

Data File : VU028778.D
Acq On : 18 Dec 2018 18:35
Operator : MD/SY
Sample : J6422-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0LD9

Quant Time: Dec 19 00:43:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 00:38:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	179229	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	164783	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73309	43.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.60%
7) Chloroethane-d5	1.67	69	58288	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.92%
11) 1,1-Dichloroethene-d2	2.27	63	93982	31.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.68%
21) 2-Butanone-d5	4.17	46	113488	84.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.43%
24) Chloroform-d	4.65	84	113880	42.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.98%
26) 1,2-Dichloroethane-d4	5.31	65	74192	42.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.96%
32) Benzene-d6	5.34	84	254729	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
36) 1,2-Dichloropropane-d6	6.33	67	88835	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.56	98	222586	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%
43) trans-1,3-Dichloropropene-	7.85	79	38335	45.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.60%
47) 2-Hexanone-d5	8.31	63	90227	100.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117291	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	76786	55.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.72%

Target Compounds

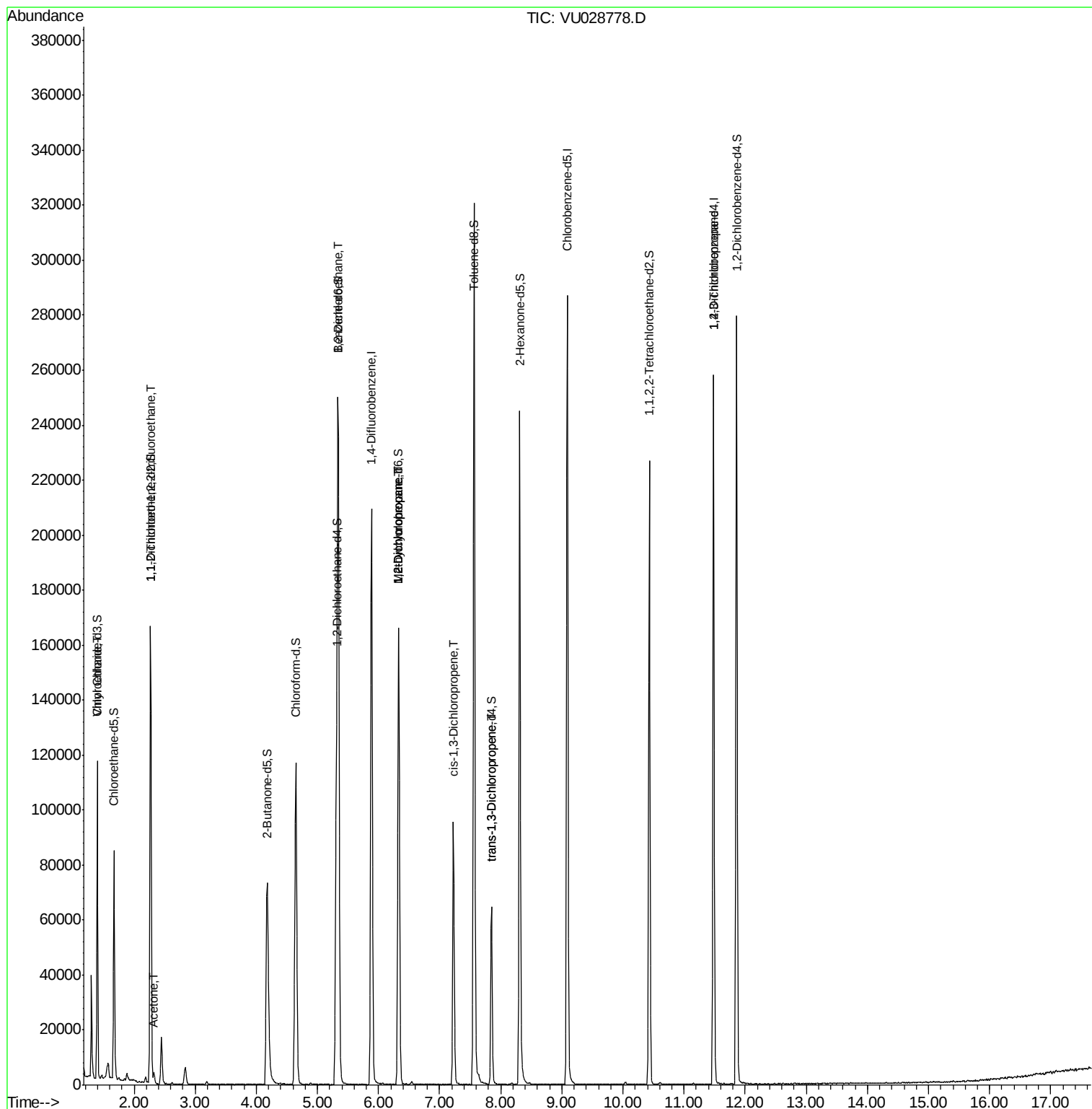
					Qvalue	
8) Chloroethane	1.40	64	1020	0.896	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	846	0.679	ug/L #	21
13) Acetone	2.32	43	3179	2.115	ug/L	93
27) 1,2-Dichloroethane	5.34	62	1208	0.547	ug/L #	76
35) Methylcyclohexane	6.33	83	18266	7.589	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	7994	4.550	ug/L #	91
39) cis-1,3-Dichloropropene	7.22	75	1740	0.698	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1280	0.556	ug/L	91
59) 1,2,3-Trichloropropane	11.48	75	8260	4.160	ug/L	94

