

Data File : VU028852.D
Acq On : 21 Dec 2018 02:20
Operator : MD/SY
Sample : J6513-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F66

Quant Time: Dec 21 06:03:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 05:57:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228611	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209703	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89310	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73531	40.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.24%
7) Chloroethane-d5	1.67	69	60189	42.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.04%
11) 1,1-Dichloroethene-d2	2.27	63	96408	31.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.56%
21) 2-Butanone-d5	4.18	46	131532	102.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.43%
24) Chloroform-d	4.65	84	128173	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.31	65	81441	45.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.68%
32) Benzene-d6	5.34	84	278258	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.33	67	97141	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.54%
41) Toluene-d8	7.57	98	245563	45.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.48%
43) trans-1,3-Dichloropropene-	7.85	79	41571	46.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.20%
47) 2-Hexanone-d5	8.31	63	103722	108.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	137542	49.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	89468	49.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.06%

Target Compounds

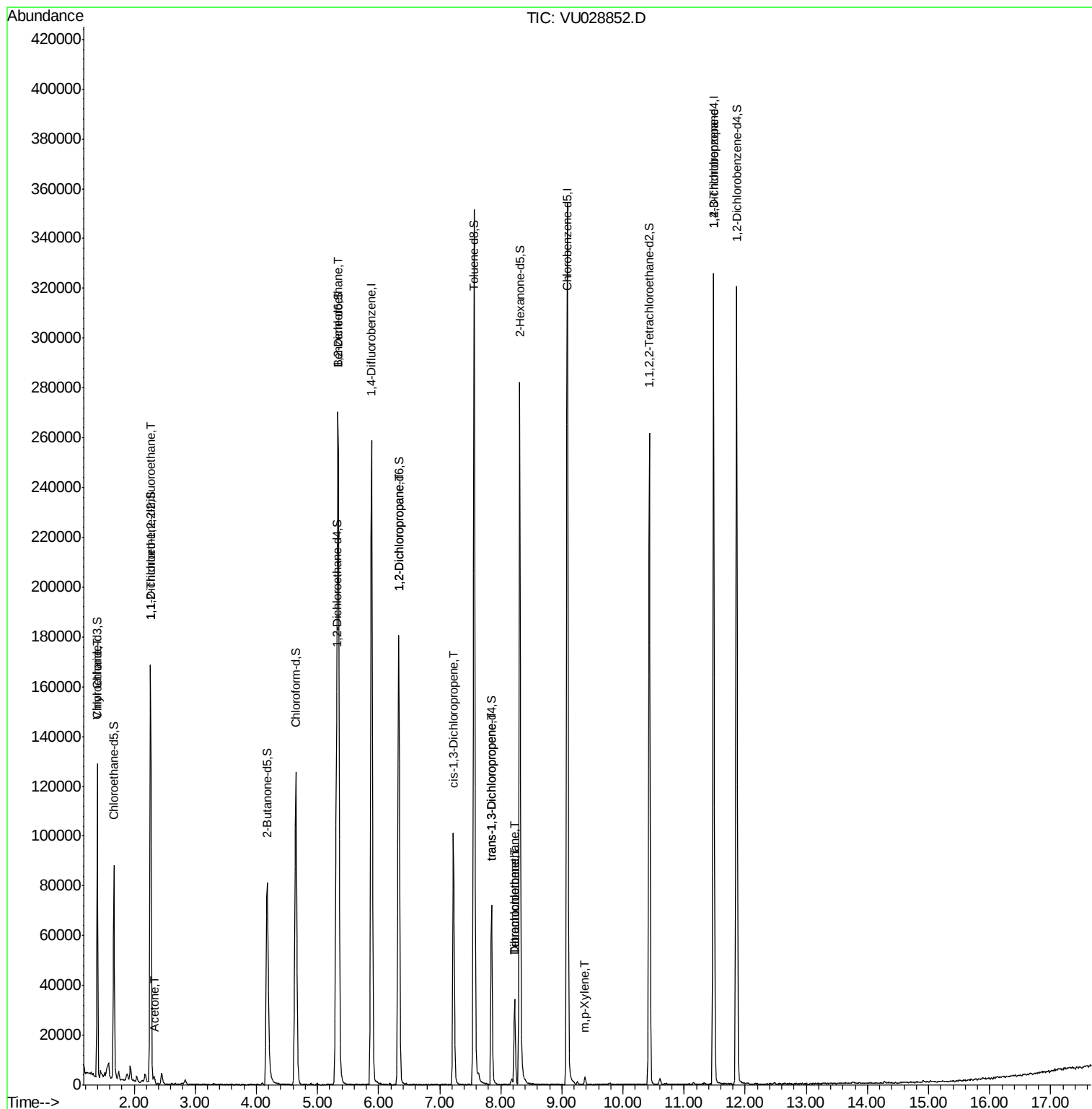
					Qvalue	
8) Chloroethane	1.40	64	985	0.771	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	847	0.572	ug/L #	20
13) Acetone	2.32	43	1963	1.500	ug/L	92
27) 1,2-Dichloroethane	5.34	62	1138	0.521	ug/L #	74
37) 1,2-Dichloropropane	6.33	63	9129	4.892	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2104	0.791	ug/L #	56
44) trans-1,3-Dichloropropene	7.85	75	1445	0.609	ug/L	85
46) Tetrachloroethene	8.23	164	8049	6.484	ug/L	93
49) Dibromochloromethane	8.22	129	7862	4.947	ug/L #	11
53) m,p-Xylene	9.38	106	1054	0.392	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	10520	4.724	ug/L	98

