

Data File : VU036330.D
Acq On : 23 Dec 2019 16:48
Operator : JC/MD
Sample : K6282-12DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDW8DL

Quant Time: Dec 24 00:22:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 24 00:19:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	245482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	268131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	127254	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.93	69	110020	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.59	63	132037	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.68	46	203704	50.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	5.11	84	185279	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
26) 1,2-Dichloroethane-d4	5.75	65	97218	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.77	84	355570	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.73	67	112492	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.93	98	303032	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.21	79	42122	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
46) 2-Hexanone-d5	8.67	63	161263	48.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	94363	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	110497	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

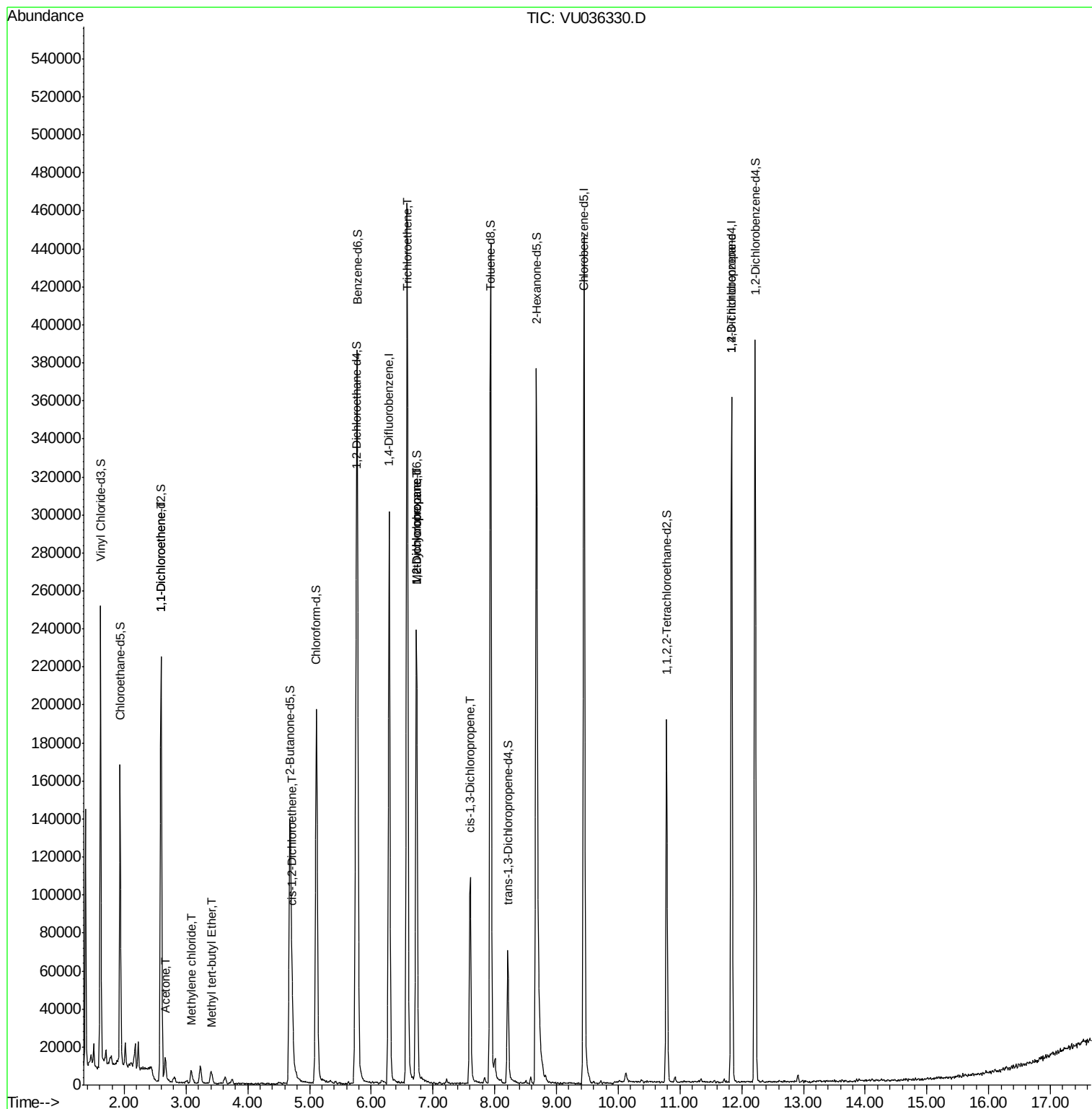
					Qvalue
12) 1,1-Dichloroethene	2.60	96	2495	0.137 ug/L #	1
13) Acetone	2.66	43	13431	3.805 ug/L	98
16) Methylene chloride	3.08	84	3511	0.131 ug/L	91
17) Methyl tert-butyl Ether	3.42	73	4638	0.119 ug/L #	86
22) cis-1,2-Dichloroethene	4.72	96	17317	0.846 ug/L	84
34) Trichloroethene	6.58	95	160532	7.556 ug/L	97
35) Methylcyclohexane	6.73	83	26434	0.875 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	12365	0.588 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3233	0.113 ug/L #	72
59) 1,2,3-Trichloropropane	11.83	75	11920	0.853 ug/L	98