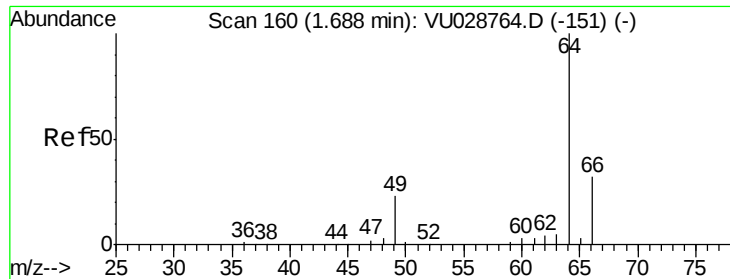
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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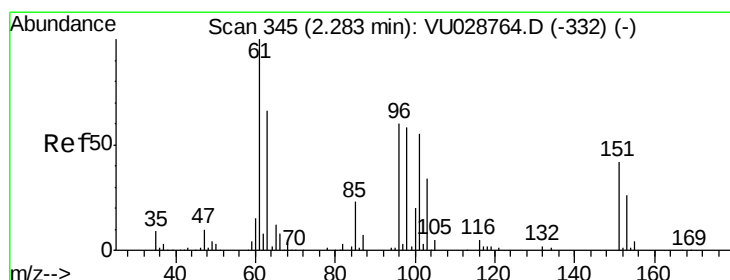
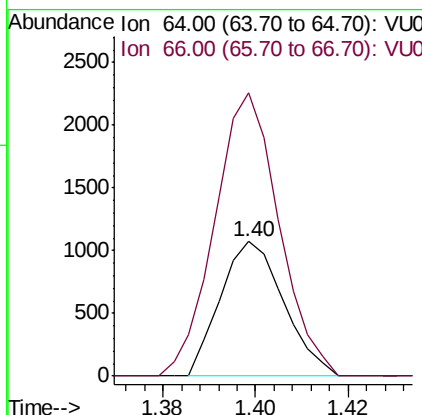
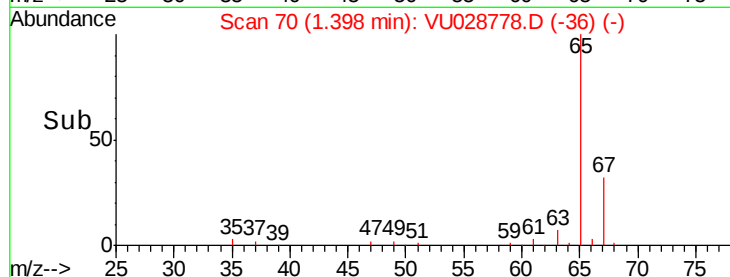
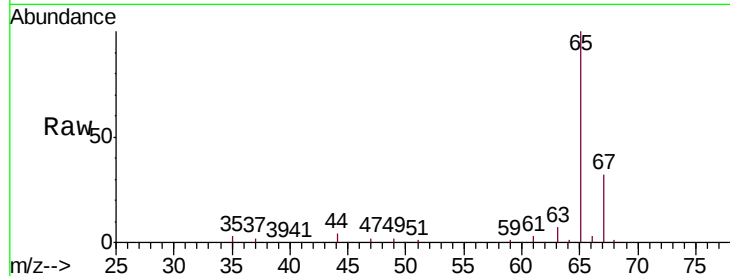




