

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028537.D
 Acq On : 07 Dec 2018 17:23
 Operator : MD/SY
 Sample : J6299-12RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F39RE

Quant Time: Dec 07 22:58:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:52:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	130723	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125734	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	80700	68.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	137.40%#
7) Chloroethane-d5	1.68	69	63472	70.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	141.10%#
11) 1,1-Dichloroethene-d2	2.27	63	111261	53.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.84%
21) 2-Butanone-d5	4.17	46	145017	151.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	151.76%#
24) Chloroform-d	4.65	84	133371	70.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.58%#
26) 1,2-Dichloroethane-d4	5.31	65	92041	71.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	143.90%#
32) Benzene-d6	5.34	84	280776	72.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.00%#
36) 1,2-Dichloropropane-d6	6.33	67	102217	72.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	145.36%#
41) Toluene-d8	7.57	98	248762	70.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	140.76%#
43) trans-1,3-Dichloropropene-	7.85	79	46179	72.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	145.00%#
47) 2-Hexanone-d5	8.31	63	101501	149.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.93%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	128969	71.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	143.36%#
64) 1,2-Dichlorobenzene-d4	11.86	152	87827	74.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	148.46%#

Target Compounds

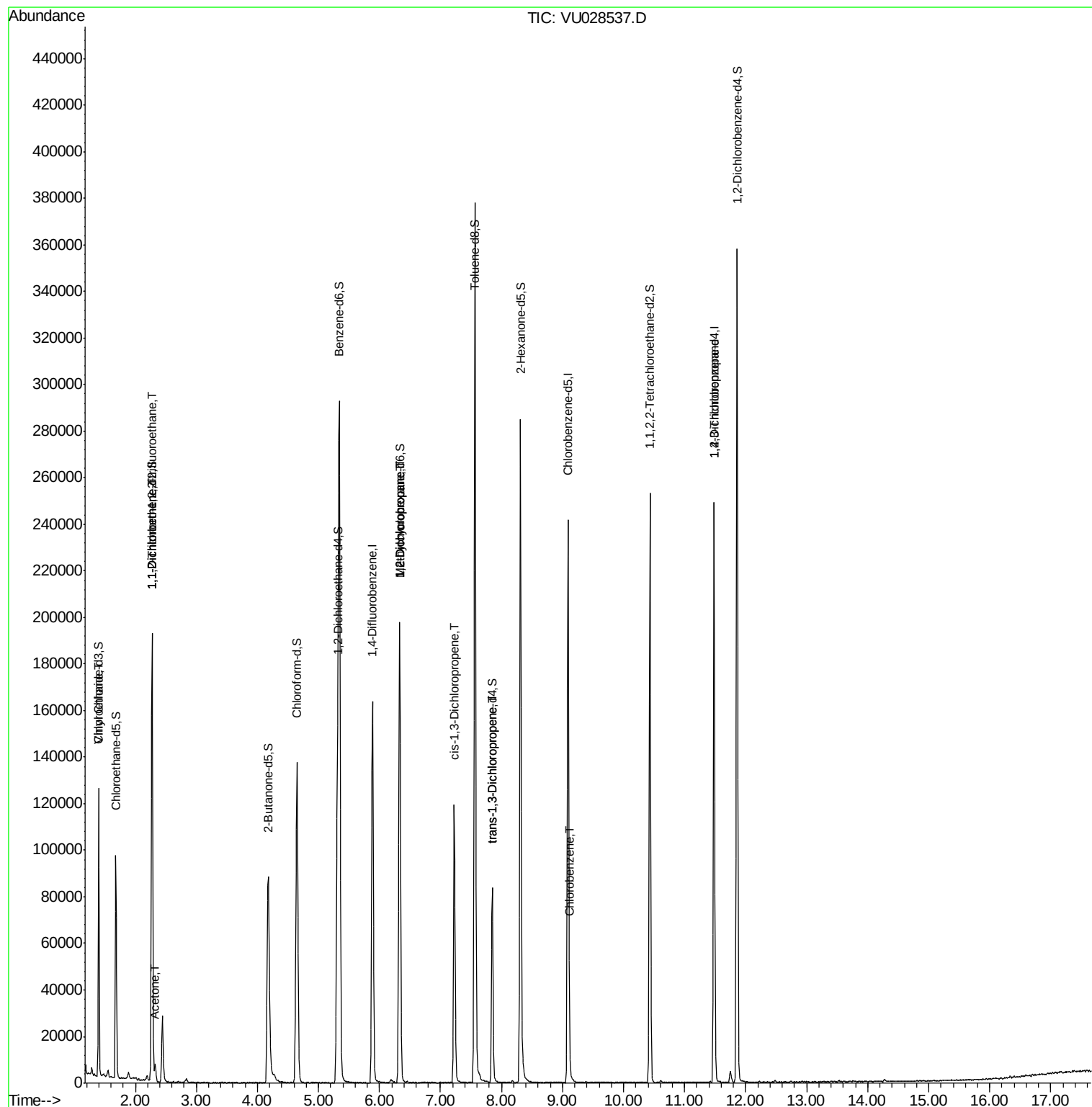
					Qvalue
8) Chloroethane	1.40	64	1278	1.599 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	808	0.948 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	863	1.056 ug/L #	1
13) Acetone	2.32	43	6884	6.922 ug/L	97
35) Methylcyclohexane	6.33	83	20839	11.699 ug/L #	15
37) 1,2-Dichloropropane	6.33	63	10079	7.938 ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	2498	1.384 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	1719	1.040 ug/L	92
51) Chlorobenzene	9.12	112	2029	0.781 ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	8741	6.054 ug/L	93