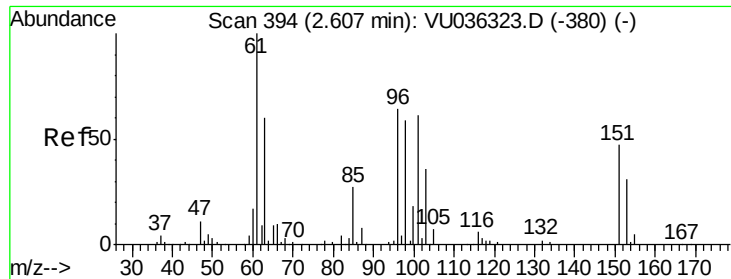
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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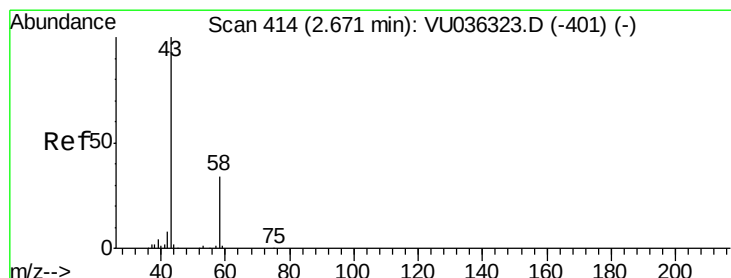
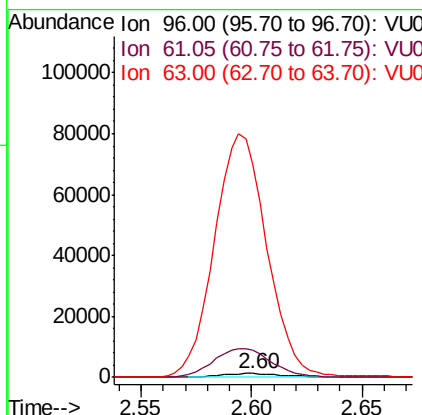
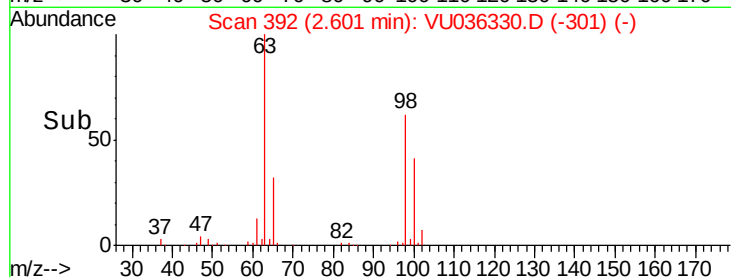
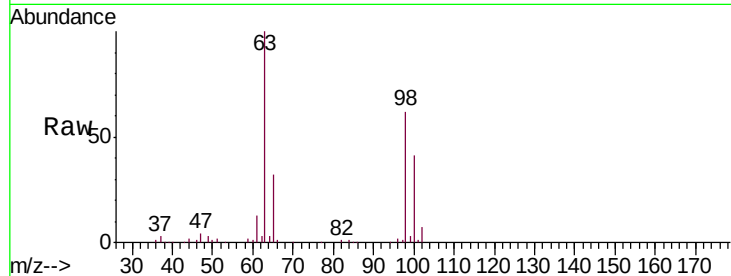




