

Data File : VU036657.D
Acq On : 31 Jan 2020 22:12
Operator : JC/MD
Sample : L1326-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBCS7

Quant Time: Feb 01 00:25:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	271511	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	250841	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	100928	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120756	48.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.56%
7) Chloroethane-d5	1.92	69	97635	48.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.98%
11) 1,1-Dichloroethene-d2	2.59	63	143296	36.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.98%
21) 2-Butanone-d5	4.68	46	154057	101.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.09%
24) Chloroform-d	5.11	84	174478	47.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.14%
26) 1,2-Dichloroethane-d4	5.74	65	120208	50.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.08%
32) Benzene-d6	5.77	84	382384	50.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.68%
36) 1,2-Dichloropropane-d6	6.73	67	125823	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.84%
41) Toluene-d8	7.93	98	346399	49.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.88%
43) trans-1,3-Dichloropropene-	8.21	79	58028	47.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.60%
47) 2-Hexanone-d5	8.67	63	141439	101.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.67%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	173965	49.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.08%
64) 1,2-Dichlorobenzene-d4	12.21	152	107645	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

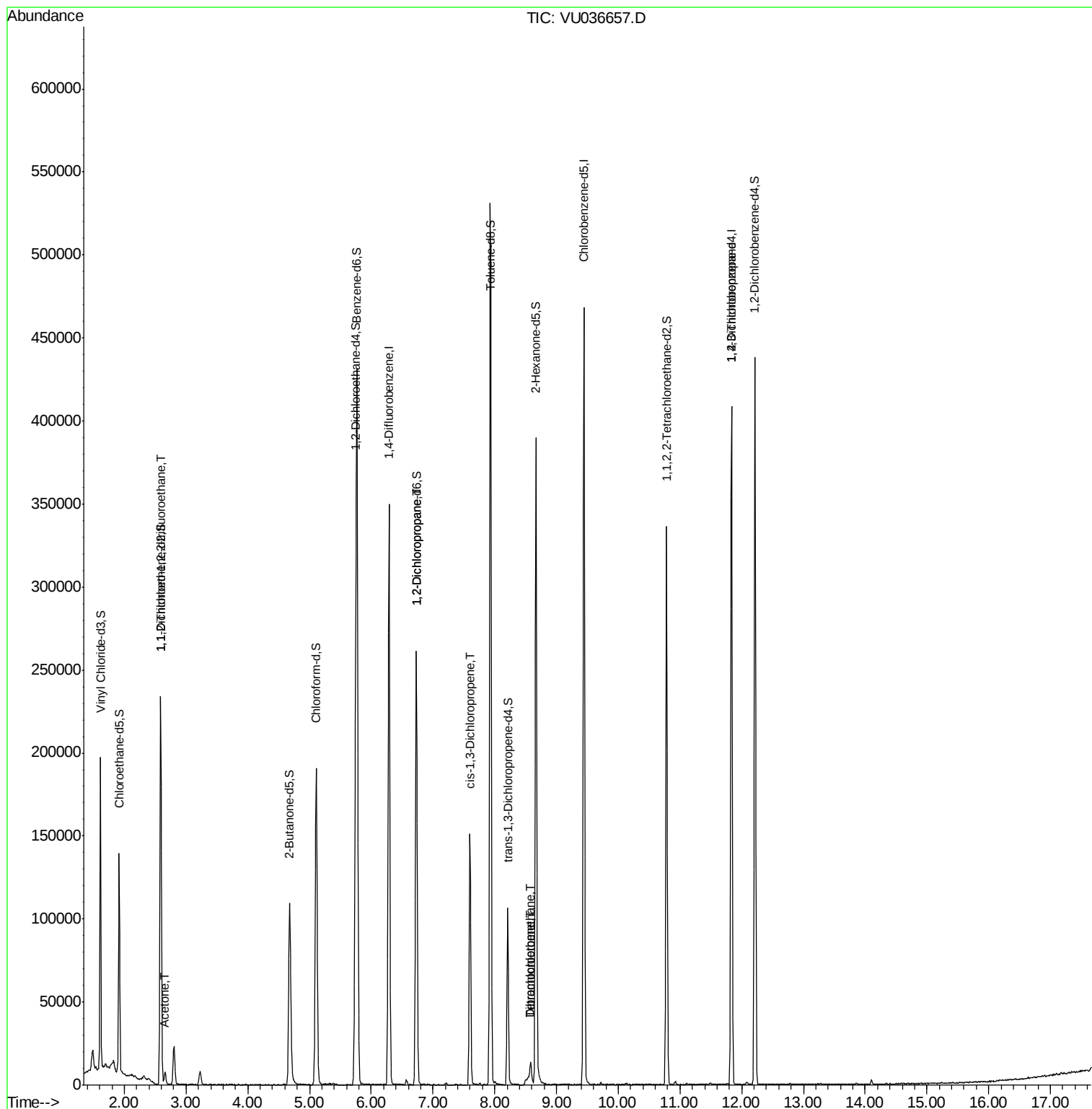
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1258	0.743 ug/L #	22
13) Acetone	2.66	43	8433	6.507 ug/L	99
37) 1,2-Dichloropropane	6.73	63	13606	6.279 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3334	0.972 ug/L #	47
46) Tetrachloroethene	8.58	164	2337	1.633 ug/L	93
49) Dibromochloromethane	8.58	129	2184	1.135 ug/L #	12
59) 1,2,3-Trichloropropane	11.83	75	13943	4.848 ug/L #	88