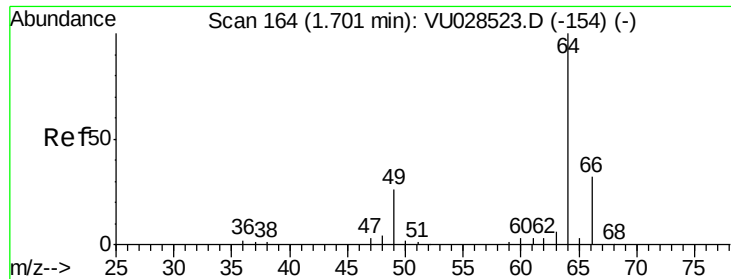
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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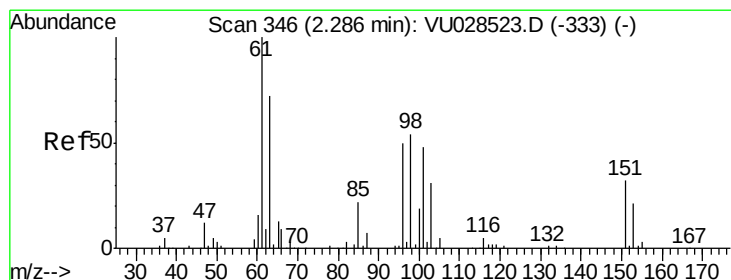
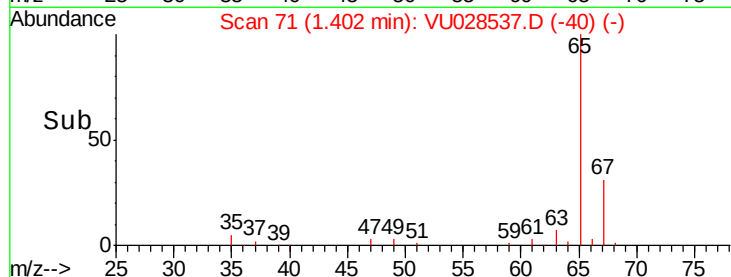
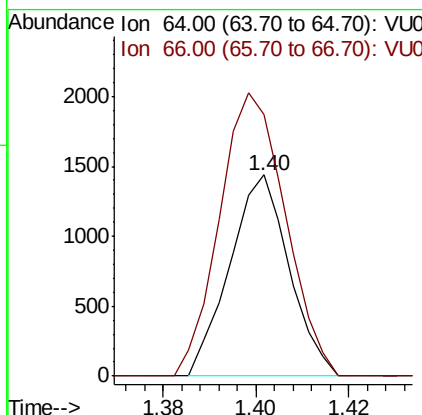
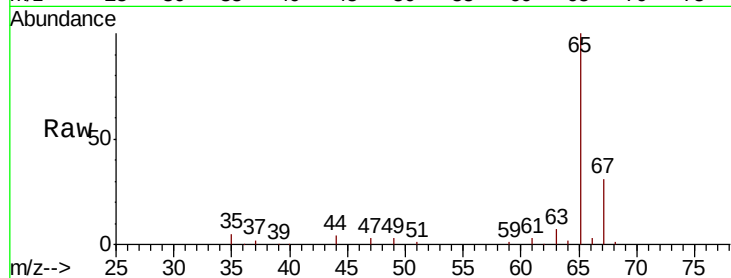