#12
 1,1-Dichloroethene
 Concen: 0.137 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.01 min
 Lab File: VU036330.D
 Acq: 23 Dec 2019 16:48

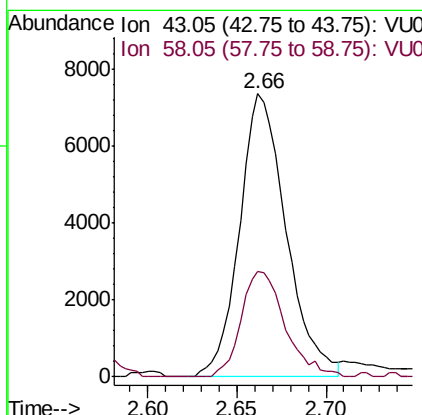
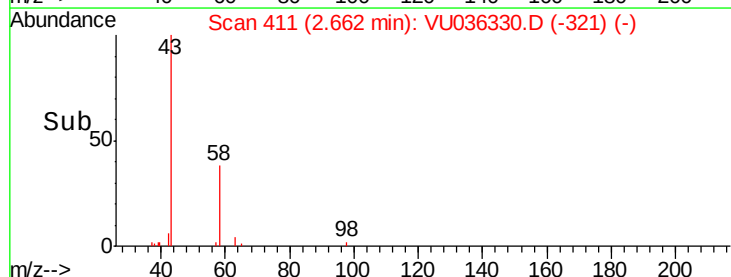
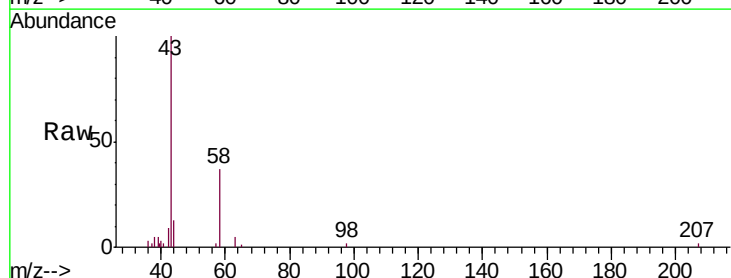
Instrument :
 MSVOA_U
 ClientSampleId :
 BFDW8DL

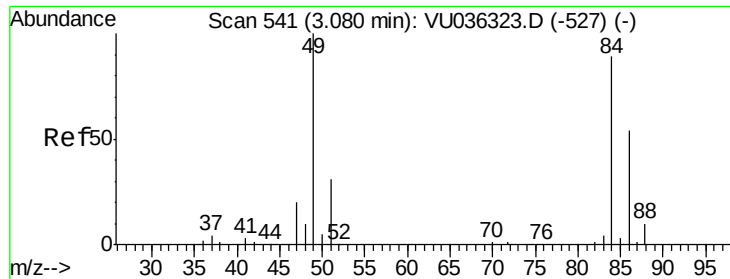
Tgt Ion: 96 Resp: 2495
 Ion Ratio Lower Upper
 96 100
 61 713.5 114.0 211.8#
 63 5689.5 63.6 118.0#



#13
 Acetone
 Concen: 3.805 ug/L
 RT: 2.66 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: VU036330.D
 Acq: 23 Dec 2019 16:48