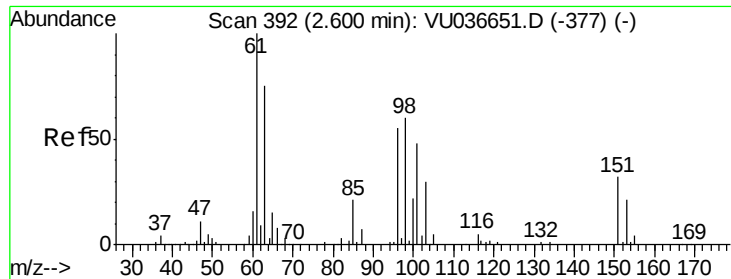
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.743 ug/L

RT: 2.59 min Scan# 388

Delta R.T. -0.01 min

Lab File: VU036657.D

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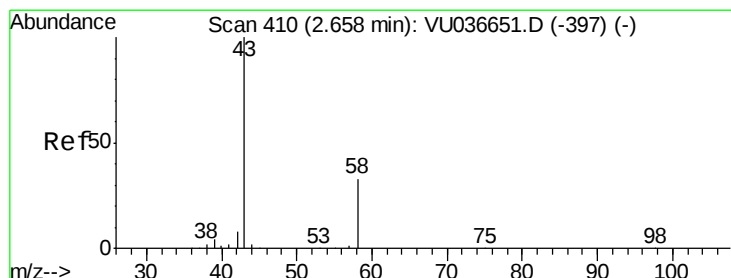
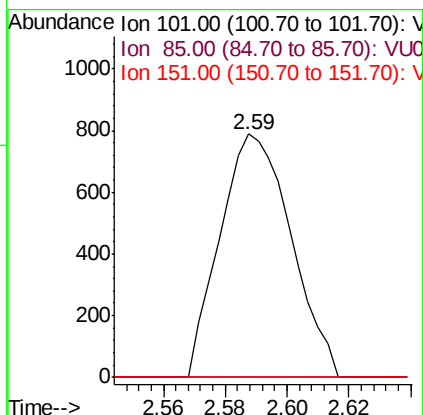
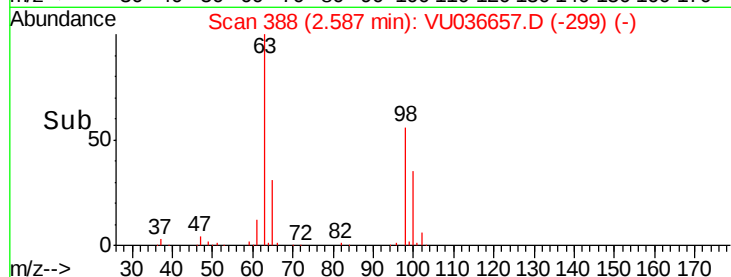
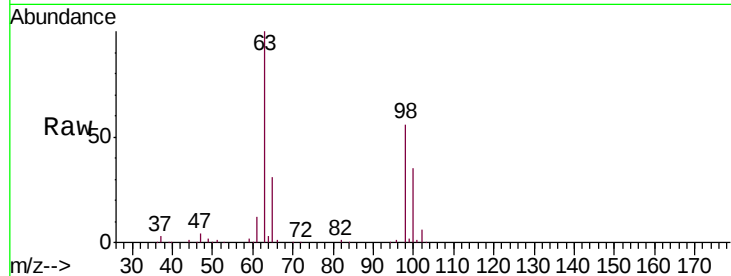
Tgt Ion:101 Resp: 1258

