

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102819\
 Data File : VU035530.D
 Acq On : 28 Oct 2019 12:06
 Operator : JC/SP
 Sample : K5554-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:21:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 04:18:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	226954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	244511	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104885	5.00	ug/L	0.00

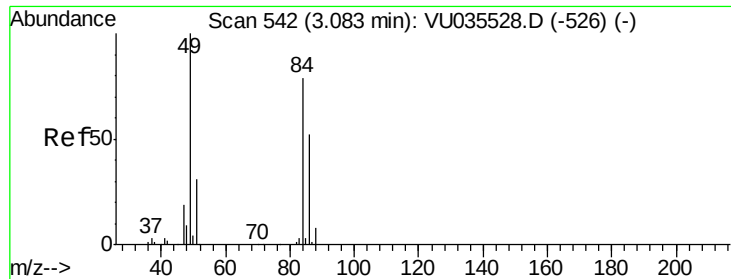
System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	123579	4.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.00%
7) Chloroethane-d5	1.93	69	107055	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.59	63	155188	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	4.72	46	322638	54.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.02%
24) Chloroform-d	5.11	84	205523	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.75	65	109807	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.77	84	399118	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.74	67	136249	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.93	98	335129	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	8.22	79	51028	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.69	63	233357	55.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.70%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	108204	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	111319	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

					Ovalue
16) Methylene chloride	3.08	84	7563	0.270 ug/L	96
35) Methylcyclohexane	6.74	83	30984	0.837 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	14511	0.564 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	3657	0.102 ug/L #	54
48) 2-Hexanone	8.73	43	9338	0.911 ug/L #	83
59) 1,2,3-Trichloropropane	11.84	75	12492	0.758 ug/L	98

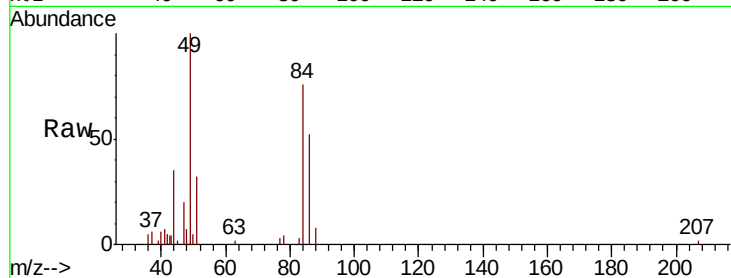
(#) = qualifier out of range (m) = manual integration (+) = signals summed



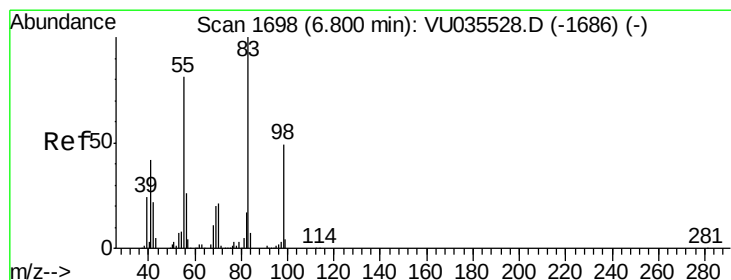
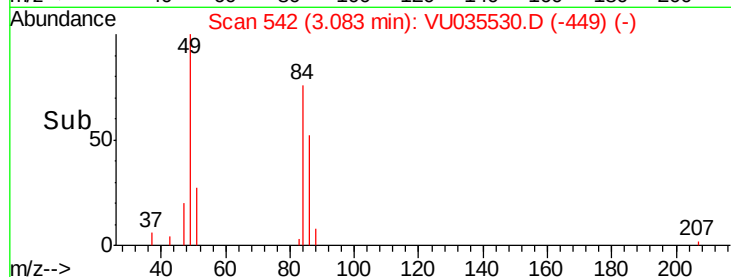
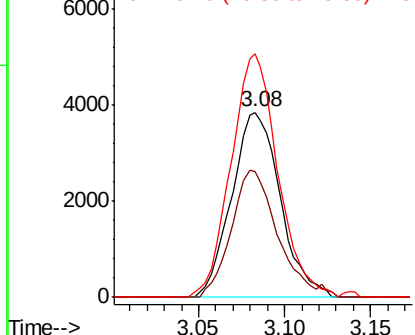
#16
Methylene chloride
Concen: 0.270 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035530.D
Acq: 28 Oct 2019 12:06