Tgt Ion: 43 Resp: 13431
 Ion Ratio Lower Upper
 43 100
 58 34.9 0.0 67.6

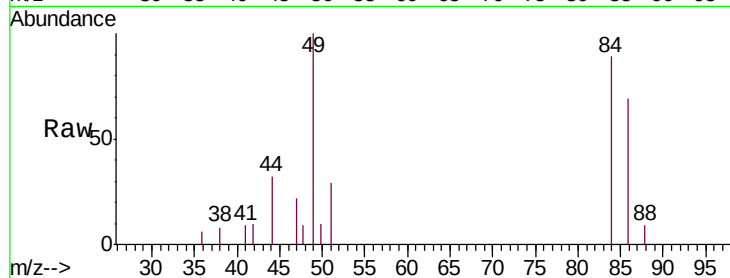




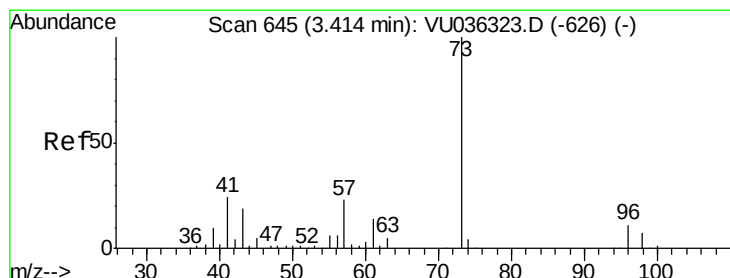
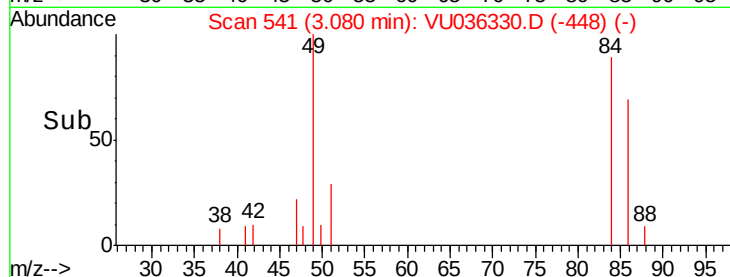
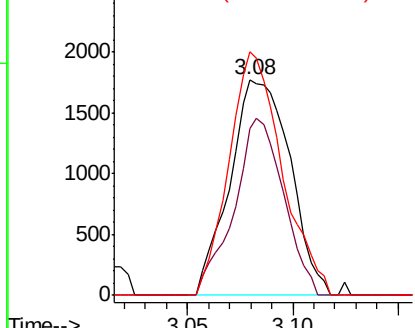
#16
Methylene chloride
Concen: 0.131 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

Instrument :
MSVOA_U
ClientSampled :
BFDW8DL

Tgt Ion: 84 Resp: 3511
Ion Ratio Lower Upper
84 100
86 77.4 43.0 79.8
49 113.0 77.3 143.5

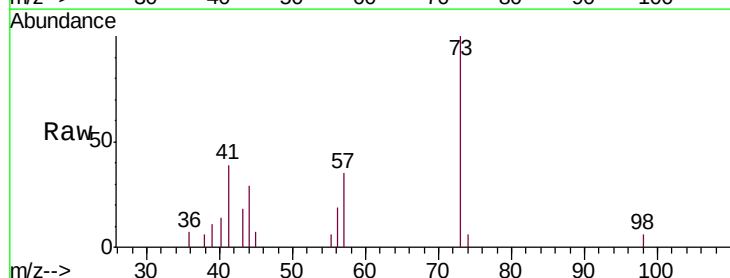


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

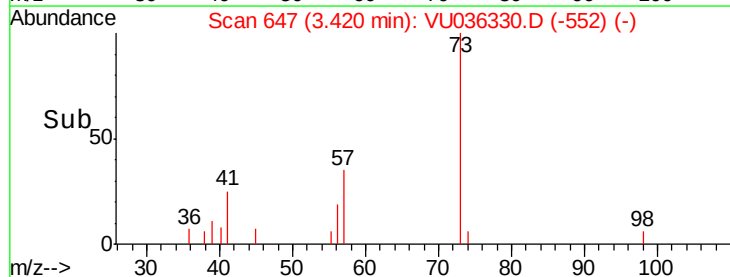
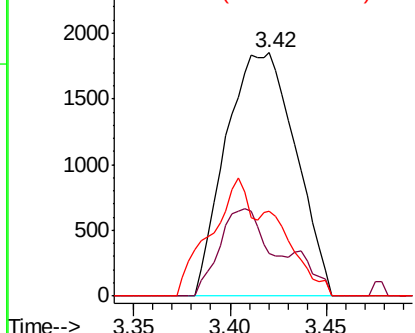