#8
 Chloroethane
 Concen: 1.599 ug/L
 RT: 1.40 min Scan# 71
 Delta R.T. -0.30 min
 Lab File: VU028537.D
 Acq: 07 Dec 2018 17:23

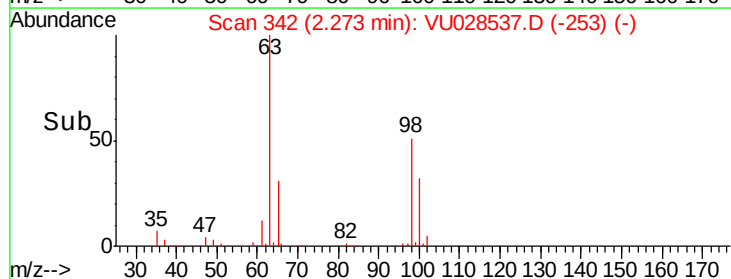
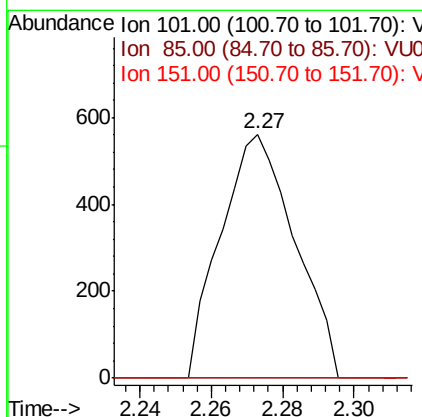
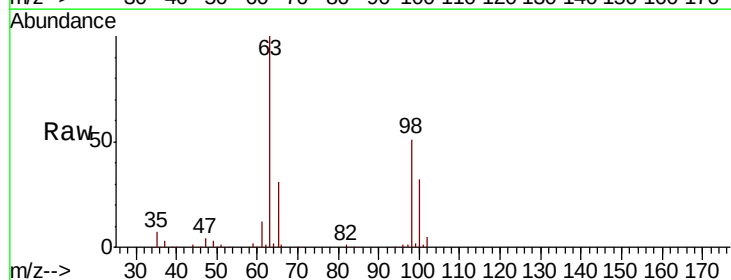
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F39RE

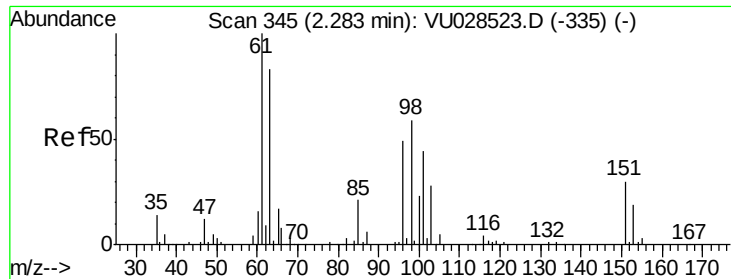
Tgt Ion: 64 Resp: 1278
 Ion Ratio Lower Upper
 64 100
 66 129.7 22.4 41.6#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.948 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028537.D
 Acq: 07 Dec 2018 17:23

Tgt Ion: 101 Resp: 808
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 55.8 83.8#