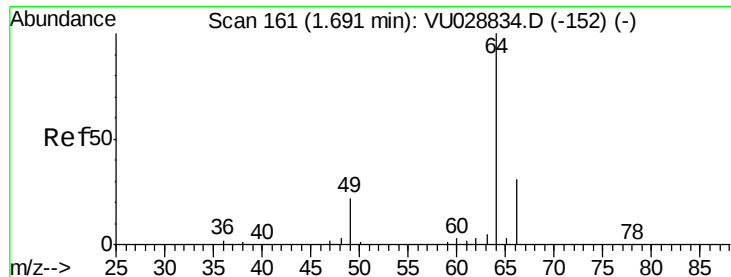
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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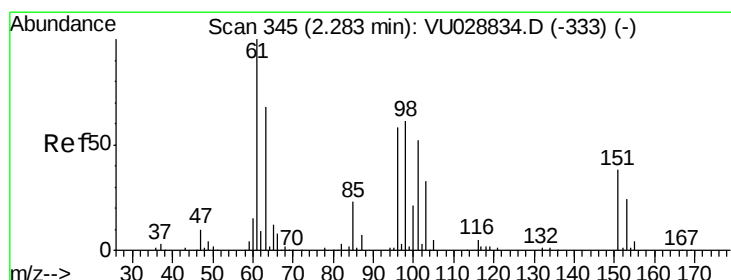
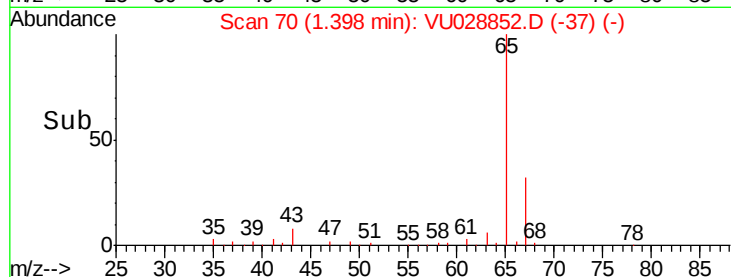
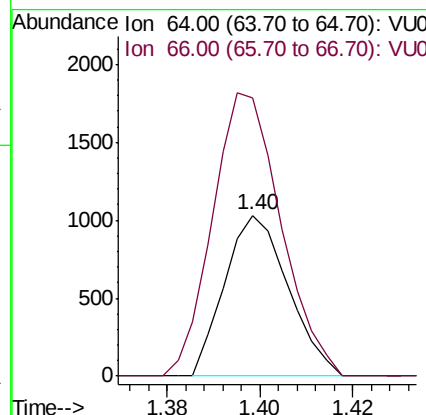
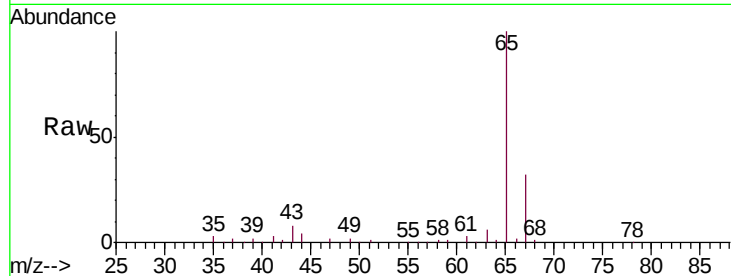