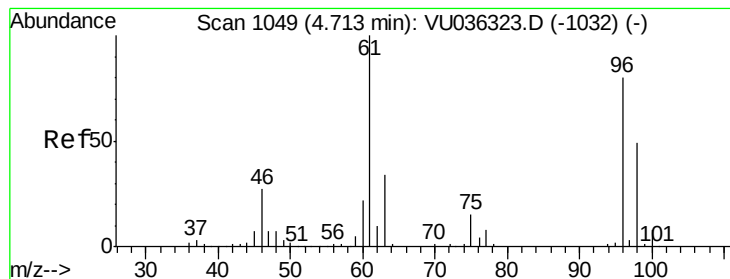
#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 3.42 min Scan# 647
Delta R.T. 0.01 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

Tgt Ion: 73 Resp: 4638
Ion Ratio Lower Upper
73 100
43 25.9 15.3 22.9#
57 29.1 18.2 27.2#



Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0





#22

cis-1,2-Dichloroethene

Concen: 0.846 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU036330.D

Acq: 23 Dec 2019 16:48

Instrument :

MSVOA_U

ClientSampleId :

BFDW8DL

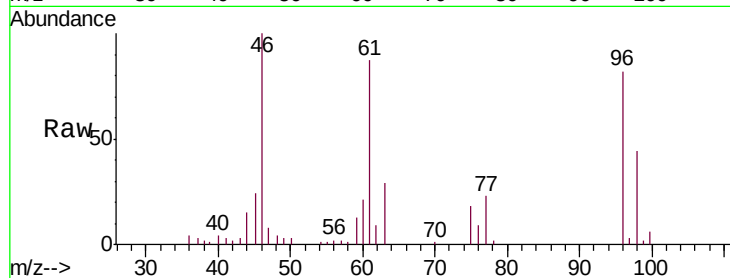
Tgt Ion: 96 Resp: 17317

Ion Ratio Lower Upper

96 100

61 105.5 86.7 161.1

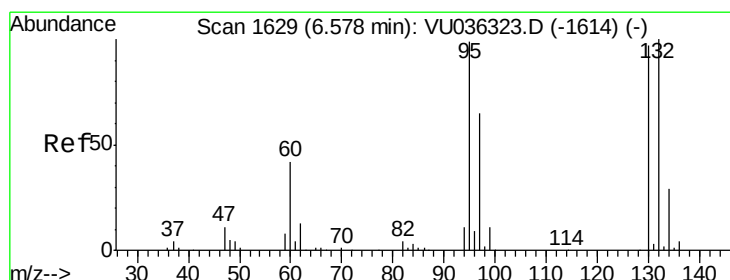
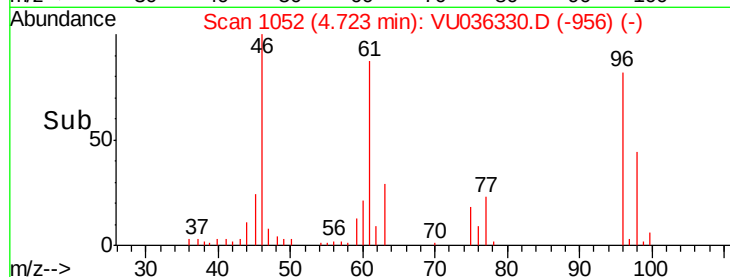
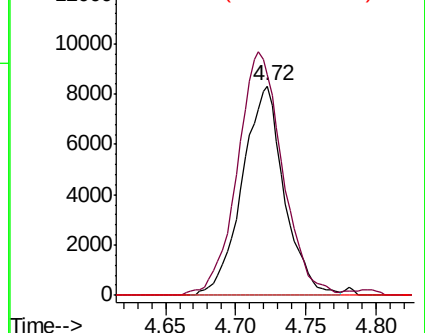
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU036330.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU036330.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU036330.D (-1032) (-)



