36984	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.26	63	55148	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	4.19	46	146926	63.84	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.68%
24) Chloroform-d	4.62	84	85246	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.29	65	49168	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.32	84	150829	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.31	67	55364	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.55	98	122589	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.84	79	17383	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.31	63	94318	50.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.12%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	50402	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	46079	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

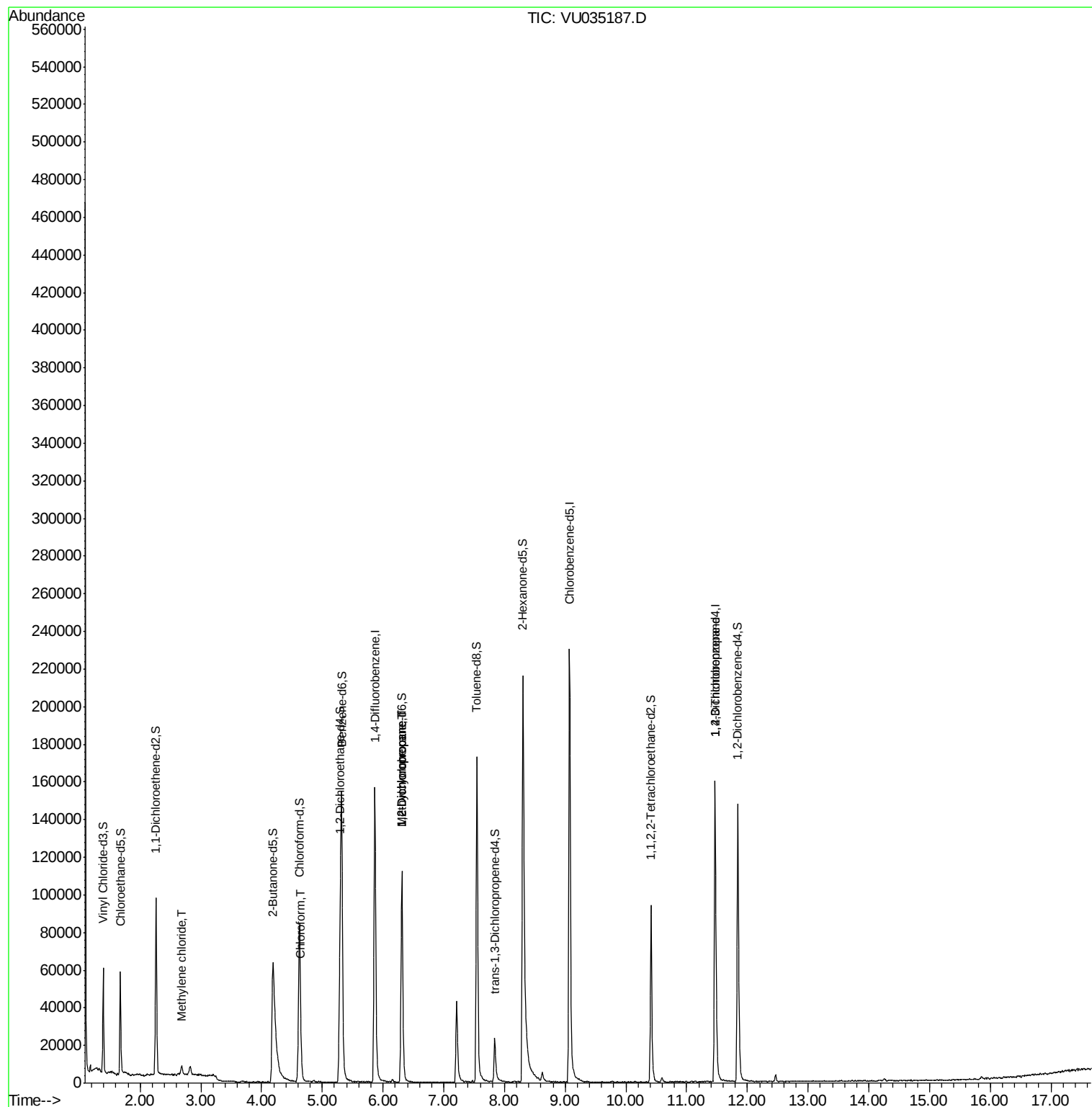
					Ovalue
16) Methylene chloride	2.68	84	1802	0.171 ug/L #	77
25) Chloroform	4.65	83	3642	0.179 ug/L	81
35) Methylcyclohexane	6.31	83	12403	0.709 ug/L #	19
37) 1,2-Dichloropropane	6.31	63	6817	0.603 ug/L #	88
59) 1,2,3-Trichloropropane	11.47	75	6776	0.927 ug/L	89

