

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038906.D
 Acq On : 15 Jun 2020 21:00
 Operator : SY/MD
 Sample : L2975-11DL 25X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q5DL

Quant Time: Jun 16 02:00:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 16 01:57:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	276583	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	279672	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	124124	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	83333	6.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.00%
7) Chloroethane-d5	1.93	69	72849	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.59	63	135870	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.20%
20) 2-Butanone-d5	4.67	46	248423	49.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	5.10	84	177559	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.74	65	109553	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
32) Benzene-d6	5.76	84	347019	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.72	67	108035	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.92	98	285250	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	8.20	79	41728	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.66	63	245319	58.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95102	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	115003	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

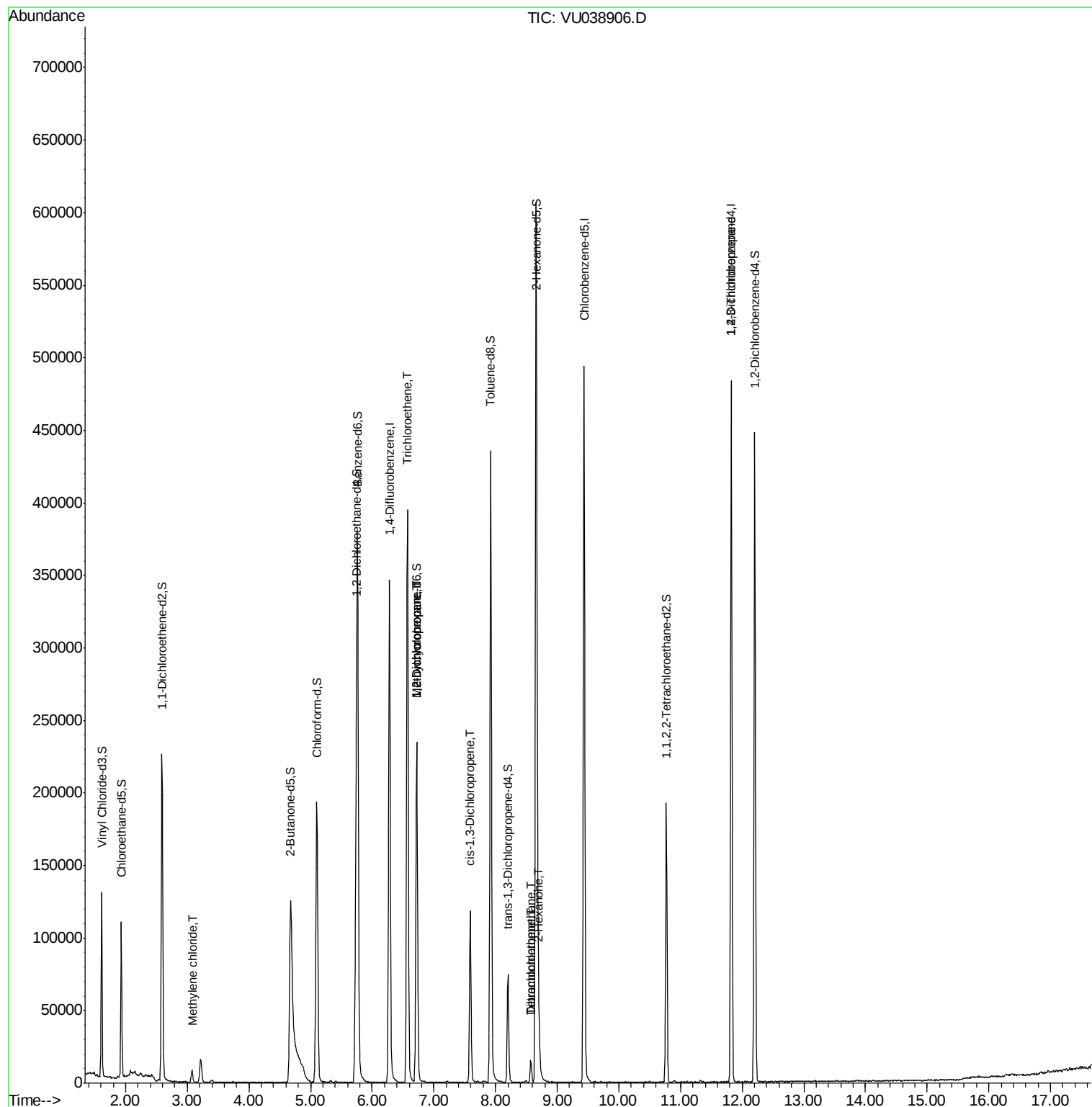
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	4003	0.178	ug/L	94
34) Trichloroethene	6.57	95	135349	6.240	ug/L	99
35) Methylcyclohexane	6.72	83	25545	0.790	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12399	0.578	ug/L #	85
39) cis-1,3-Dichloropropene	7.59	75	3364	0.110	ug/L	84
47) Tetrachloroethene	8.57	164	3425	0.206	ug/L	89
48) 2-Hexanone	8.71	43	11381	0.982	ug/L #	82
49) Dibromochloromethane	8.57	129	3294	0.173	ug/L #	9
59) 1,2,3-Trichloropropane	11.82	75	15752	0.954	ug/L	90