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 7563
Ion Ratio Lower Upper
84 100
86 67.8 43.7 81.1
49 131.6 89.5 166.3

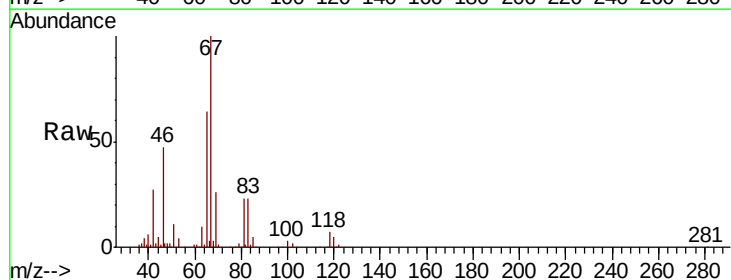


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

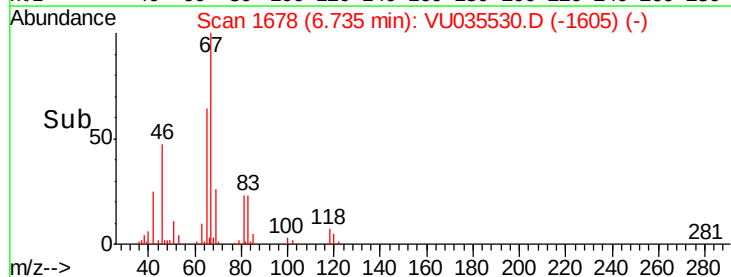
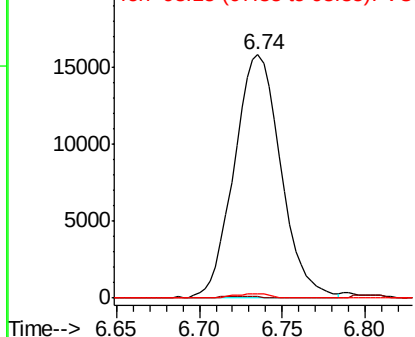


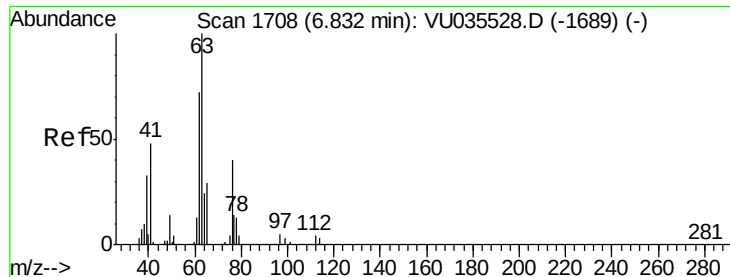
#35
Methylcyclohexane
Concen: 0.837 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035530.D
Acq: 28 Oct 2019 12:06

Tgt Ion: 83 Resp: 30984
Ion Ratio Lower Upper
83 100
55 0.6 67.3 100.9#
98 1.3 39.0 58.6#