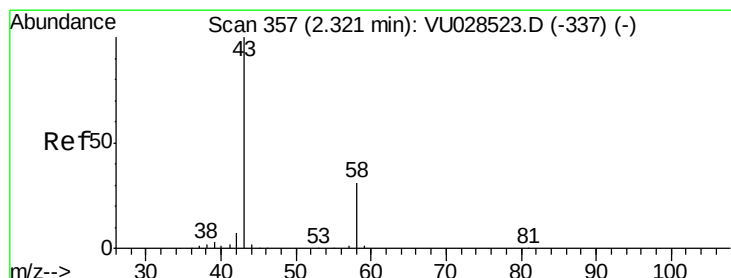
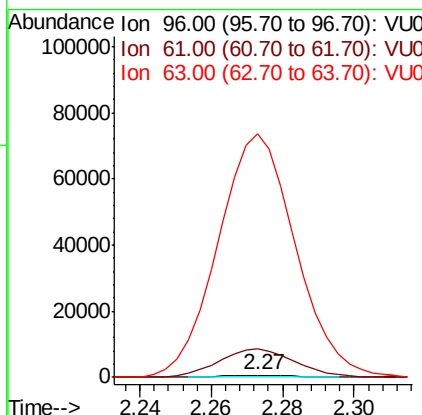
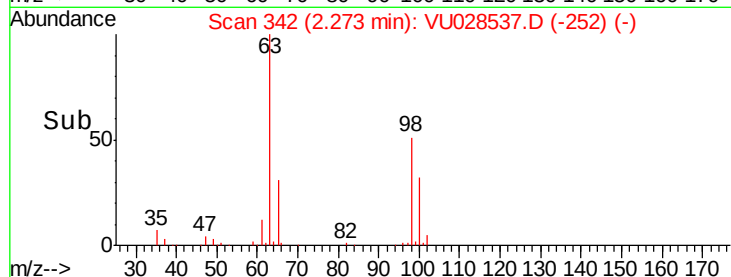
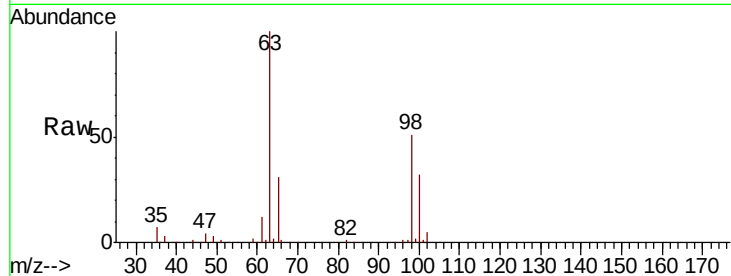




#12
 1,1-Dichloroethene
 Concen: 1.056 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU028537.D
 Acq: 07 Dec 2018 17:23

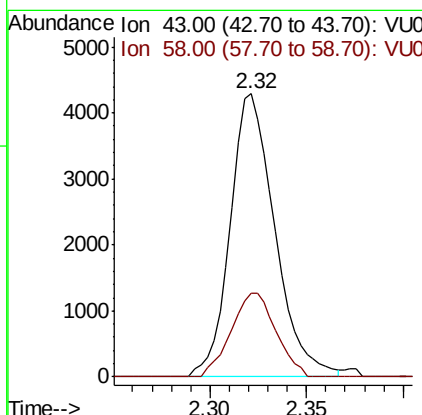
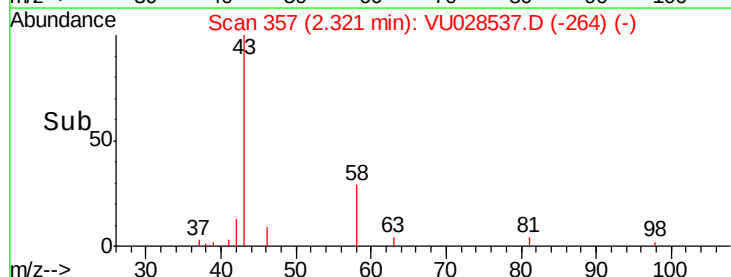
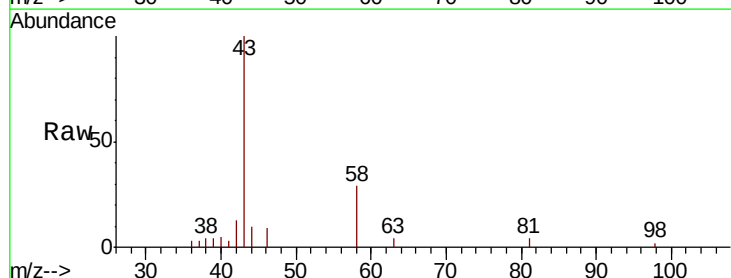
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F39RE