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

151 0.0 54.7 82.1#



#13

Acetone

Concen: 6.507 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU036657.D

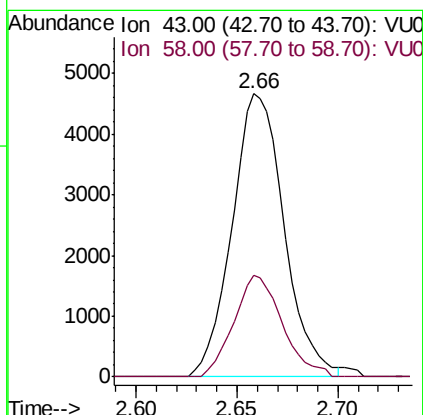
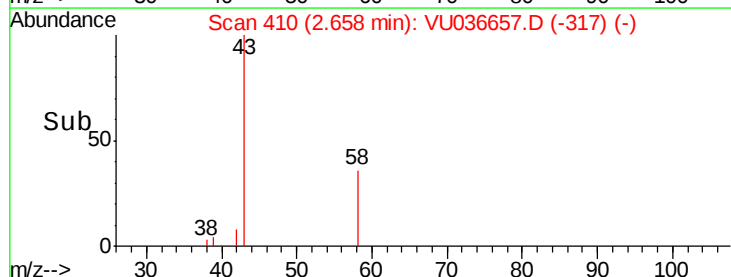
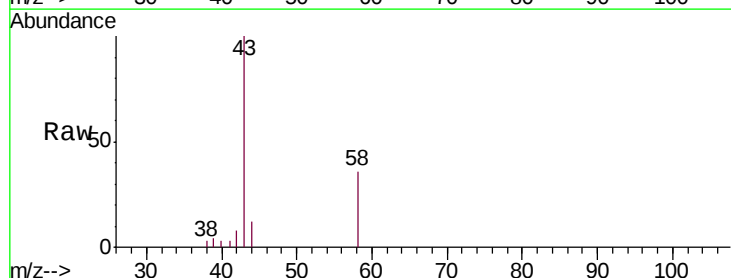
Acq: 31 Jan 2020 22:12

