

Data File : VU028853.D
Acq On : 21 Dec 2018 02:44
Operator : MD/SY
Sample : J6513-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9F67

Quant Time: Dec 21 06:04:04 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	229252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	212978	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	89273	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73095	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.54%
7) Chloroethane-d5	1.67	69	60130	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.27	63	93648	30.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.60%
21) 2-Butanone-d5	4.18	46	132491	102.89	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.89%
24) Chloroform-d	4.65	84	126981	43.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.88%
26) 1,2-Dichloroethane-d4	5.31	65	82309	46.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.40%
32) Benzene-d6	5.34	84	276063	45.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.76%
36) 1,2-Dichloropropane-d6	6.33	67	96301	47.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.22%
41) Toluene-d8	7.56	98	241707	44.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.66%
43) trans-1,3-Dichloropropene-	7.85	79	40706	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.88%
47) 2-Hexanone-d5	8.31	63	105584	108.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.76%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	136731	48.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	88326	48.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.84%

Target Compounds

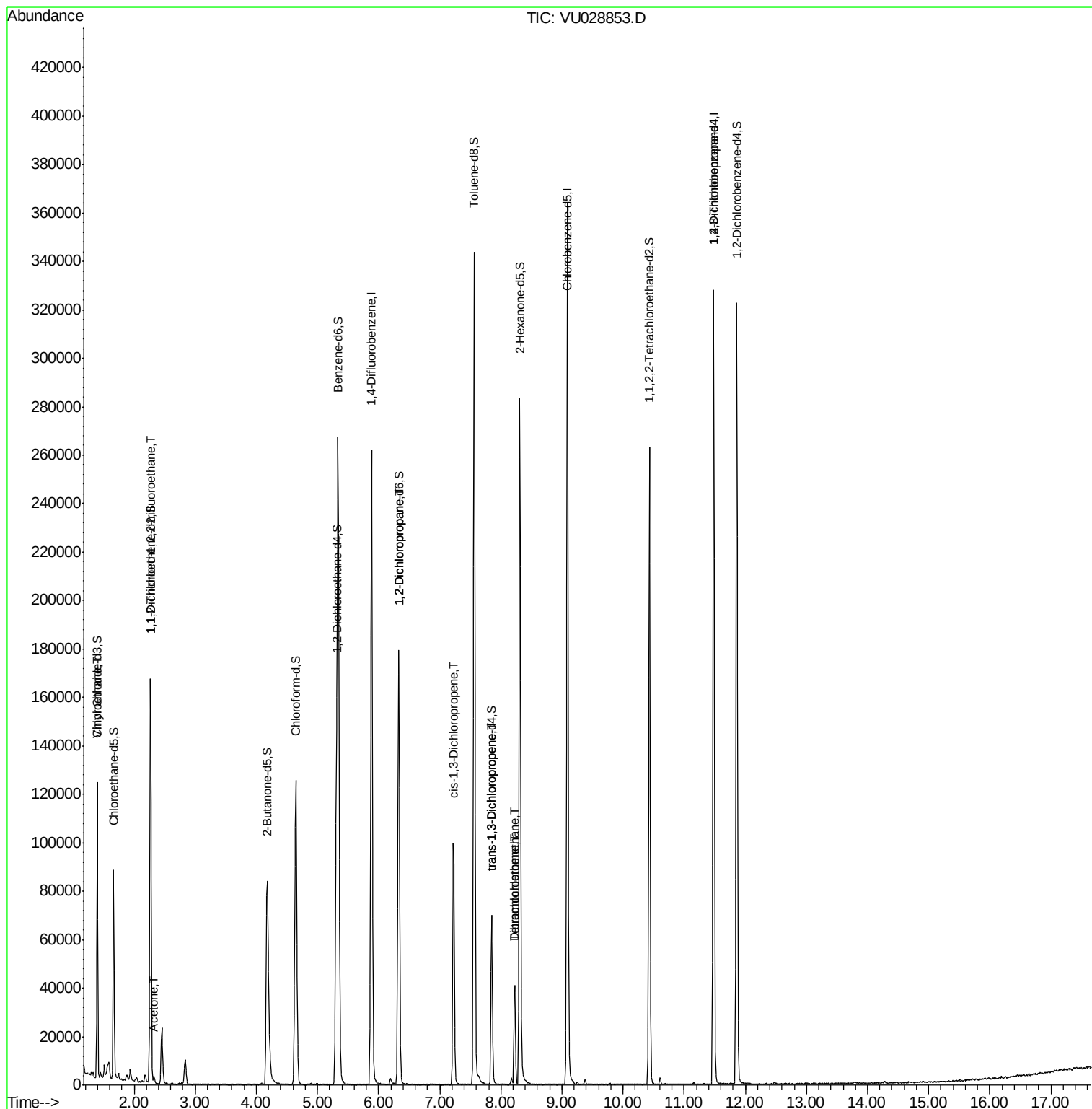
					Qvalue	
8) Chloroethane	1.40	64	1090	0.850	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	834	0.561	ug/L #	20
13) Acetone	2.32	43	1943	1.481	ug/L	84
37) 1,2-Dichloropropane	6.33	63	8984	4.740	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2201	0.815	ug/L #	57
44) trans-1,3-Dichloropropene	7.85	75	1475	0.612	ug/L #	73
46) Tetrachloroethene	8.22	164	10132	8.037	ug/L	95
49) Dibromochloromethane	8.23	129	9167	5.679	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	10152	4.488	ug/L	92