#8
Chloroethane
Concen: 0.896 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

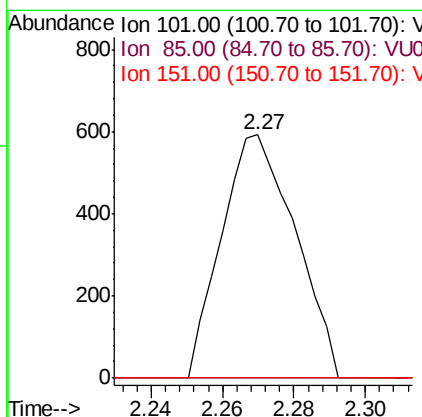
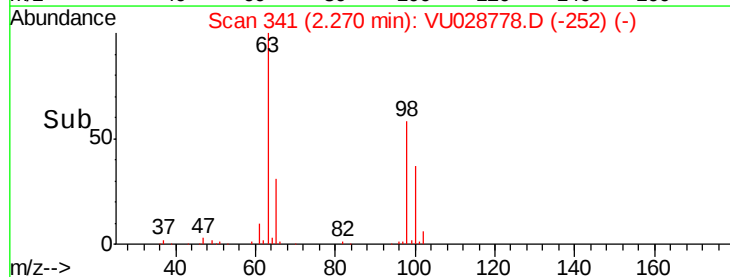
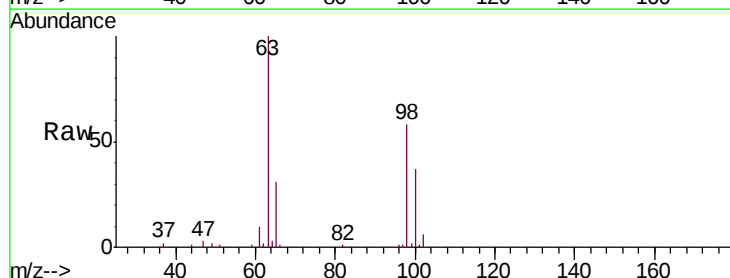
Instrument :
MSVOA_U
ClientSampled :
COLD9

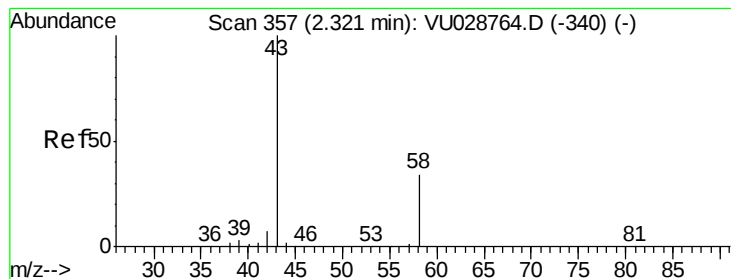
Tgt Ion: 64 Resp: 1020
Ion Ratio Lower Upper
64 100
66 210.1 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.679 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

Tgt Ion: 101 Resp: 846
Ion Ratio Lower Upper
101 100
85 0.0 36.8 55.2#
151 0.0 55.8 83.8#