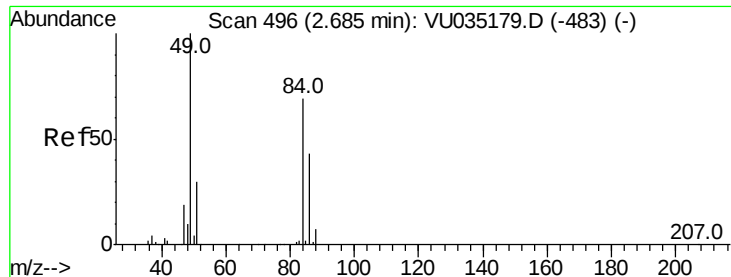
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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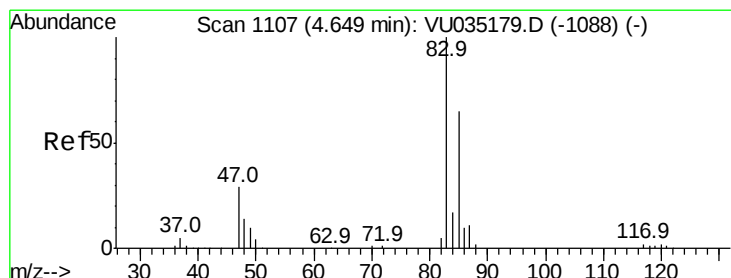
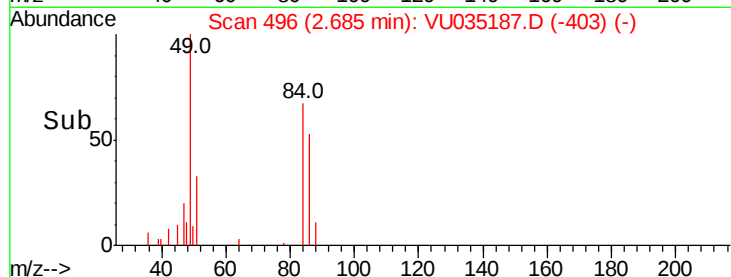
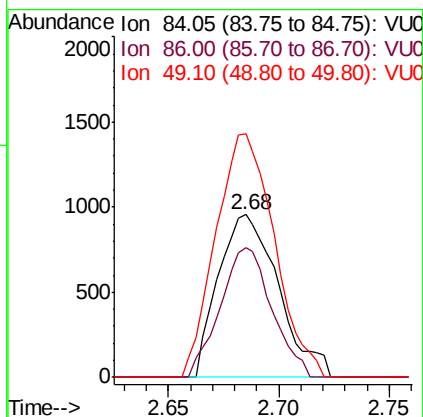
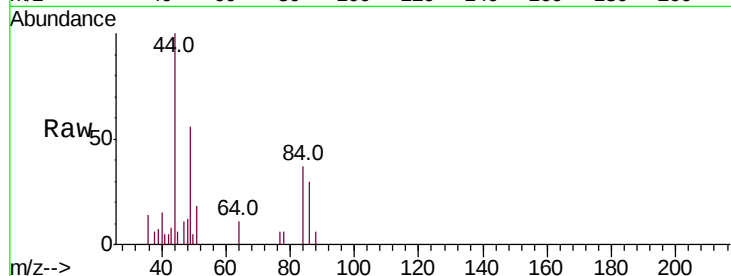




#16
Methvlene chloride
Concen: 0.171 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU035187.D
Acq: 15 Oct 2019 13:10