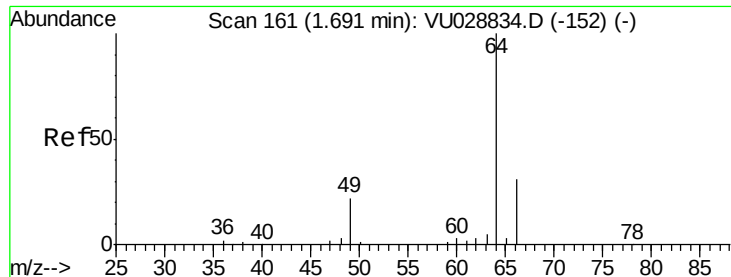
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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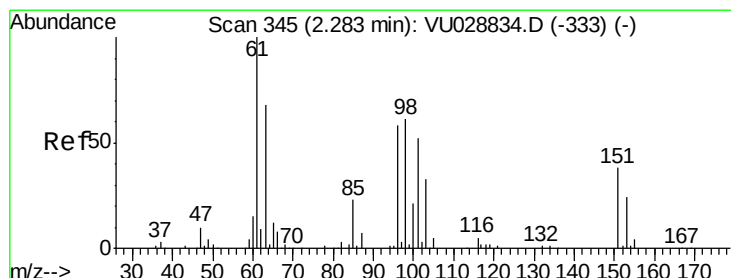
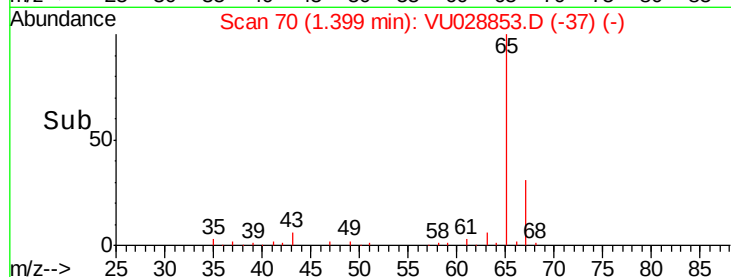
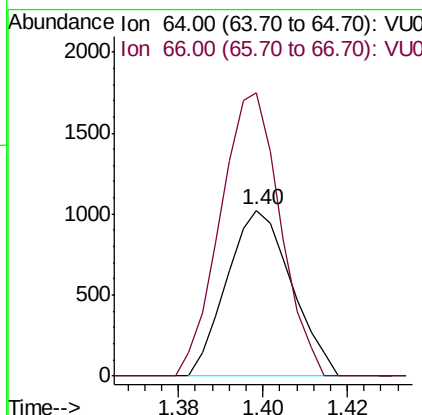
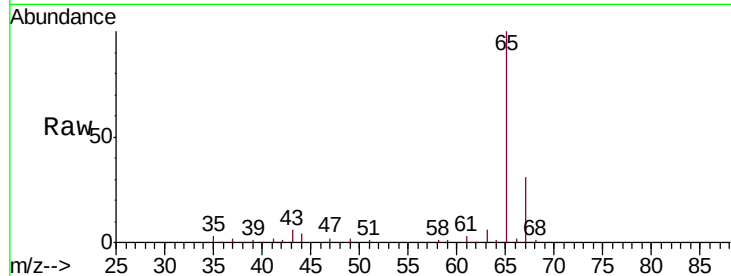