#13

Acetone

Concen: 2.115 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028778.D

Acq: 18 Dec 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

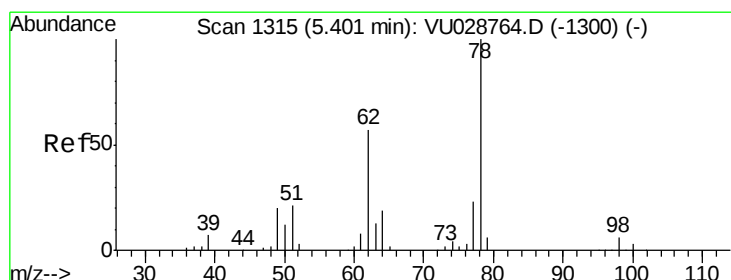
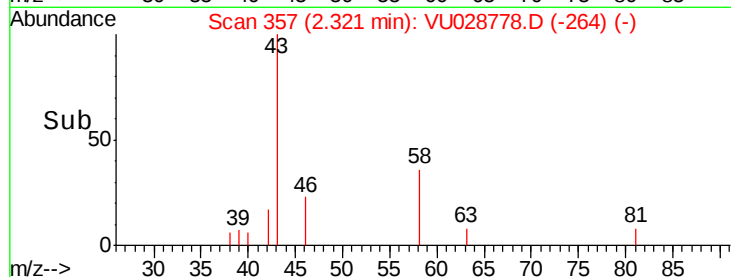
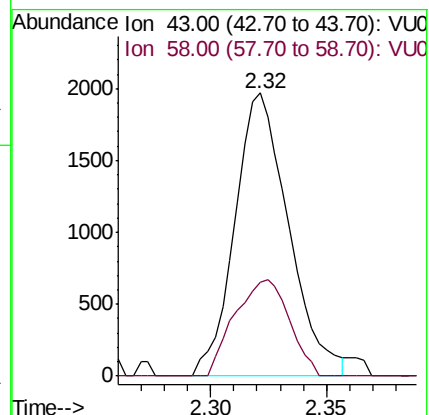
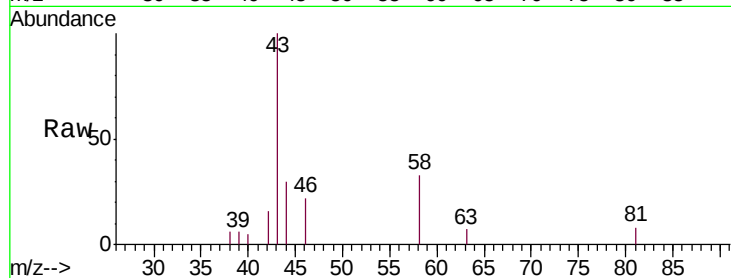
COLD9

Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

43 100

58 34.6 0.0 62.0



#27

1,2-Dichloroethane

Concen: 0.547 ug/L

RT: 5.34 min Scan# 1296

Delta R.T. -0.06 min

Lab File: VU028778.D

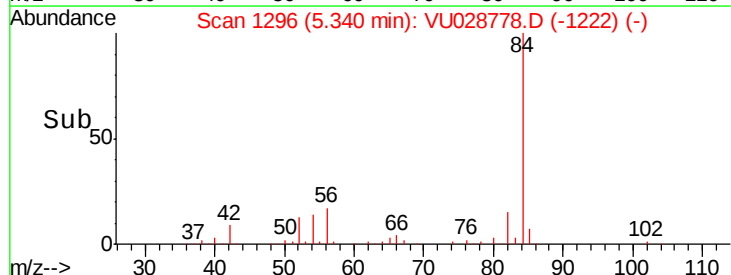
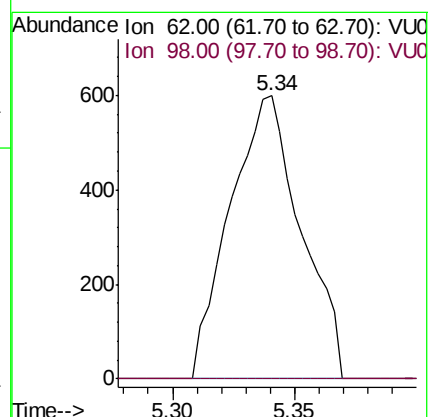
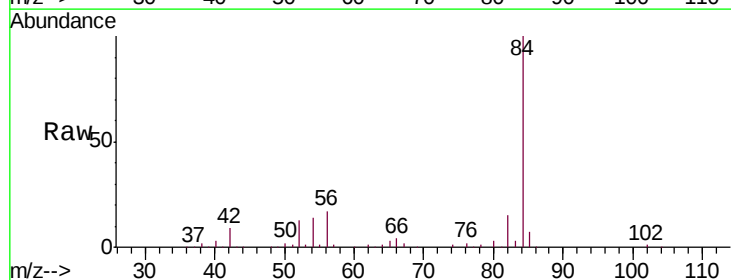
Acq: 18 Dec 2018 18:35