#8
 Chloroethane
 Concen: 0.771 ug/L
 RT: 1.40 min Scan# 70
 Delta R.T. -0.29 min
 Lab File: VU028852.D
 Acq: 21 Dec 2018 02:20

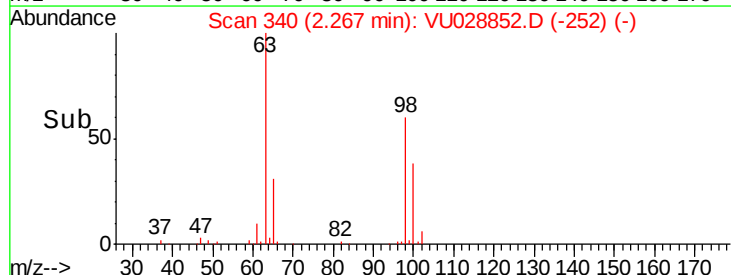
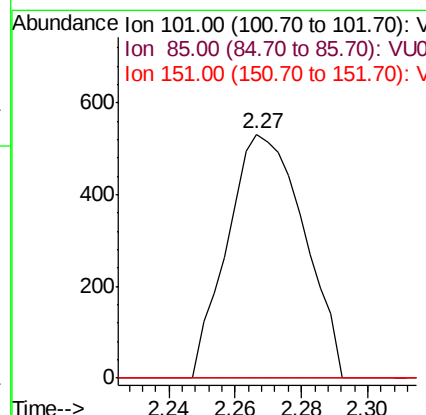
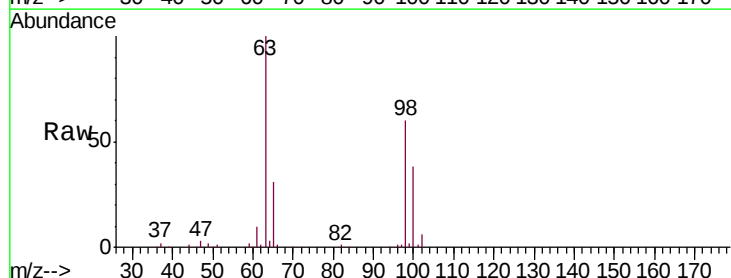
Instrument :
 MSVOA_U
 ClientSampleId :
 F9F66

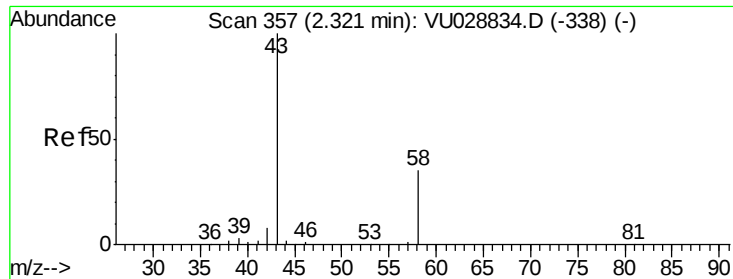
Tgt Ion: 64 Resp: 985
 Ion Ratio Lower Upper
 64 100
 66 172.6 21.5 39.9#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.572 ug/L
 RT: 2.27 min Scan# 340
 Delta R.T. -0.02 min
 Lab File: VU028852.D
 Acq: 21 Dec 2018 02:20

Tgt Ion: 101 Resp: 847
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 59.4 89.0#