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

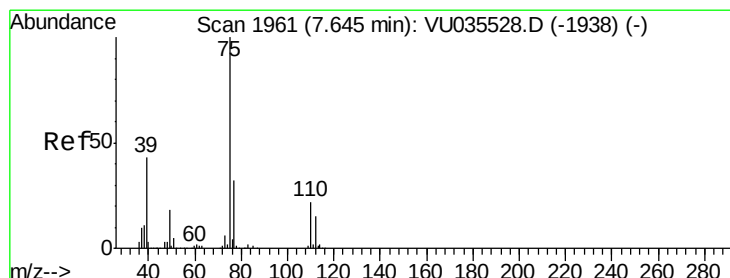
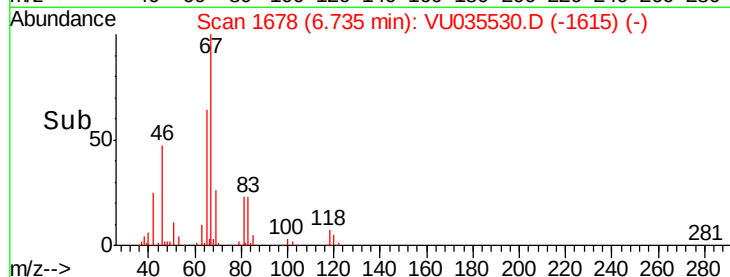
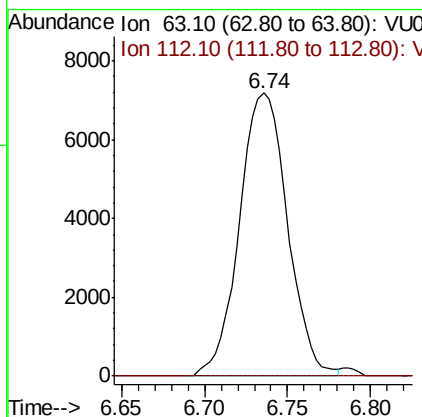
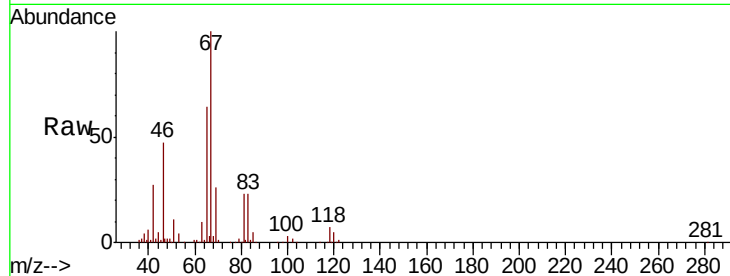




#37
 1,2-Dichloropropane
 Concen: 0.564 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035530.D
 Acq: 28 Oct 2019 12:06

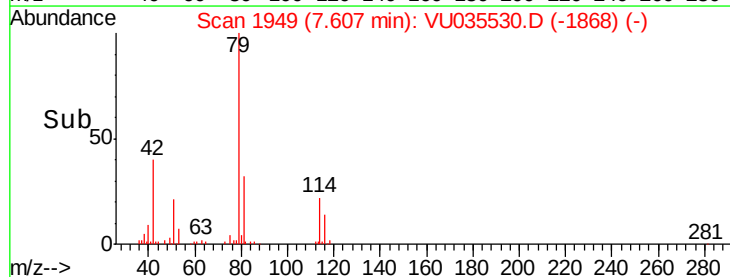
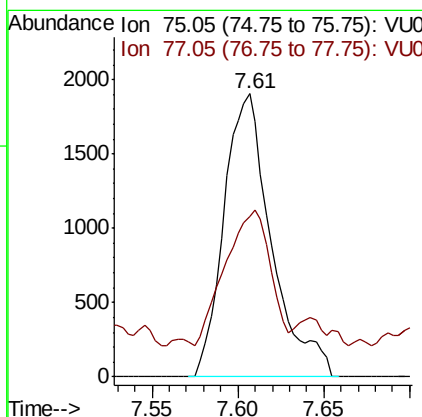
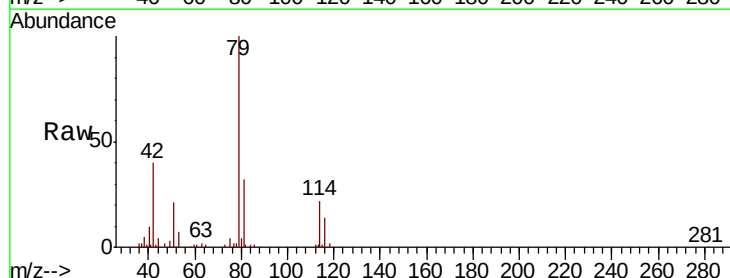
Instrument :
 MSVOA_U
 ClientSampleId :