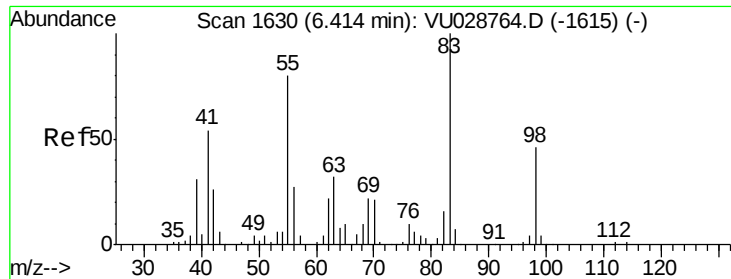
Tgt Ion: 62 Resp: 1208

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

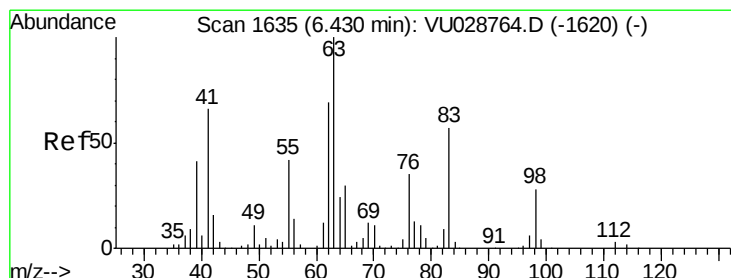
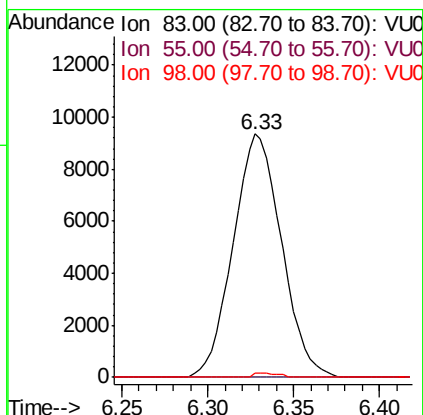
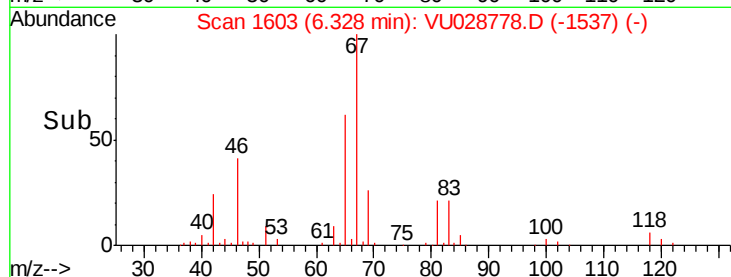
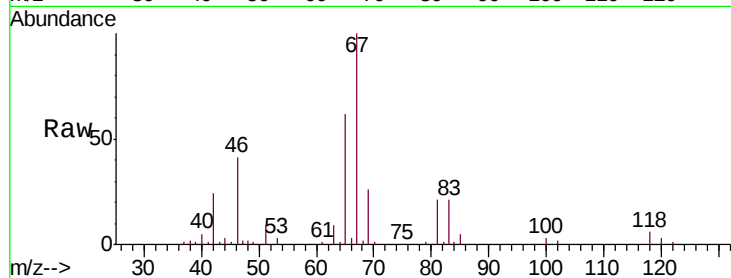




#35
Methylcyclohexane
Concen: 7.589 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.09 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

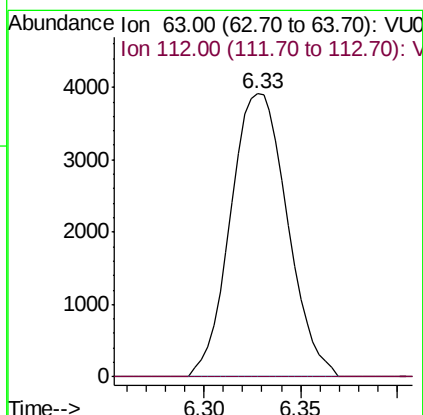
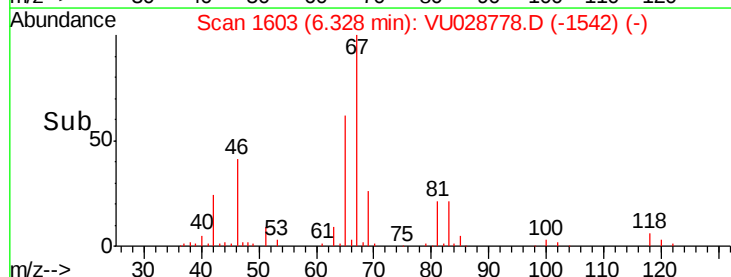
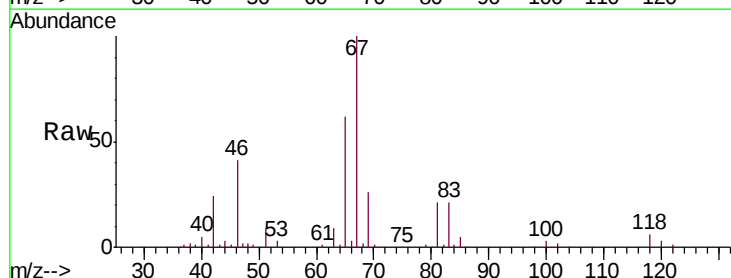
Instrument :
MSVOA_U
ClientSampleId :
COLD9