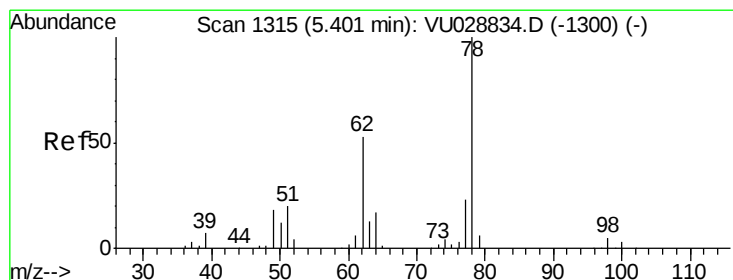
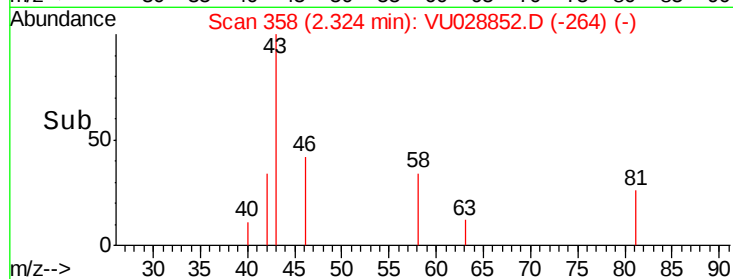
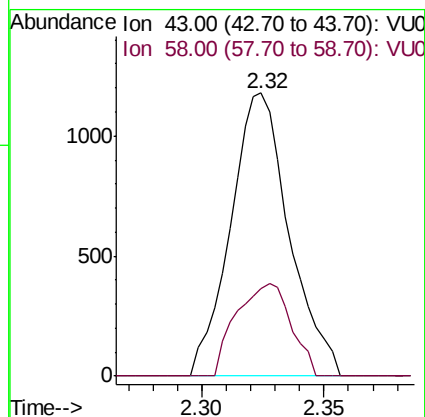
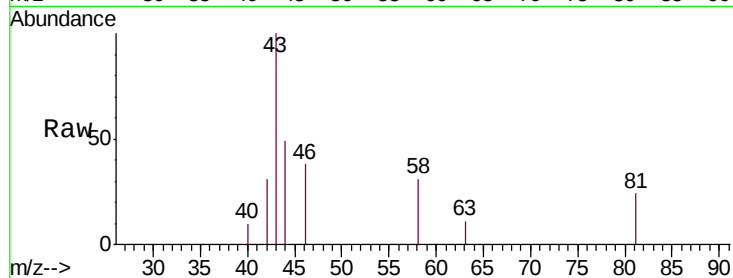




#13
Acetone
Concen: 1.500 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028852.D
Acq: 21 Dec 2018 02:20

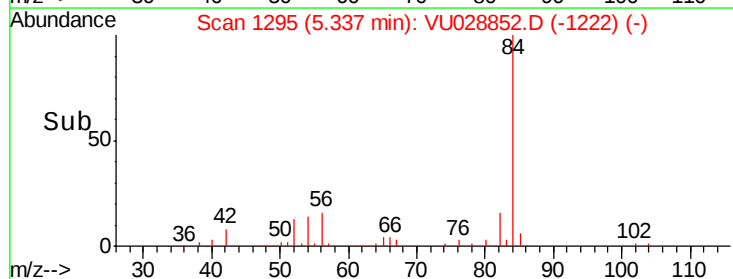
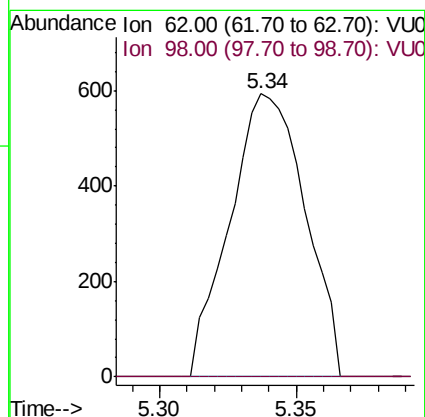
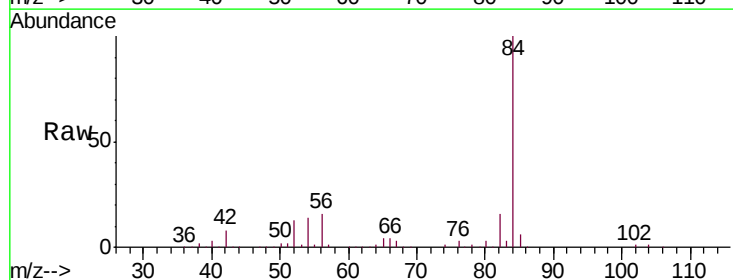
Instrument :
MSVOA_U
ClientSampleId :
F9F66