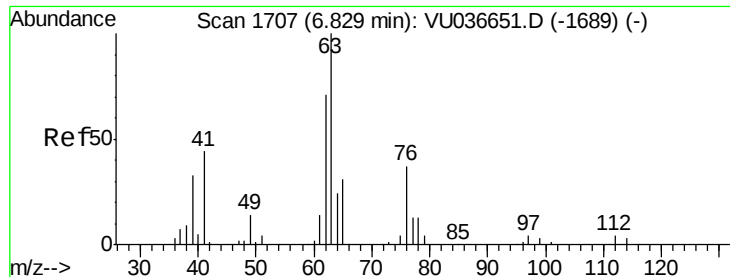
Tgt Ion: 43 Resp: 8433

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.8

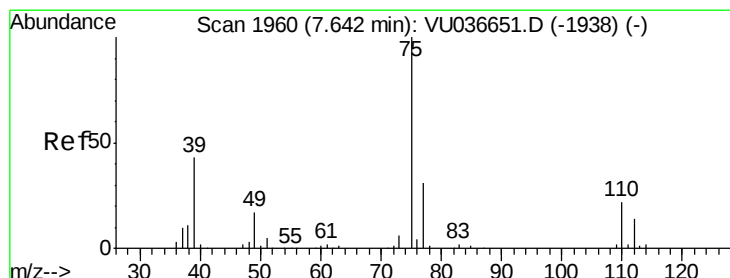
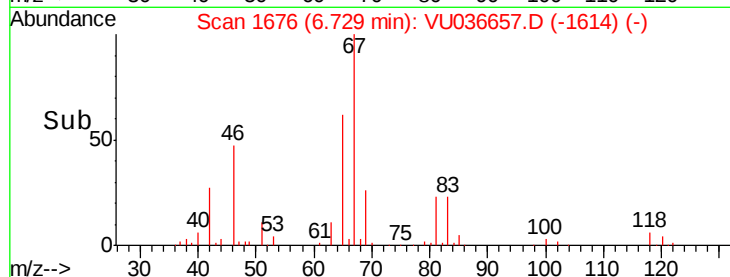
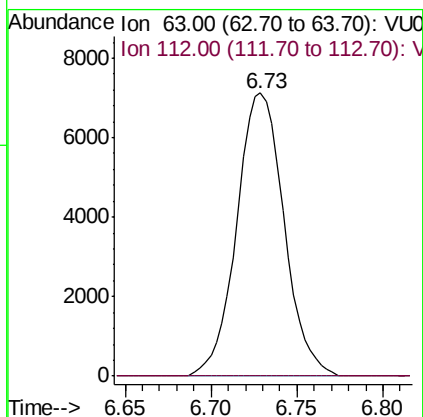
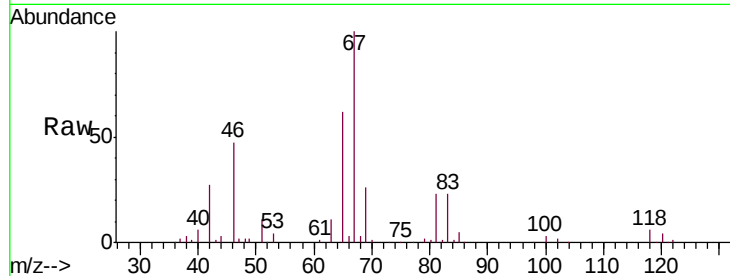




#37
 1,2-Dichloropropane
 Concen: 6.279 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036657.D
 Acq: 31 Jan 2020 22:12