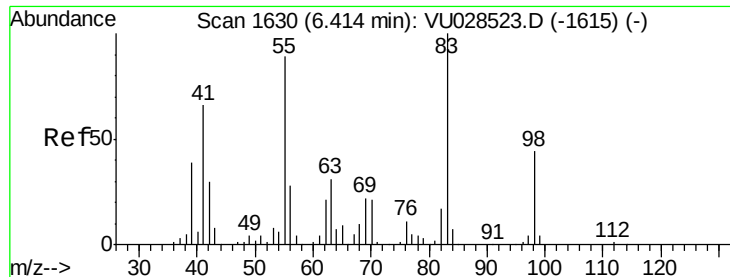
Tgt Ion: 96 Resp: 863
 Ion Ratio Lower Upper
 96 100
 61 1467.2 143.2 266.0#
 63 12725.4 130.1 241.7#



#13
 Acetone
 Concen: 6.922 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028537.D
 Acq: 07 Dec 2018 17:23

Tgt Ion: 43 Resp: 6884
 Ion Ratio Lower Upper
 43 100
 58 29.6 0.0 62.0

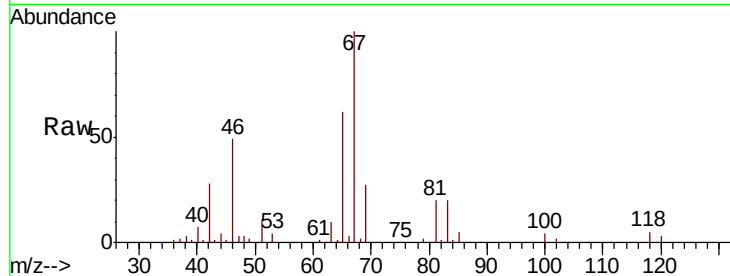




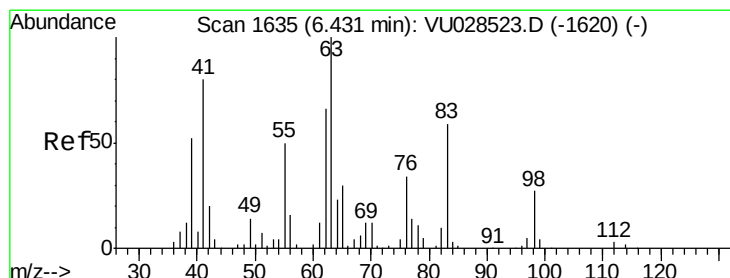
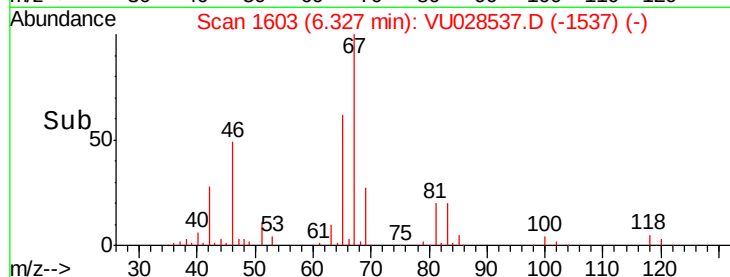
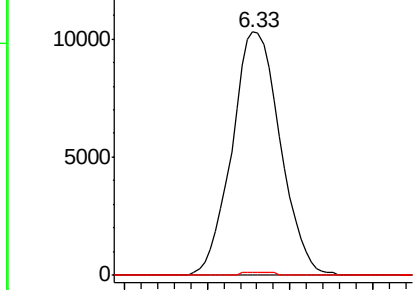
#35
Methylcyclohexane
Concen: 11.699 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Instrument :
MSVOA_U
ClientSampleId :
F9F39RE