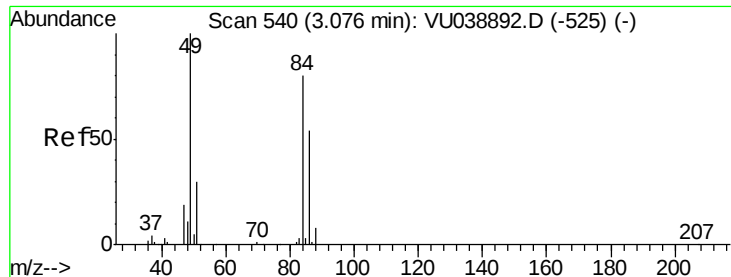
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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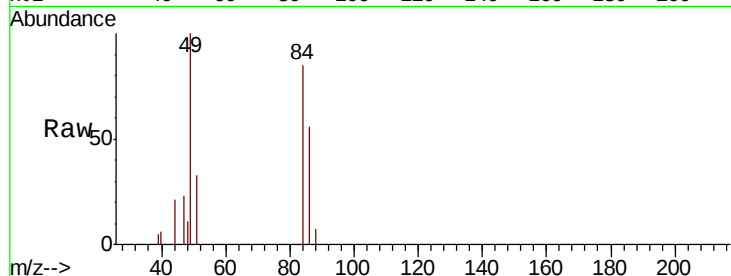




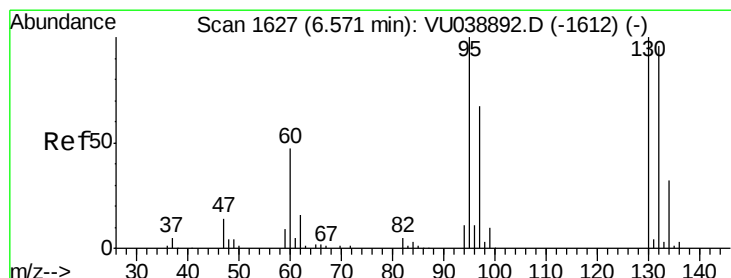
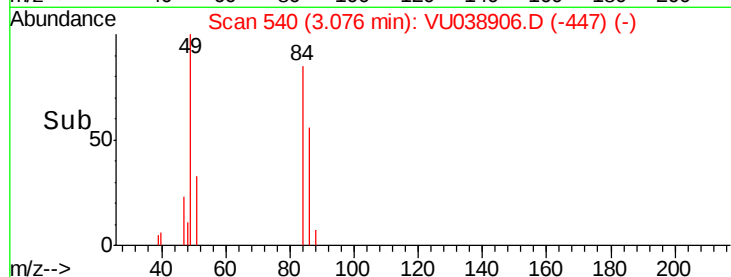
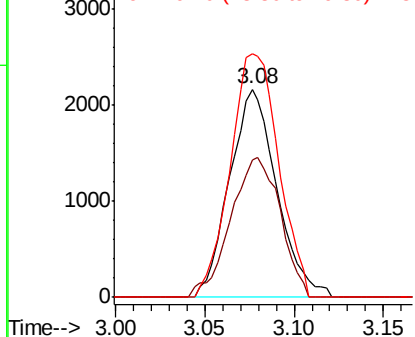
#16
Methylene chloride
Concen: 0.178 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