#34

Trichloroethene

Concen: 7.556 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU036330.D

Acq: 23 Dec 2019 16:48

Tgt Ion: 95 Resp: 160532

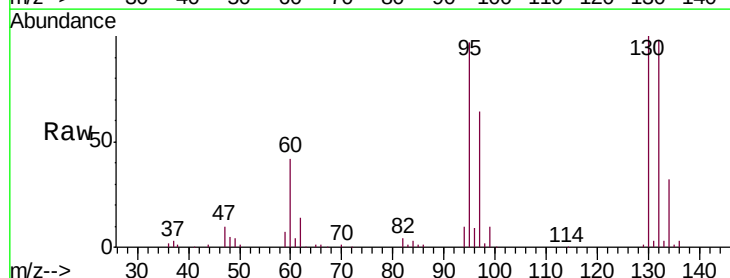
Ion Ratio Lower Upper

95 100

97 66.2 43.6 81.0

132 100.9 69.6 129.2

130 103.2 70.3 130.7

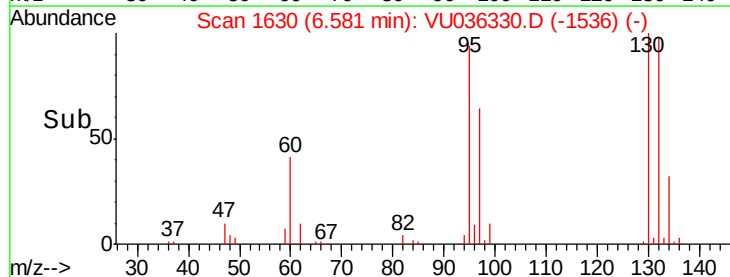
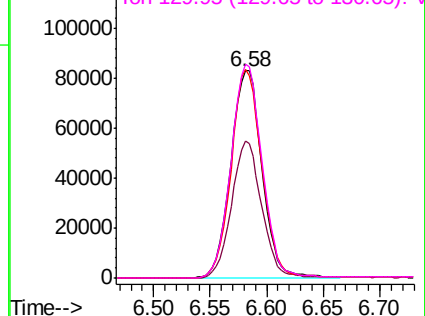


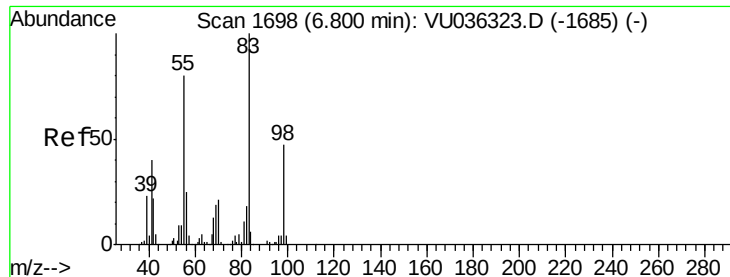
Abundance Ion 95.00 (94.70 to 95.70): VU036330.D (-1614) (-)

Ion 96.95 (96.65 to 97.65): VU036330.D (-1614) (-)

Ion 131.95 (131.65 to 132.65): VU036330.D (-1614) (-)

Ion 129.95 (129.65 to 130.65): VU036330.D (-1614) (-)