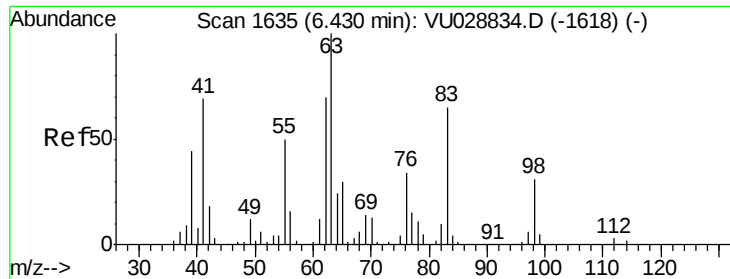
Tgt Ion: 43 Resp: 1963
Ion Ratio Lower Upper
43 100
58 30.6 0.0 70.2



#27
1,2-Dichloroethane
Concen: 0.521 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.06 min
Lab File: VU028852.D
Acq: 21 Dec 2018 02:20

Tgt Ion: 62 Resp: 1138
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#

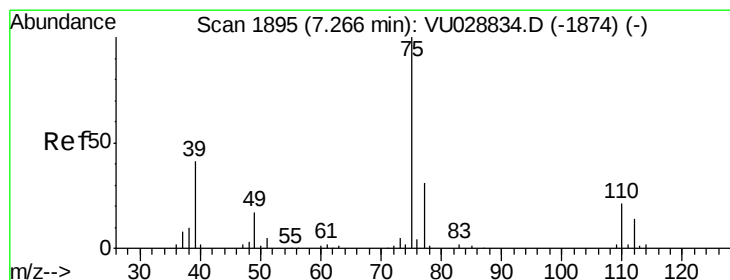
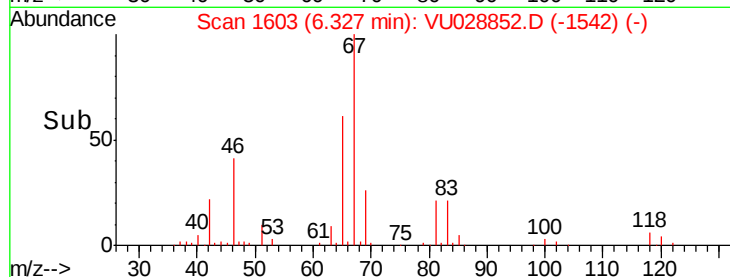
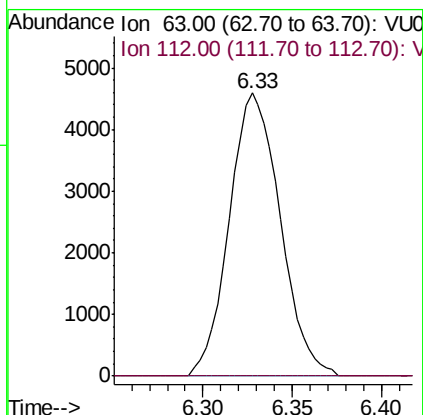
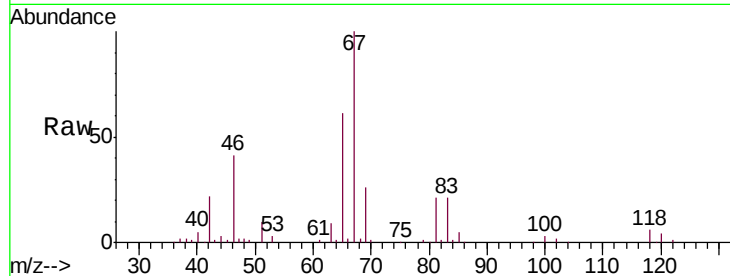




#37
 1,2-Dichloropropane
 Concen: 4.892 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.10 min
 Lab File: VU028852.D
 Acq: 21 Dec 2018 02:20