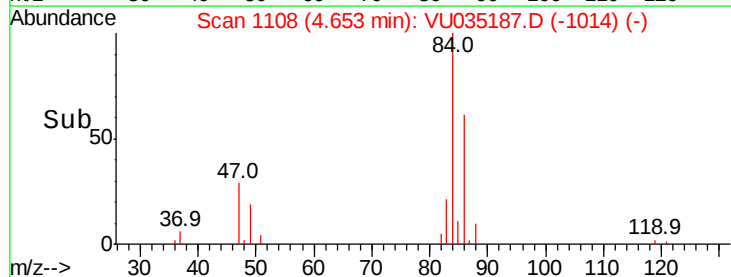
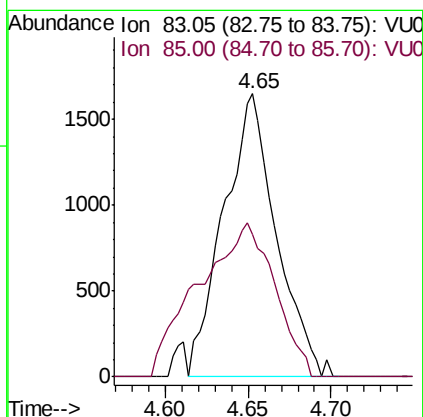
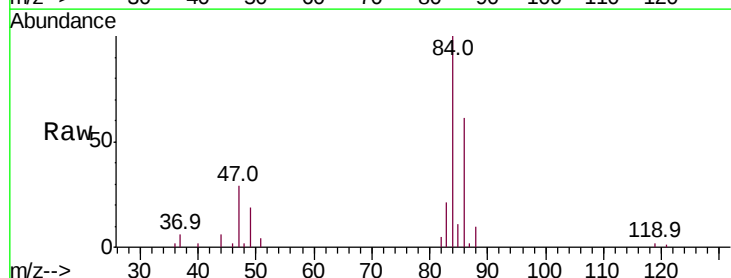
Instrument :
MSVOA_U
ClientSampleId :

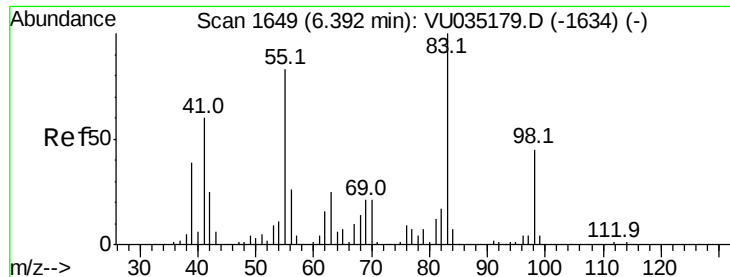
Tot Ion: 84 Resp: 1802
Ion Ratio Lower Upper
84 100
86 79.8 42.5 78.9#
49 149.5 86.9 161.3



#25
Chloroform
Concen: 0.179 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035187.D
Acq: 15 Oct 2019 13:10