#8
Chloroethane
Concen: 0.850 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.29 min
Lab File: VU028853.D
Acq: 21 Dec 2018 02:44

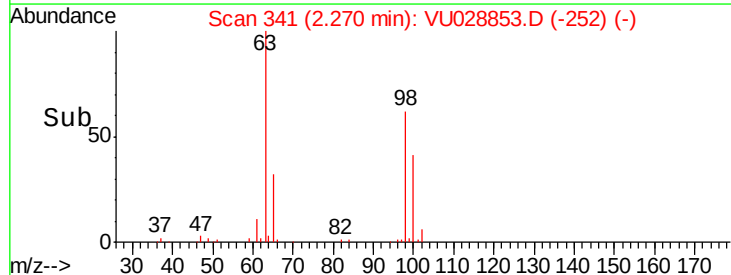
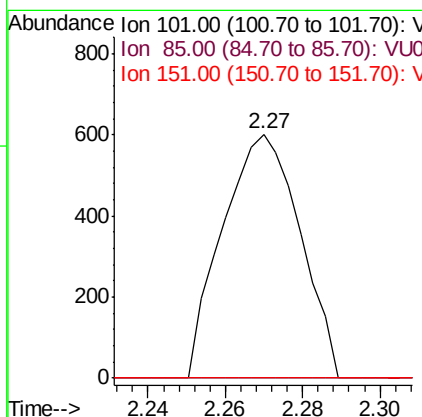
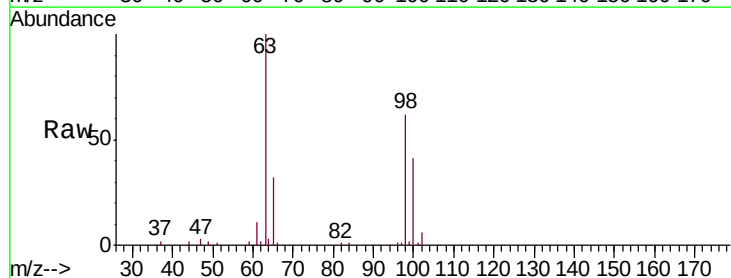
Instrument :
MSVOA_U
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F9F67

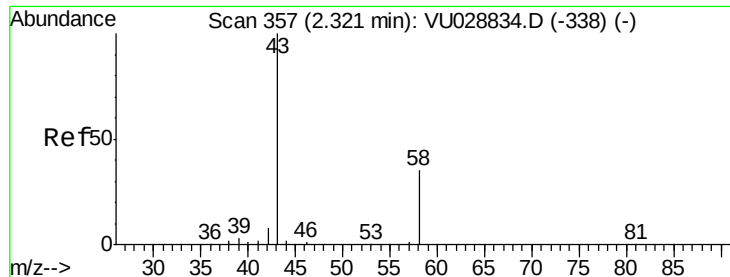
Tgt Ion: 64 Resp: 1090
Ion Ratio Lower Upper
64 100
66 170.8 21.5 39.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.561 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU028853.D
Acq: 21 Dec 2018 02:44

Tgt Ion: 101 Resp: 834
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 59.4 89.0#





#13

Acetone

Concen: 1.481 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU028853.D

Acq: 21 Dec 2018 02:44

Instrument :

MSVOA_U

ClientSampleId :