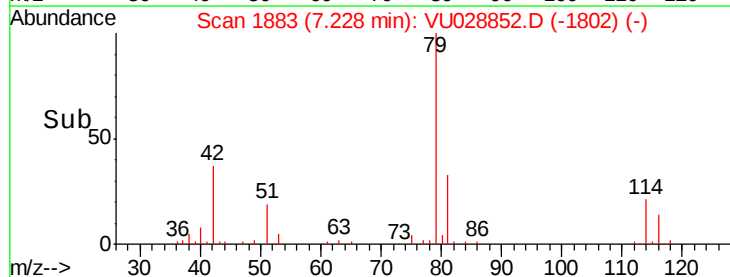
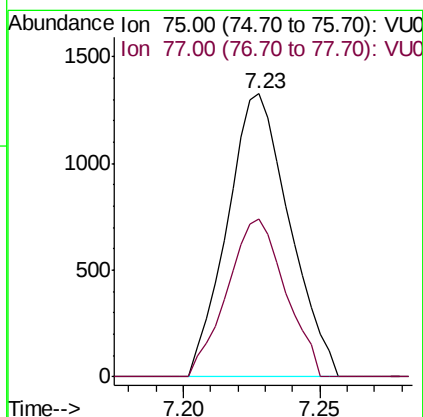
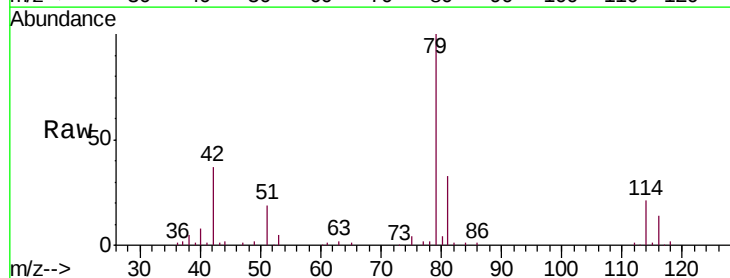
Instrument :
 MSVOA_U
 ClientSampleID :
 F9F66

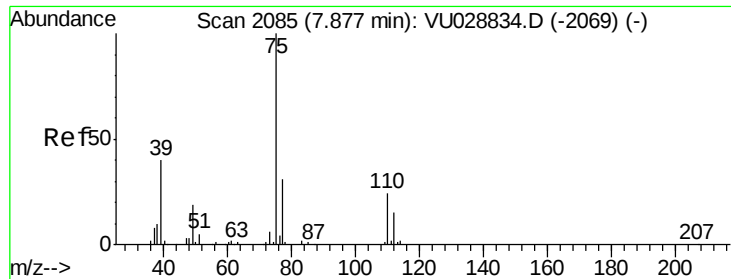
Tgt Ion: 63 Resp: 9129
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.7 4.1#



#39
 cis-1,3-Dichloropropene
 Concen: 0.791 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028852.D
 Acq: 21 Dec 2018 02:20

Tgt Ion: 75 Resp: 2104
 Ion Ratio Lower Upper
 75 100
 77 55.6 21.8 40.6#

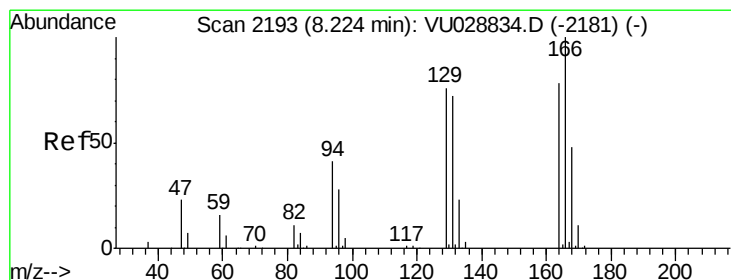
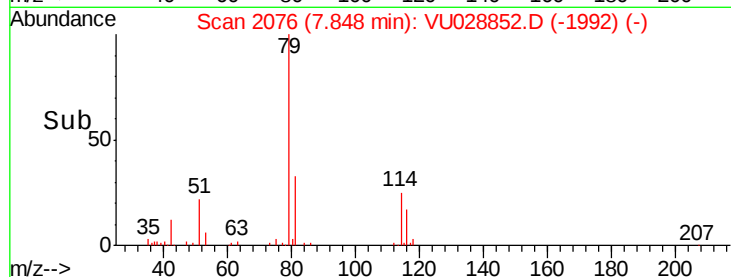
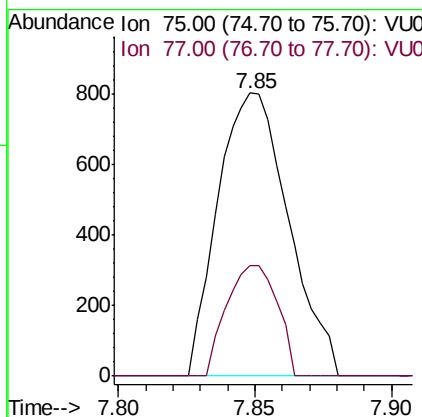
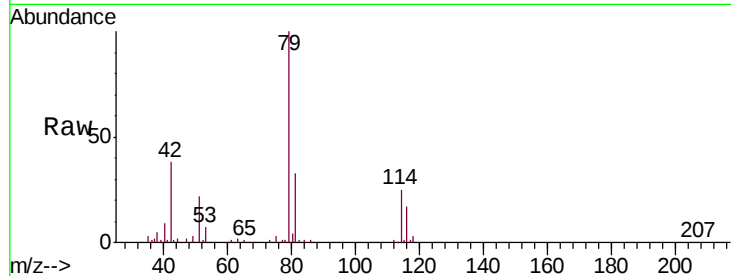