Tgt Ion: 83 Resp: 3642
Ion Ratio Lower Upper
83 100
85 50.2 45.4 84.4

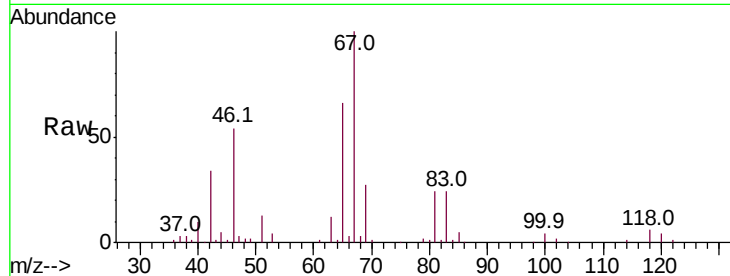




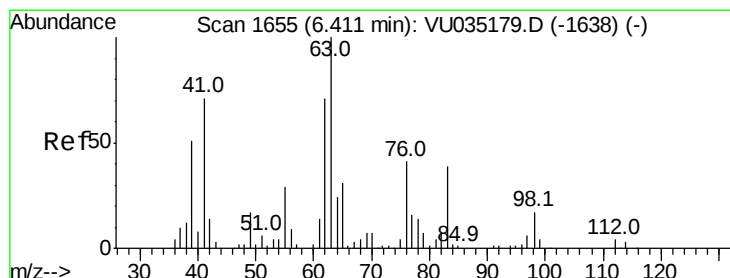
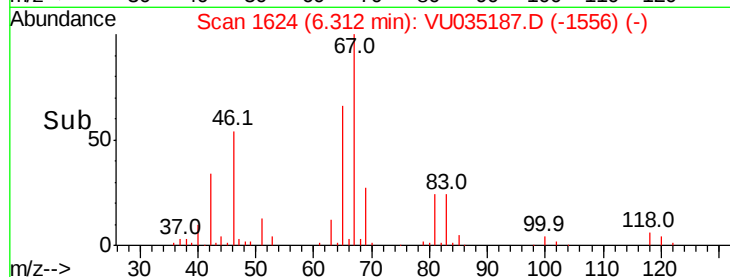
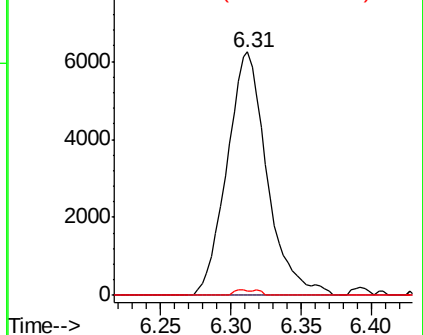
#35
Methvlcvclohexane
Concen: 0.709 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035187.D
Acq: 15 Oct 2019 13:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12403
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 1.3 36.2 54.2#

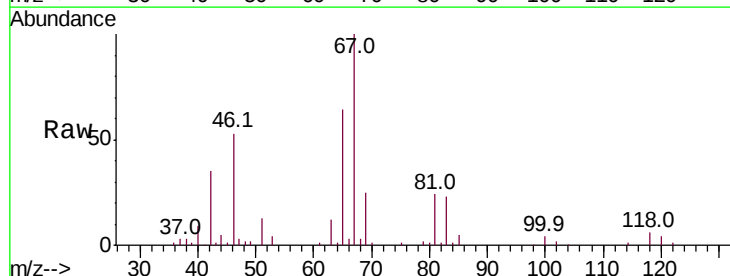


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

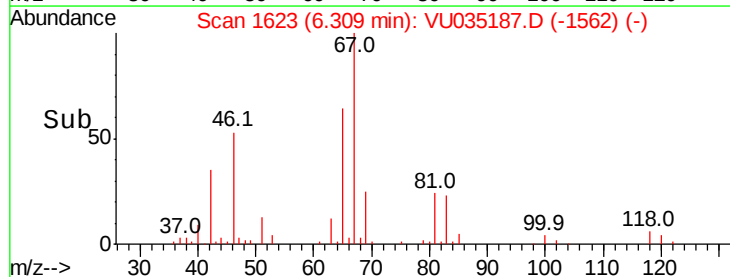
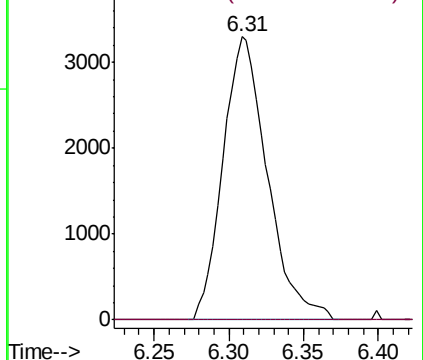


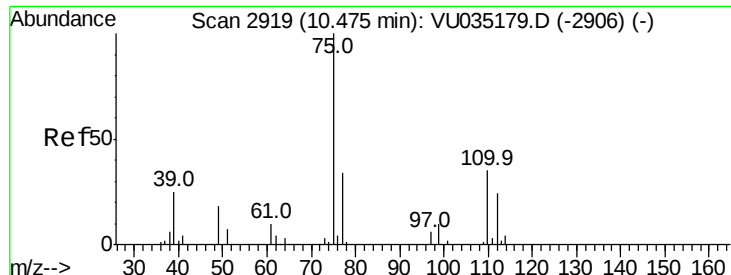
#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035187.D
Acq: 15 Oct 2019 13:10

Tgt Ion: 63 Resp: 6817
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#59

1,2,3-Trichloropropane
 Concen: 0.927 ug/L
 RT: 11.47 min Scan# 3227
 Delta R.T. 0.99 min
 Lab File: VU035187.D
 Acq: 15 Oct 2019 13:10

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 6776
 Ion Ratio Lower Upper
 75 100
 77 39.4 26.5 39.7