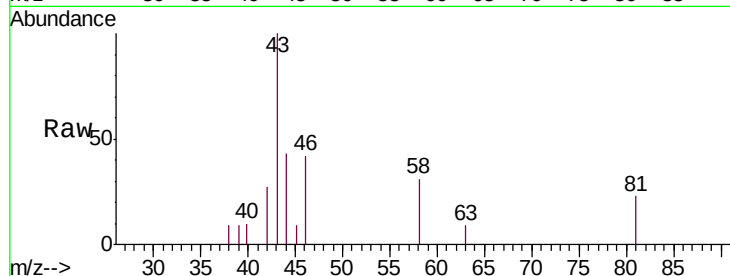
F9F67

Tgt Ion: 43 Resp: 1943

Ion Ratio Lower Upper

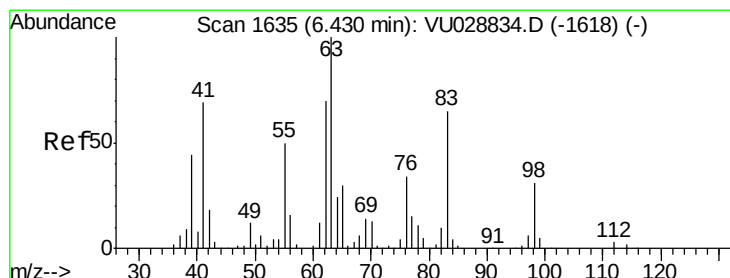
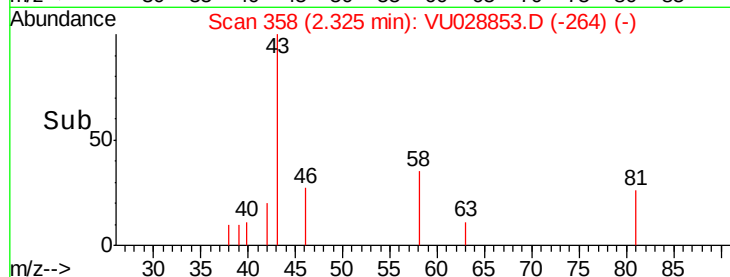
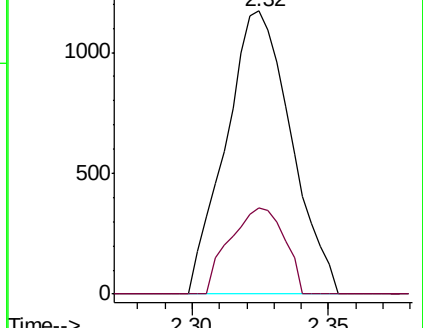
43 100

58 25.6 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU028834.D (-338) (-)

Ion 58.00 (57.70 to 58.70): VU028834.D (-338) (-)



#37

1,2-Dichloropropane

Concen: 4.740 ug/L

RT: 6.33 min Scan# 1604

Delta R.T. -0.10 min

Lab File: VU028853.D

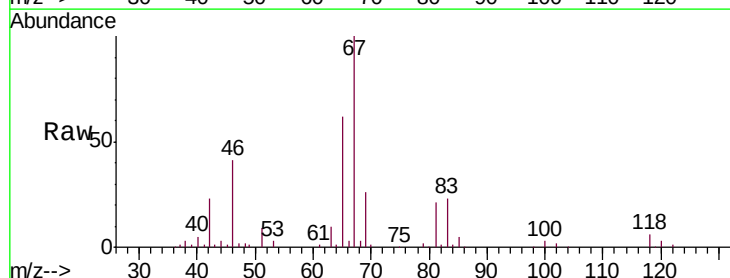
Acq: 21 Dec 2018 02:44

Tgt Ion: 63 Resp: 8984

Ion Ratio Lower Upper

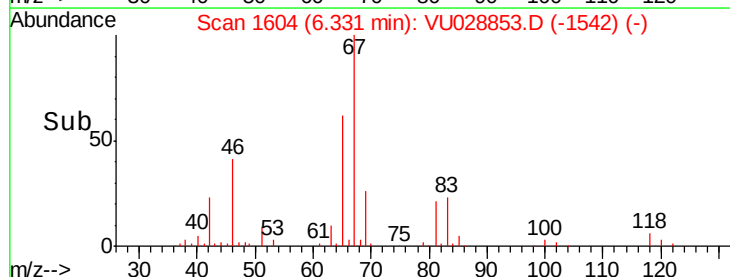
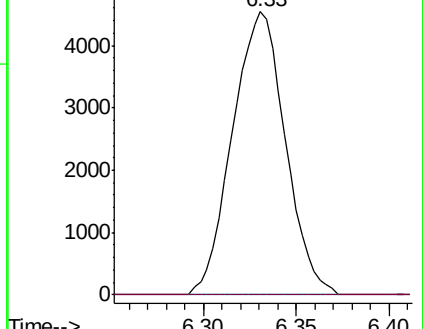
63 100