Tgt Ion: 83 Resp: 20839
Ion Ratio Lower Upper
83 100
55 0.3 70.1 105.1#
98 0.7 34.4 51.6#

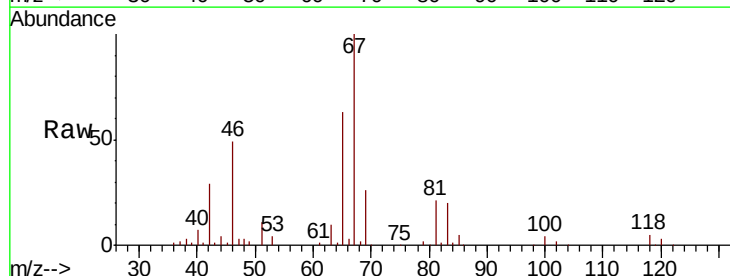


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

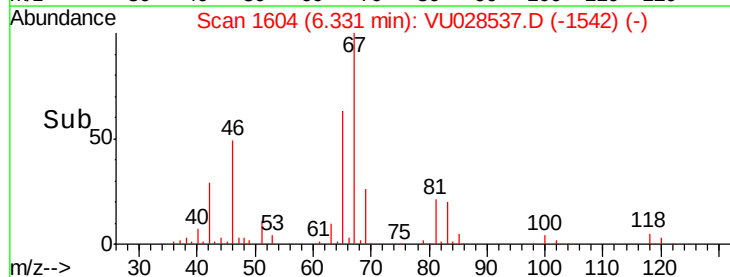
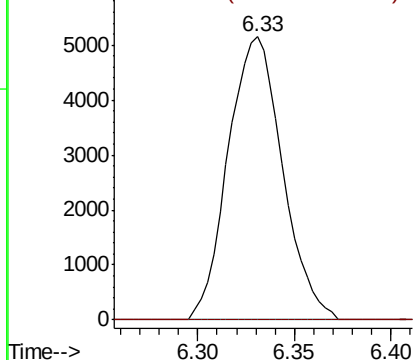


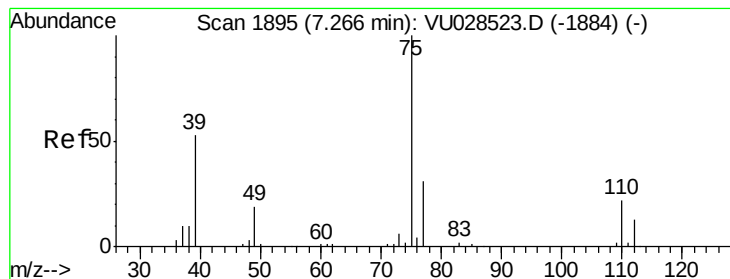
#37
1,2-Dichloropropane
Concen: 7.938 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Tgt Ion: 63 Resp: 10079
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#