#44
trans-1,3-Dichloropropene
Concen: 0.609 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU028852.D
Acq: 21 Dec 2018 02:20

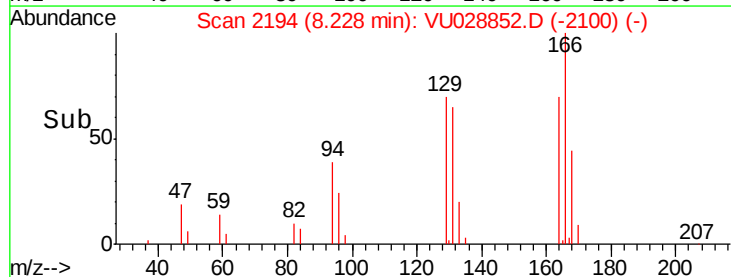
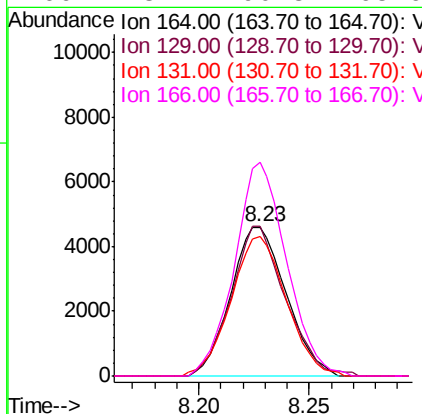
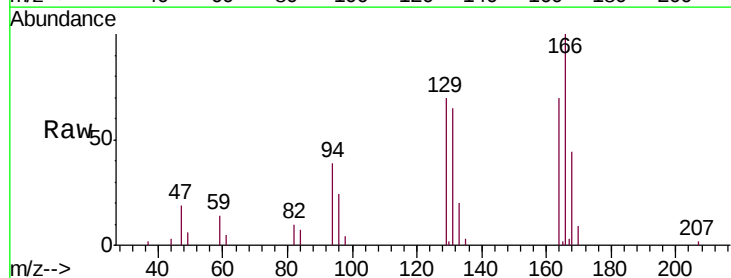
Instrument :
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ClientSampleId :
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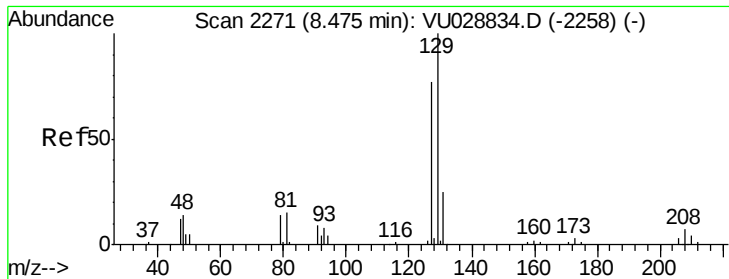
Tgt Ion: 75 Resp: 1445
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.6



#46
Tetrachloroethene
Concen: 6.484 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028852.D
Acq: 21 Dec 2018 02:20

Tgt Ion: 164 Resp: 8049
Ion Ratio Lower Upper
164 100
129 101.0 66.8 124.0
131 94.1 64.2 119.2
166 143.7 90.8 168.6





#49

Dibromochloromethane

Concen: 4.947 ug/L

RT: 8.22 min Scan# 2193

Delta R.T. -0.25 min

Lab File: VU028852.D

Acq: 21 Dec 2018 02:20

Instrument :

MSVOA_U

ClientSampleId :