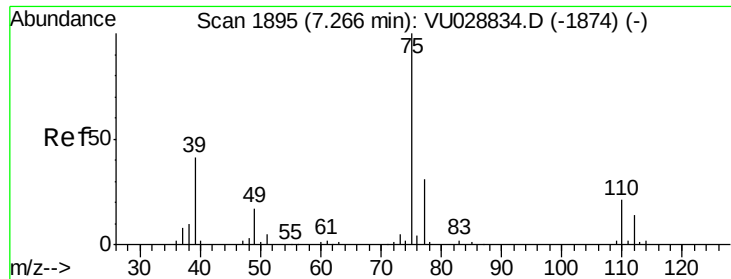
112 0.0 2.7 4.1#



Abundance Ion 63.00 (62.70 to 63.70): VU028834.D (-1618) (-)

Ion 112.00 (111.70 to 112.70): VU028834.D (-1618) (-)

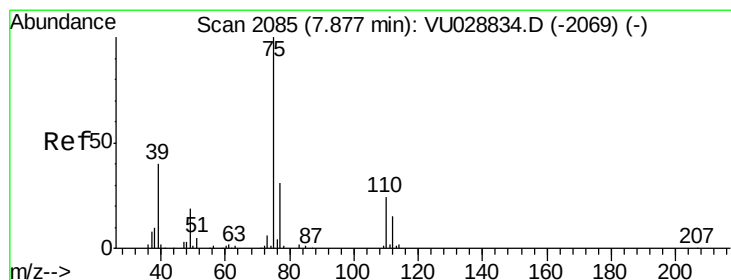
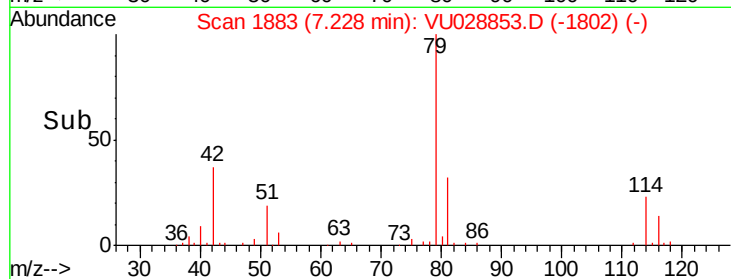
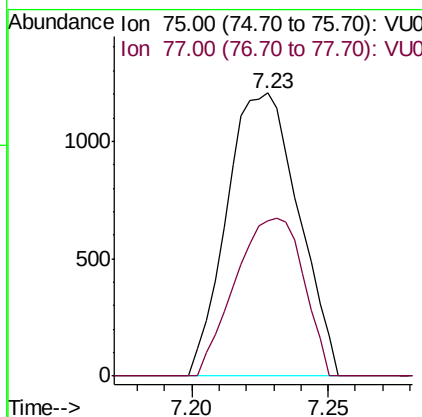
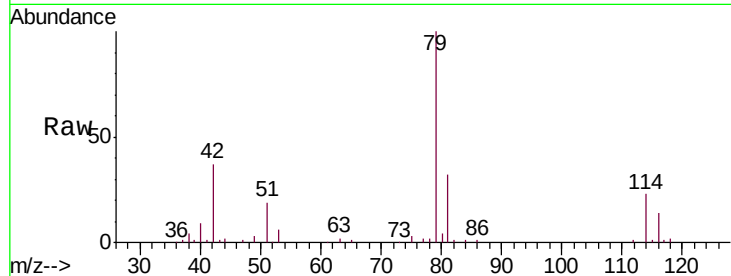




#39
 cis-1,3-Dichloropropene
 Concen: 0.815 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU028853.D
 Acq: 21 Dec 2018 02:44