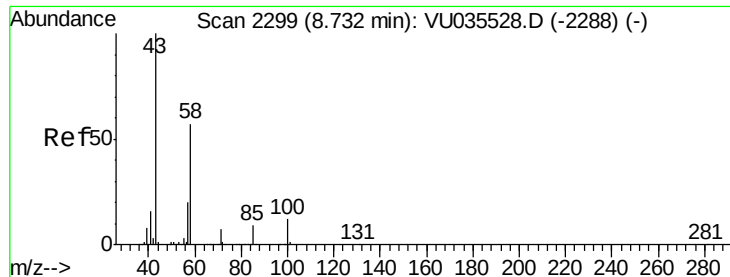
Tot Ion: 63 Resp: 14511
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035530.D
 Acq: 28 Oct 2019 12:06

Tgt Ion: 75 Resp: 3657
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.0 40.8#

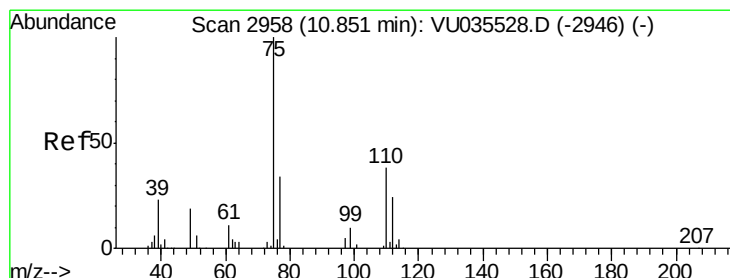
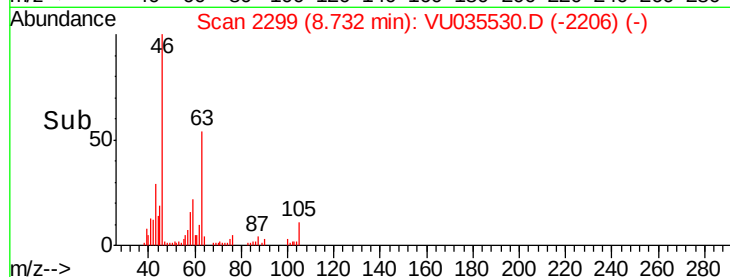
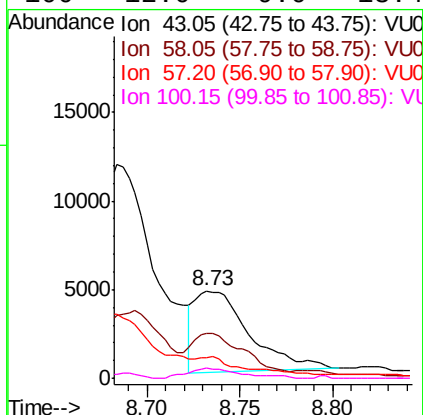
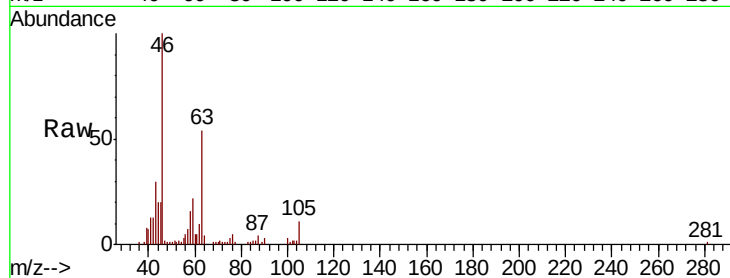




#48
 2-Hexanone
 Concen: 0.911 ug/L
 RT: 8.73 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VU035530.D
 Acq: 28 Oct 2019 12:06

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 43 Resp: 9338
 Ion Ratio Lower Upper
 43 100
 58 44.9 43.1 64.7
 57 0.0 14.2 21.2#
 100 12.0 9.0 13.4



#59
 1,2,3-Trichloropropane
 Concen: 0.758 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035530.D
 Acq: 28 Oct 2019 12:06

Tgt Ion: 75 Resp: 12492
 Ion Ratio Lower Upper
 75 100
 77 35.4 27.4 41.0