Instrument :
MSVOA_U
ClientSampleId :
BF8Q5DL

Tot Ion: 84 Resp: 4003
Ion Ratio Lower Upper
84 100
86 65.9 47.9 89.1
49 117.2 88.4 164.2

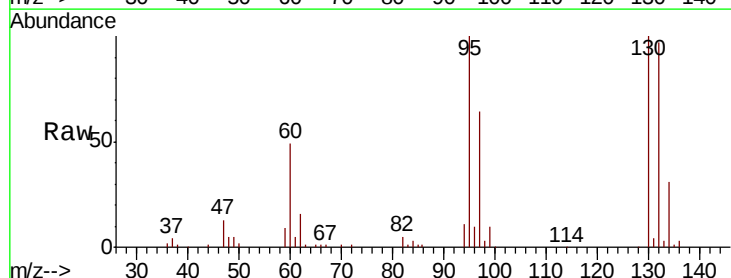


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

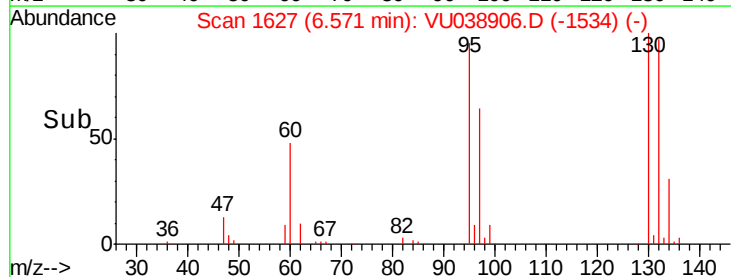
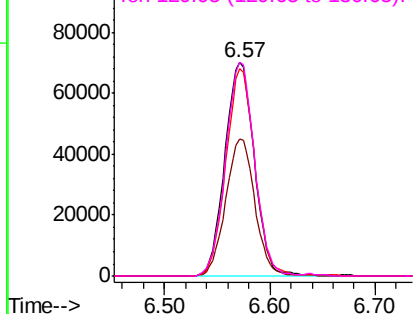


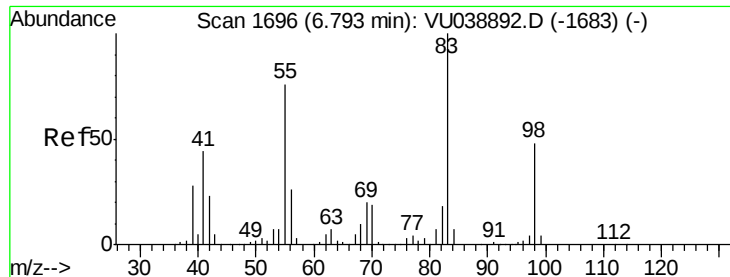
#34
Trichloroethene
Concen: 6.240 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

Tgt Ion: 95 Resp: 135349
Ion Ratio Lower Upper
95 100
97 64.4 46.1 85.5
132 97.1 68.2 126.6
130 99.9 71.0 131.9