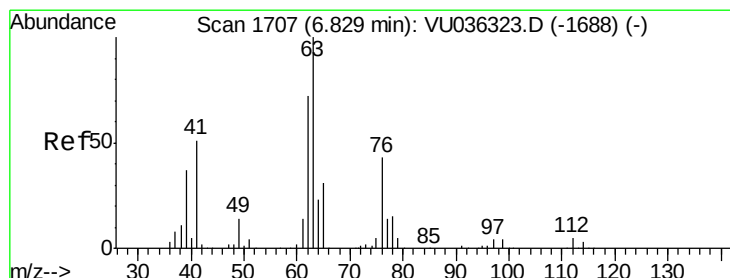
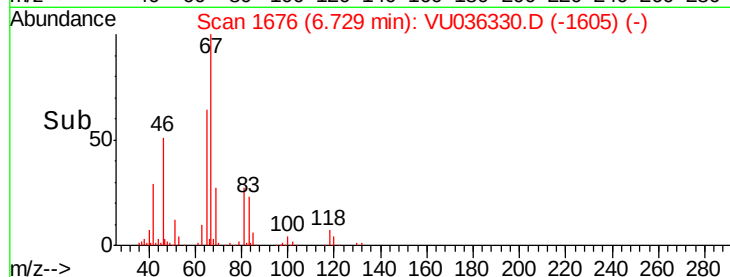
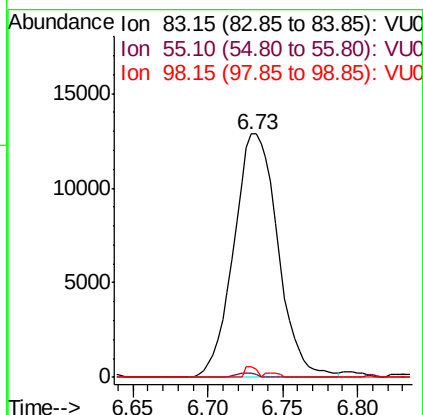
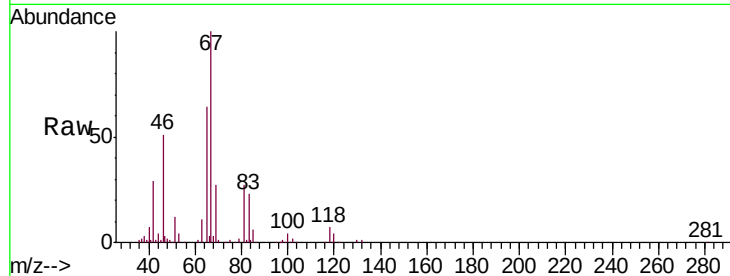




#35
Methylcyclohexane
Concen: 0.875 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

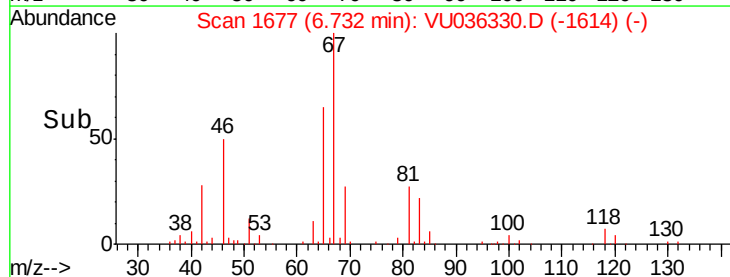
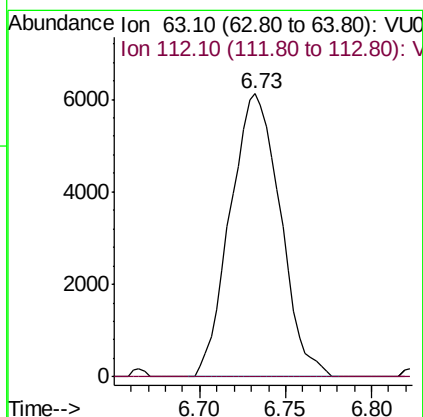
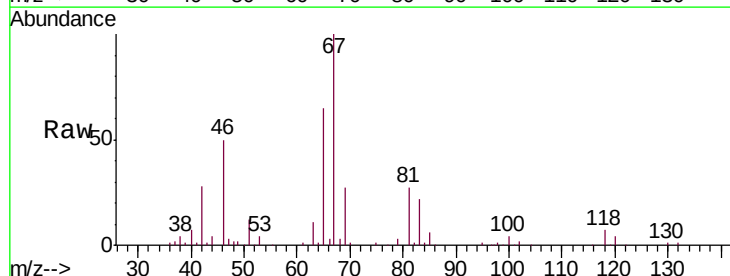
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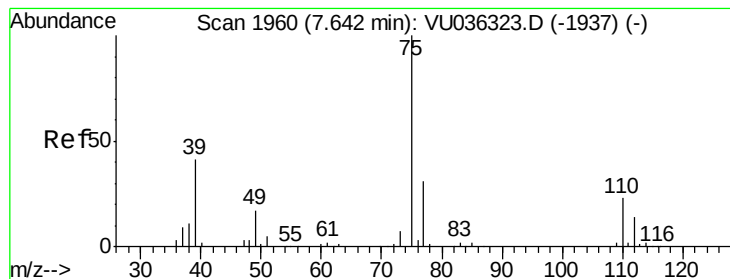
Tgt Ion: 83 Resp: 26434
Ion Ratio Lower Upper
83 100
55 0.7 62.6 94.0#
98 1.1 36.2 54.2#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