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



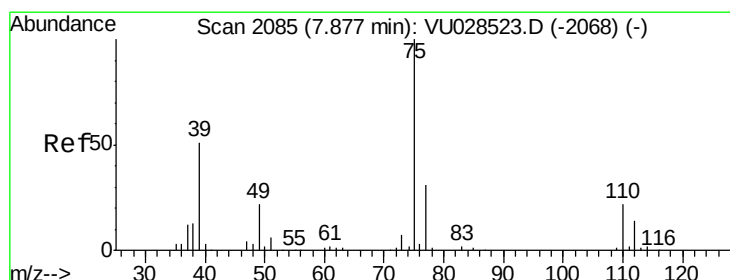
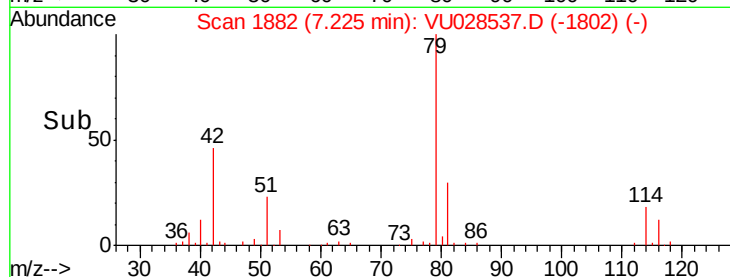
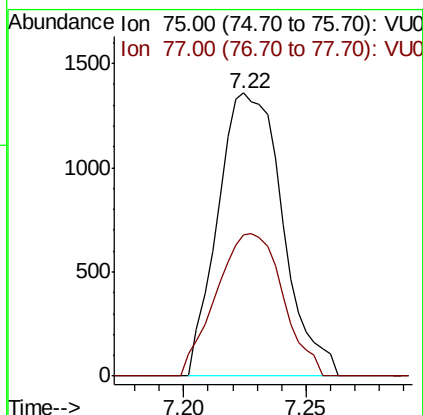
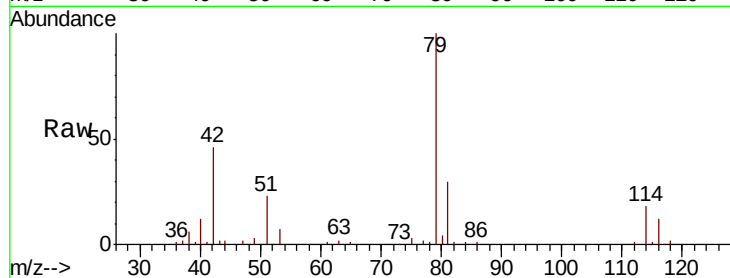


#39

cis-1,3-Dichloropropene
Concen: 1.384 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Instrument :
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ClientSampleId :
F9F39RE

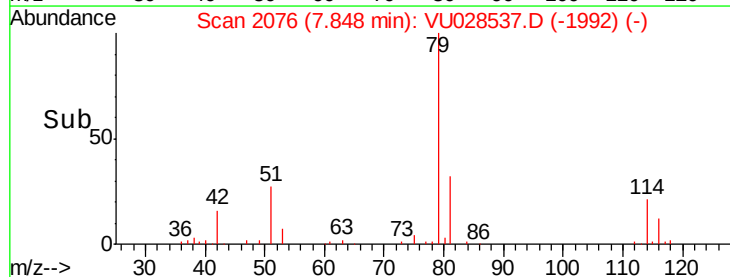
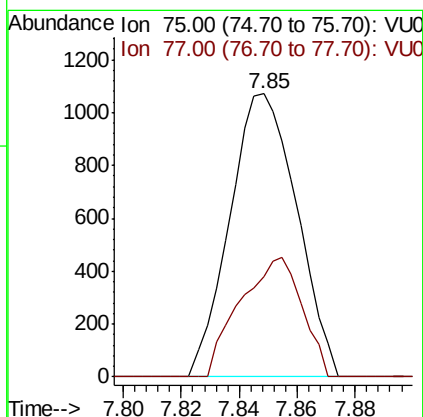
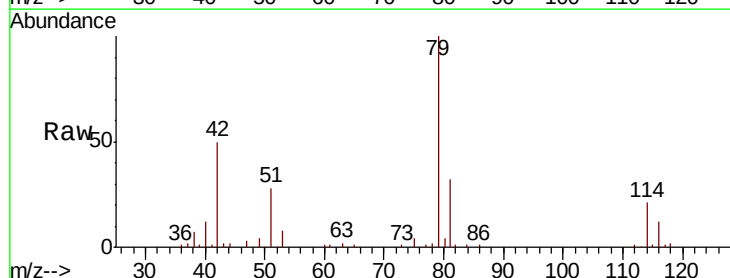
Tgt Ion: 75 Resp: 2498
Ion Ratio Lower Upper
75 100
77 49.9 21.8 40.6#

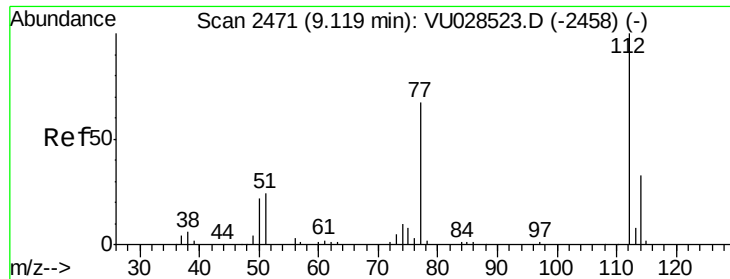


#44

trans-1,3-Dichloropropene
Concen: 1.040 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Tgt Ion: 75 Resp: 1719
Ion Ratio Lower Upper
75 100
77 35.4 21.8 40.6