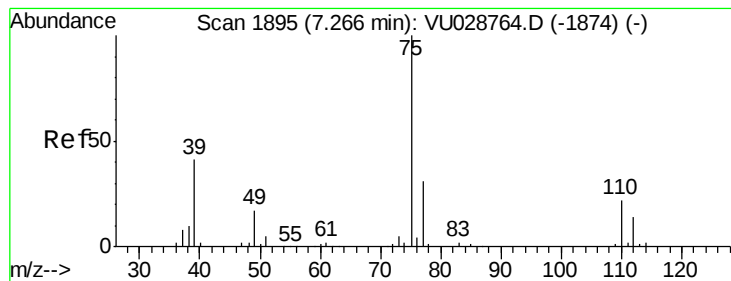
Tgt Ion: 83 Resp: 18266
Ion Ratio Lower Upper
83 100
55 0.0 70.1 105.1#
98 0.7 34.4 51.6#



#37
1,2-Dichloropropane
Concen: 4.550 ug/L
RT: 6.33 min Scan# 1603
Delta R.T. -0.10 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

Tgt Ion: 63 Resp: 7994
Ion Ratio Lower Upper
63 100
112 0.0 2.4 3.6#



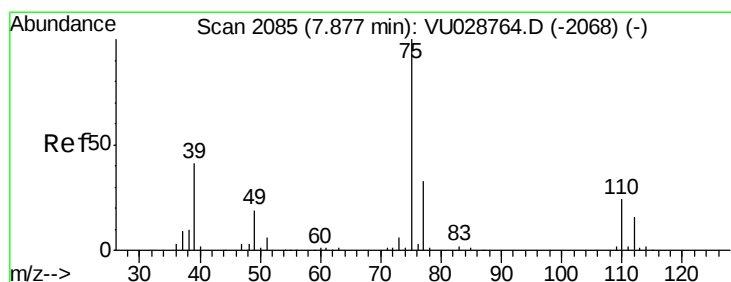
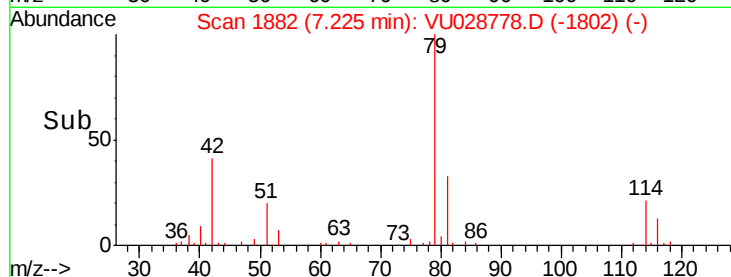
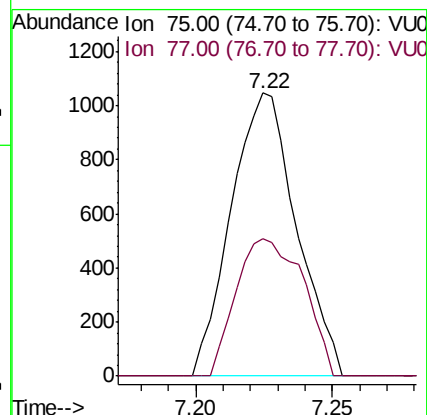
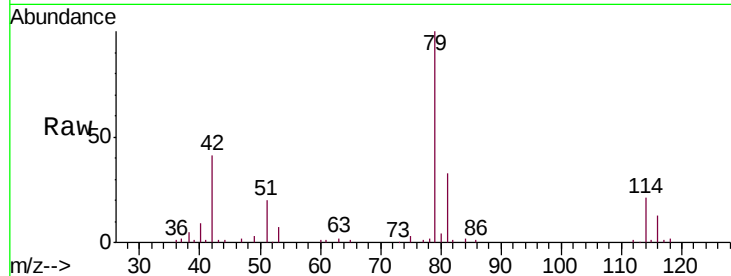