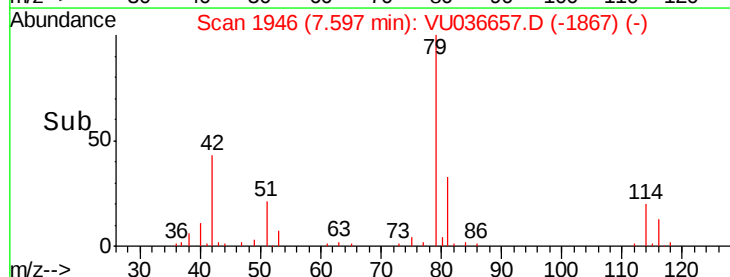
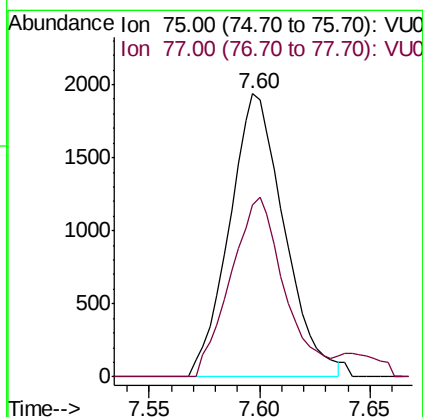
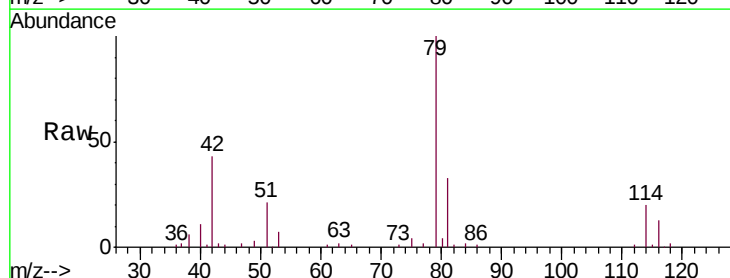
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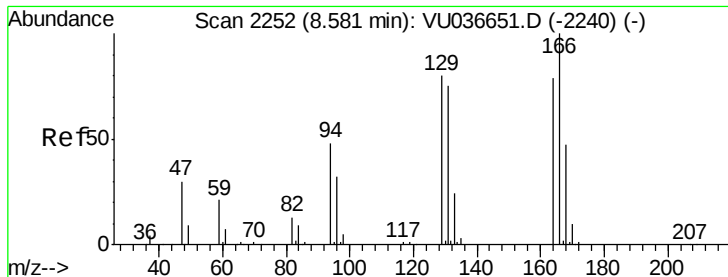
Tgt Ion: 63 Resp: 13606
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 0.972 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.05 min
 Lab File: VU036657.D
 Acq: 31 Jan 2020 22:12

Tgt Ion: 75 Resp: 3334
 Ion Ratio Lower Upper
 75 100
 77 60.7 22.0 41.0#

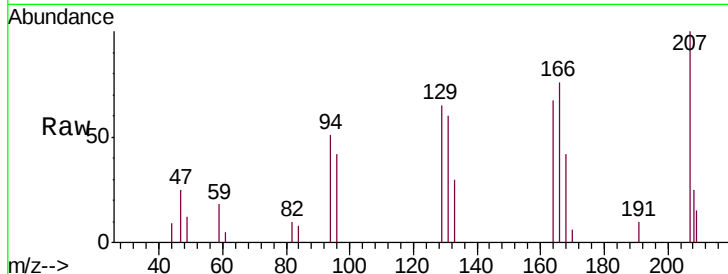




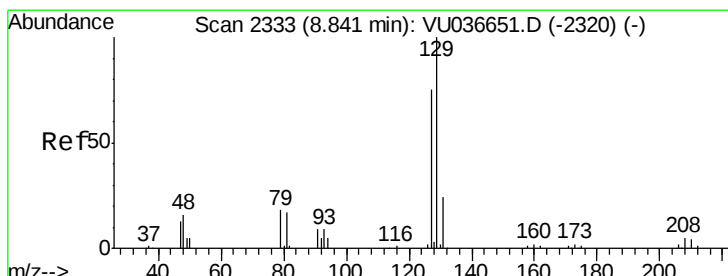
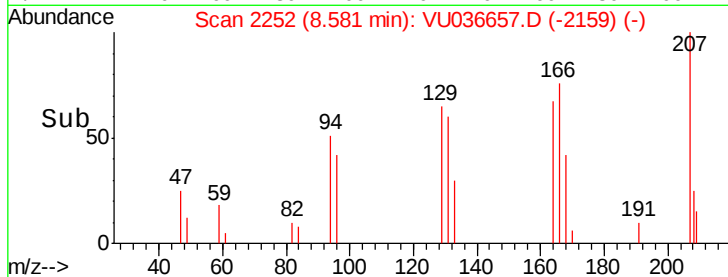
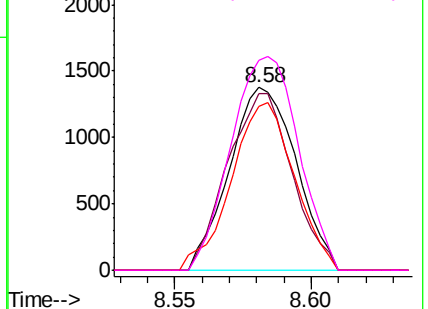
#46
Tetrachloroethene
Concen: 1.633 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VU036657.D
Acq: 31 Jan 2020 22:12