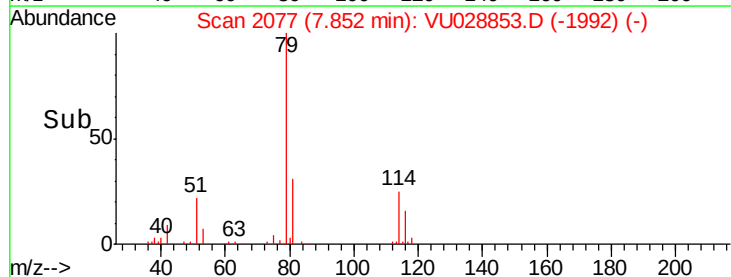
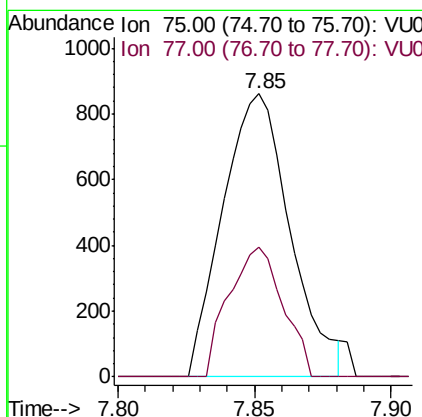
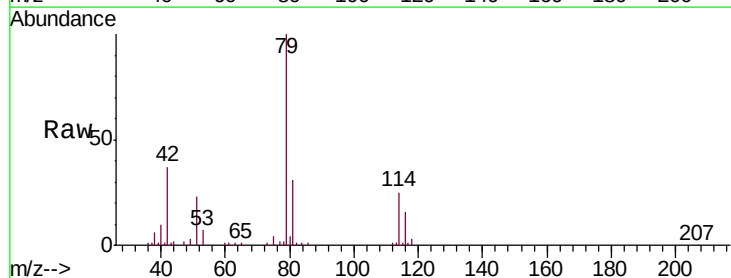
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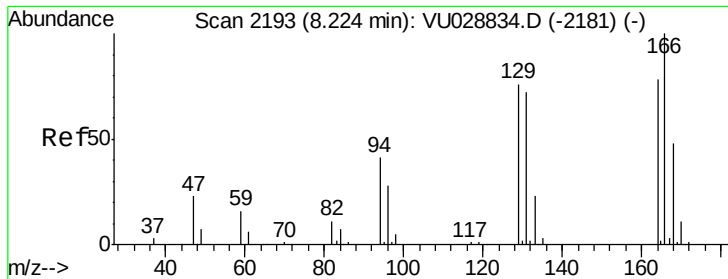
Tgt Ion: 75 Resp: 2201
 Ion Ratio Lower Upper
 75 100
 77 55.1 21.8 40.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.612 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU028853.D
 Acq: 21 Dec 2018 02:44

Tgt Ion: 75 Resp: 1475
 Ion Ratio Lower Upper
 75 100
 77 46.0 21.8 40.6#

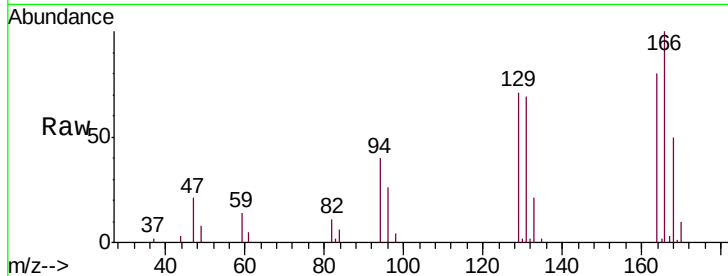




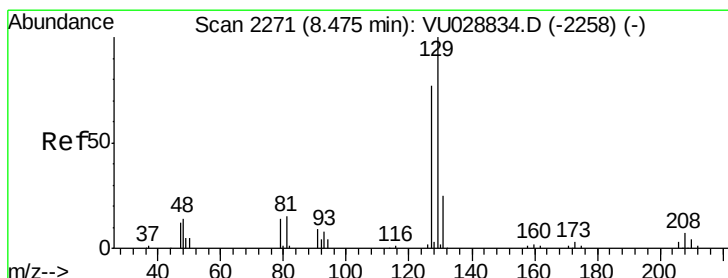
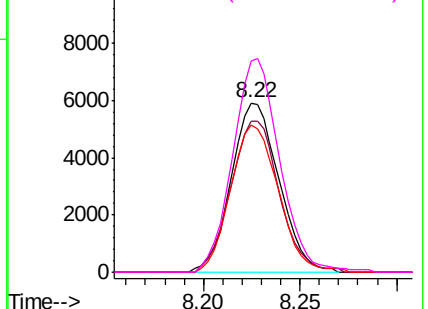
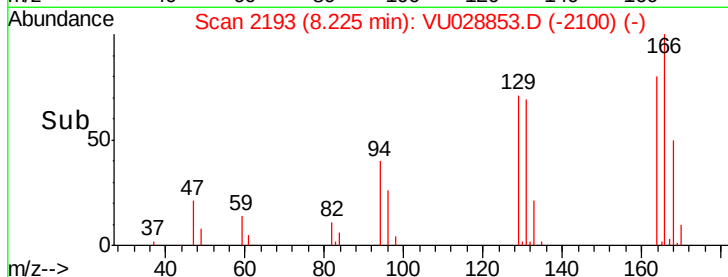
#46
Tetrachloroethene
Concen: 8.037 ug/L
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU028853.D
Acq: 21 Dec 2018 02:44