Tgt Ion: 63 Resp: 12365
Ion Ratio Lower Upper
63 100
112 0.2 3.8 5.8#



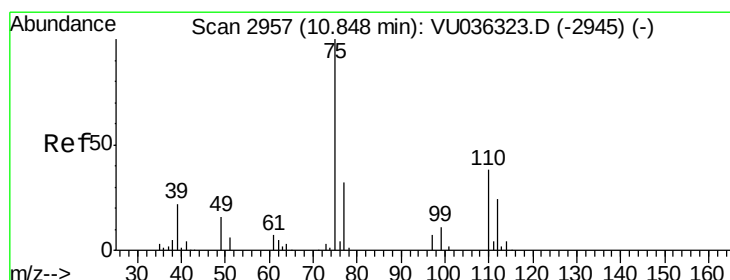
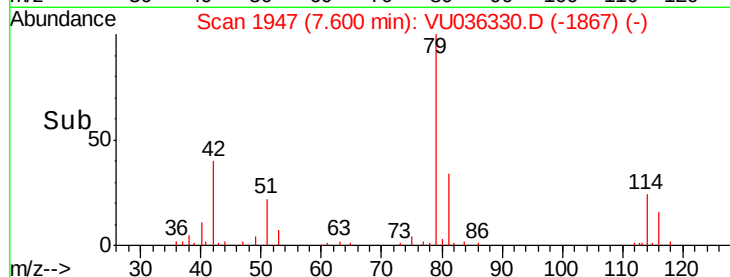
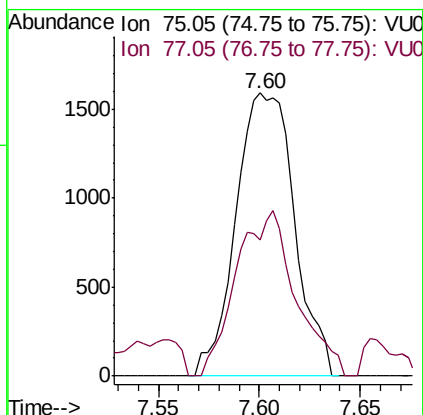
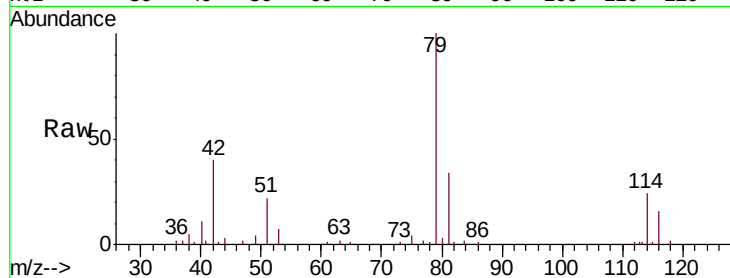


#39

cis-1,3-Dichloropropene
Concen: 0.113 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

Instrument :
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ClientSampleId :
BFDW8DL

Tgt Ion: 75 Resp: 3233
Ion Ratio Lower Upper
75 100
77 48.1 22.7 42.1#



#59

1,2,3-Trichloropropane
Concen: 0.853 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.98 min
Lab File: VU036330.D
Acq: 23 Dec 2019 16:48

Tgt Ion: 75 Resp: 11920
Ion Ratio Lower Upper
75 100
77 35.1 27.2 40.8