Instrument :
MSVOA_U
ClientSampleId :
DBCS7

Tgt Ion:164 Resp: 2337
Ion Ratio Lower Upper
164 100
129 96.9 71.1 132.1
131 90.0 66.9 124.3
166 114.7 89.0 165.4

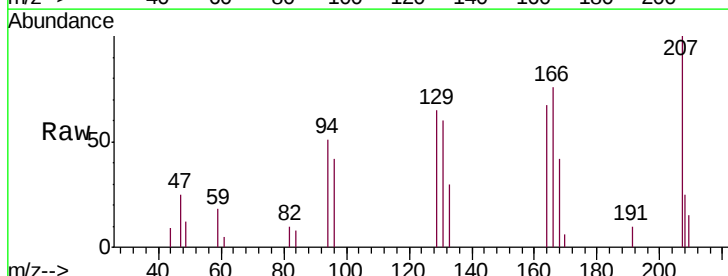


Abundance Ion 164.00 (163.70 to 164.70): V
2500
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

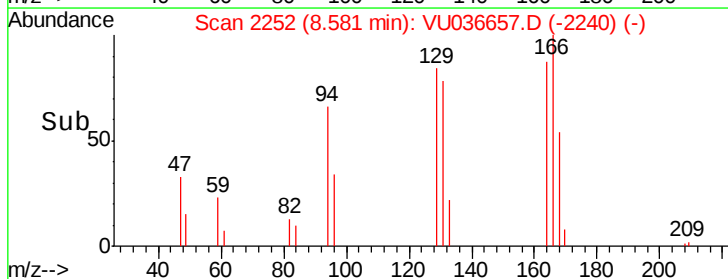
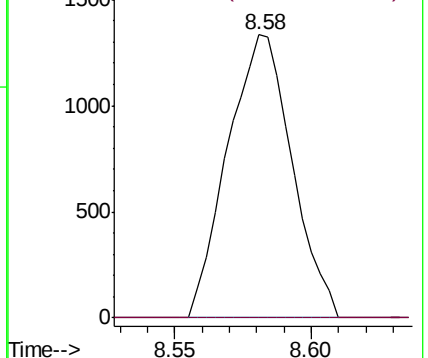


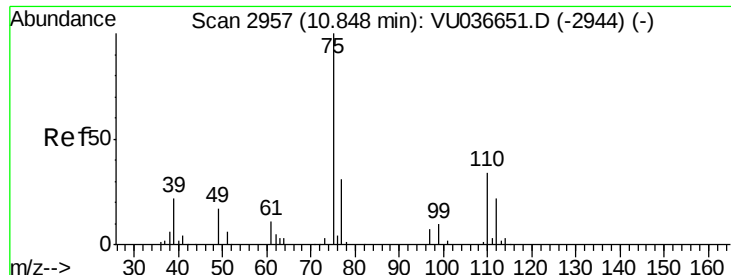
#49
Dibromochloromethane
Concen: 1.135 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036657.D
Acq: 31 Jan 2020 22:12

Tgt Ion:129 Resp: 2184
Ion Ratio Lower Upper
129 100
127 0.0 52.4 97.2#



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: 4.848 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036657.D

Acq: 31 Jan 2020 22:12

Instrument :

MSVOA_U

ClientSampleId :

DBCS7

Tgt Ion: 75 Resp: 13943

Ion Ratio Lower Upper

75 100

77 38.4 25.2 37.8#