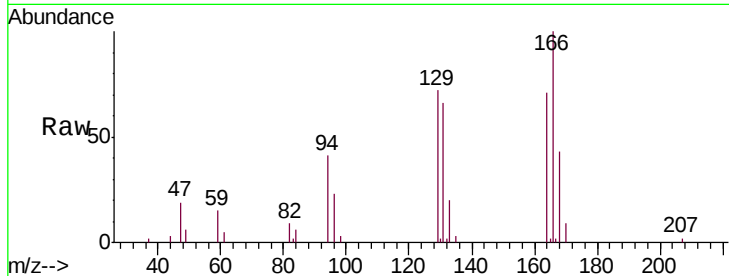
F9F66

Tgt Ion:129 Resp: 7862

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.22

5000

4000

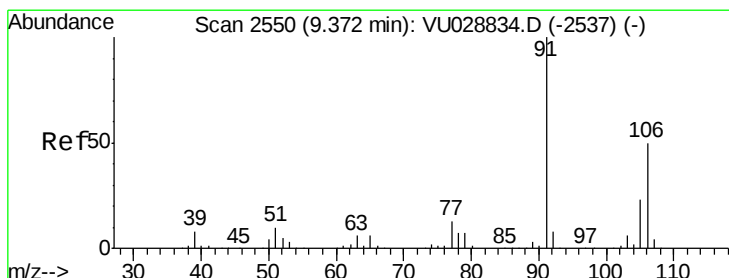
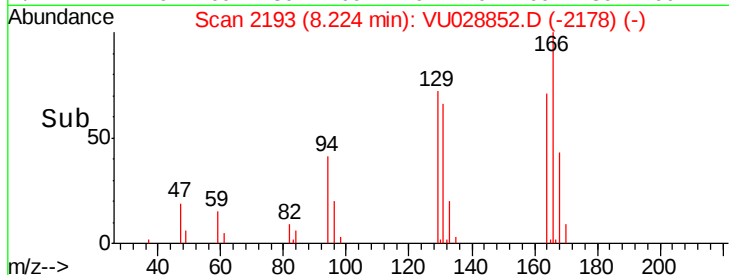
3000

2000

1000

0

Time-->



#53

m,p-Xylene

Concen: 0.392 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028852.D

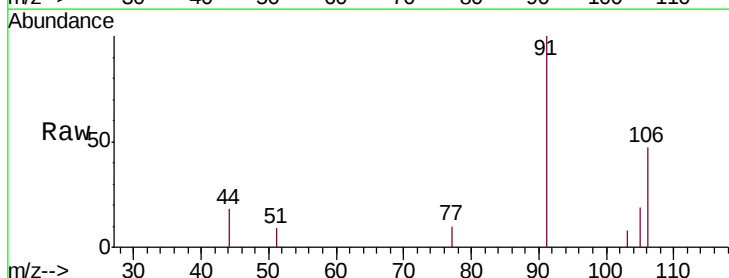
Acq: 21 Dec 2018 02:20

Tgt Ion:106 Resp: 1054

Ion Ratio Lower Upper

106 100

91 210.9 144.1 267.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

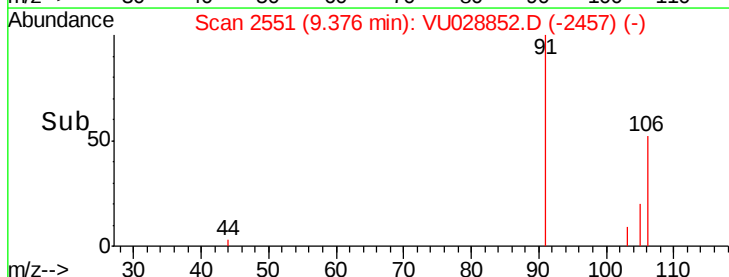
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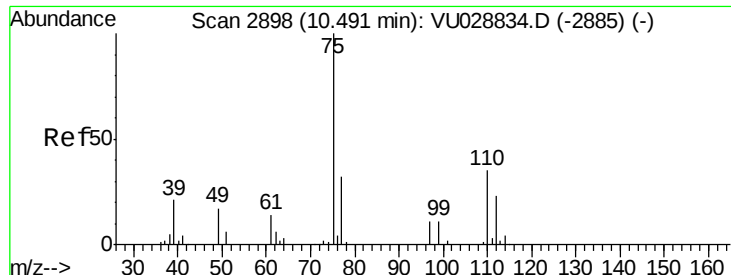
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500

0

Time-->





#59

1,2,3-Trichloropropane

Concen: 4.724 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028852.D

Acq: 21 Dec 2018 02:20

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 75 Resp: 10520

Ion Ratio Lower Upper

75 100

77 32.9 25.5 38.3