Instrument :
MSVOA_U
ClientSampleId :
F9F67

Tgt Ion:164 Resp: 10132
Ion Ratio Lower Upper
164 100
129 89.0 66.8 124.0
131 86.7 64.2 119.2
166 125.0 90.8 168.6

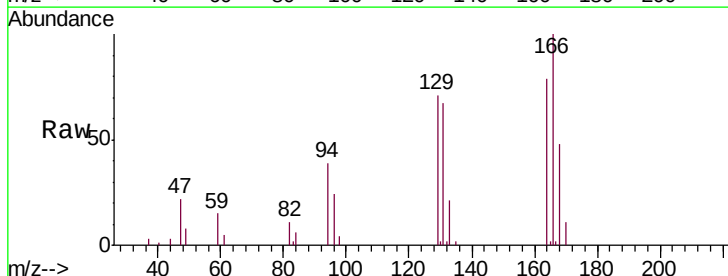


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

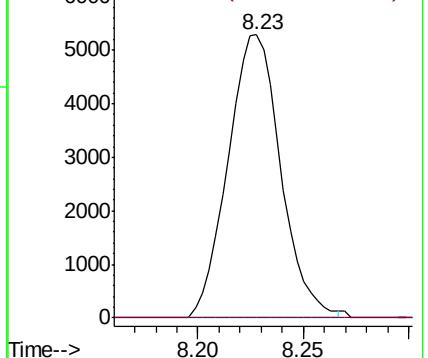
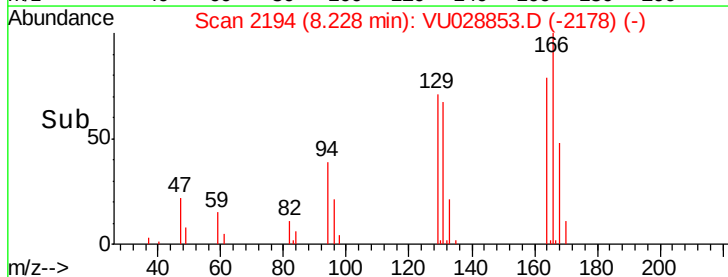


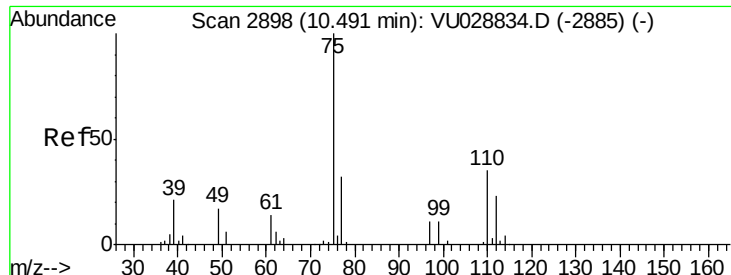
#49
Dibromochloromethane
Concen: 5.679 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU028853.D
Acq: 21 Dec 2018 02:44

Tgt Ion:129 Resp: 9167
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





#59

1,2,3-Trichloropropane

Concen: 4.488 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028853.D

Acq: 21 Dec 2018 02:44

Instrument :

MSVOA_U

ClientSampleId :

F9F67

Tgt Ion: 75 Resp: 10152

Ion Ratio Lower Upper

75 100

77 36.5 25.5 38.3