#39

cis-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 7.22 min Scan# 1882
Delta R.T. -0.04 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

Instrument :
MSVOA_U
ClientSampleId :
COLD9

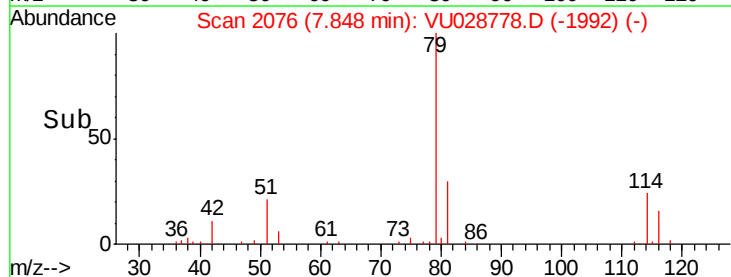
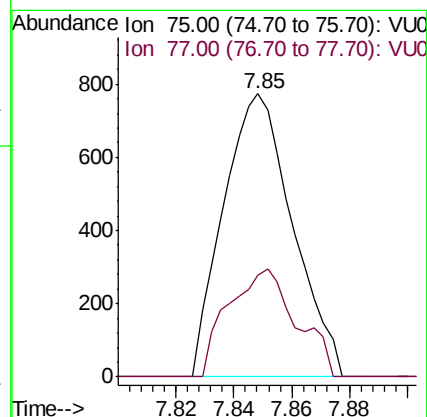
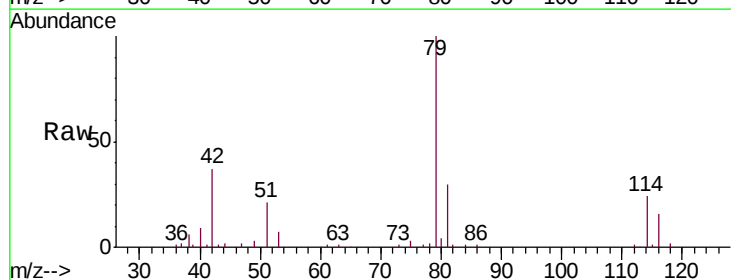
Tgt Ion: 75 Resp: 1740
Ion Ratio Lower Upper
75 100
77 48.7 21.8 40.6#

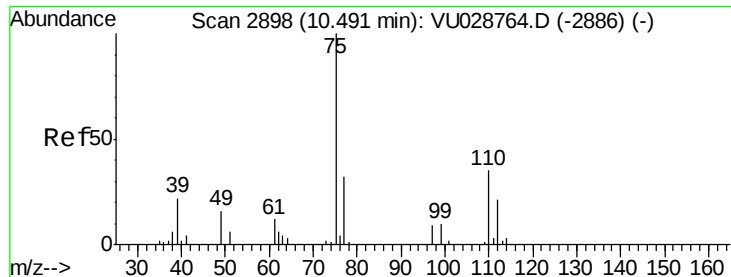


#44

trans-1,3-Dichloropropene
Concen: 0.556 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028778.D
Acq: 18 Dec 2018 18:35

Tgt Ion: 75 Resp: 1280
Ion Ratio Lower Upper
75 100
77 36.0 21.8 40.6





#59

1,2,3-Trichloropropane

Concen: 4.160 ug/L

RT: 11.48 min Scan# 3205

Delta R.T. 0.99 min

Lab File: VU028778.D

Acq: 18 Dec 2018 18:35

Instrument :

MSVOA_U

ClientSampleId :

COLD9

Tgt Ion: 75 Resp: 8260

Ion Ratio Lower Upper

75 100

77 35.0 25.4 38.2