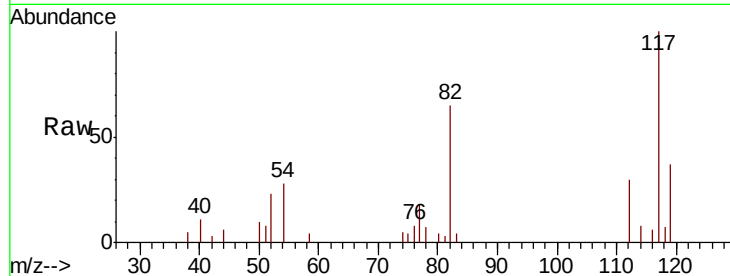




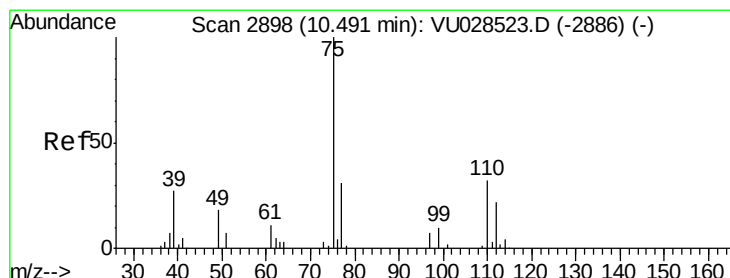
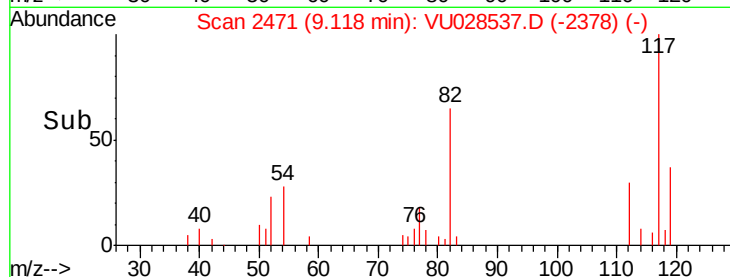
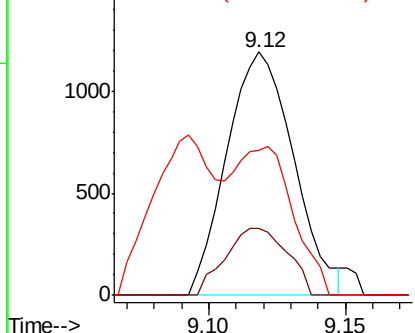
#51
Chlorobenzene
Concen: 0.781 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Instrument :
MSVOA_U
ClientSampleId :
F9F39RE

Tgt Ion: 112 Resp: 2029
Ion Ratio Lower Upper
112 100
114 27.7 23.0 42.6
77 59.7 53.9 80.9

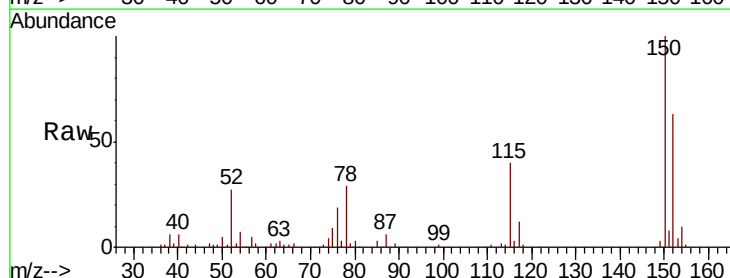


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VU0



#59
1,2,3-Trichloropropane
Concen: 6.054 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU028537.D
Acq: 07 Dec 2018 17:23

Tgt Ion: 75 Resp: 8741
Ion Ratio Lower Upper
75 100
77 35.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