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

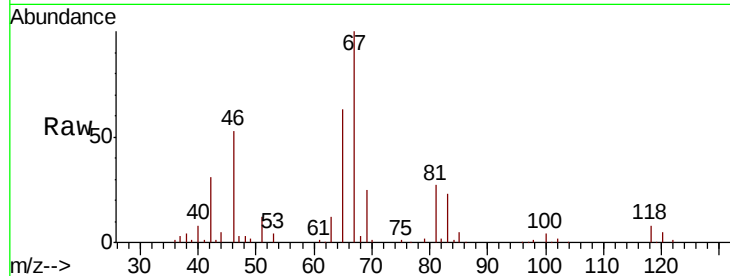




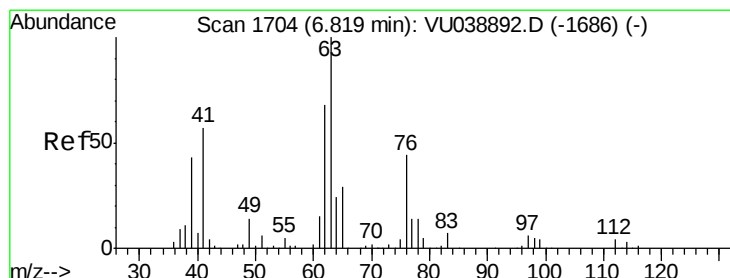
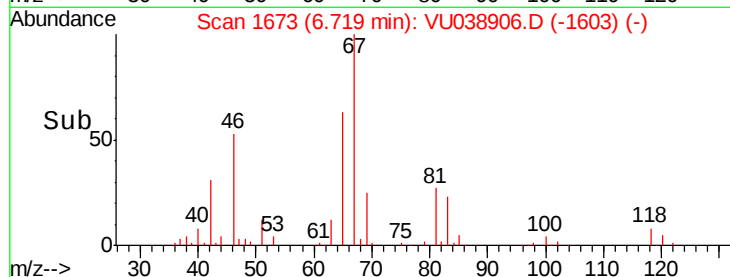
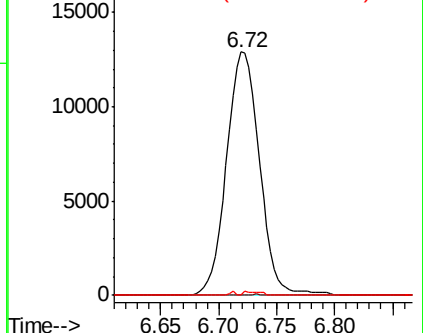
#35
Methylcyclohexane
Concen: 0.790 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

Instrument :
MSVOA_U
ClientSampleId :
BF8Q5DL

Tot Ion: 83 Resp: 25545
Ion Ratio Lower Upper
83 100
55 0.1 63.6 95.4#
98 0.8 38.9 58.3#

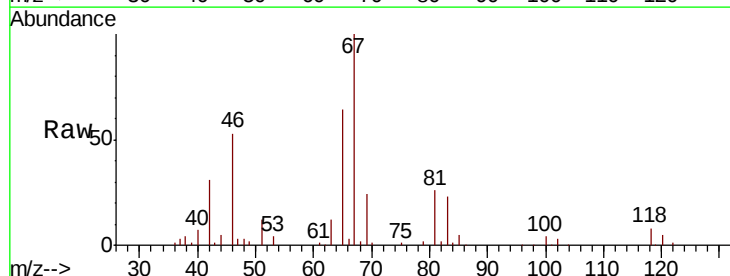


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

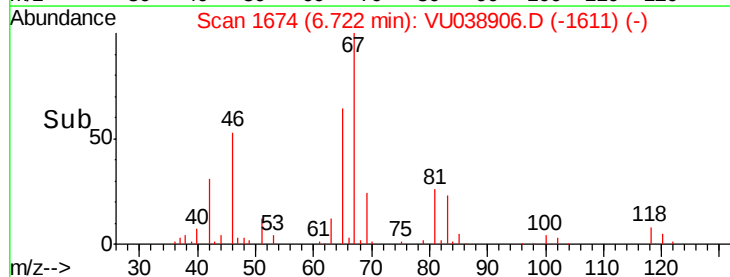
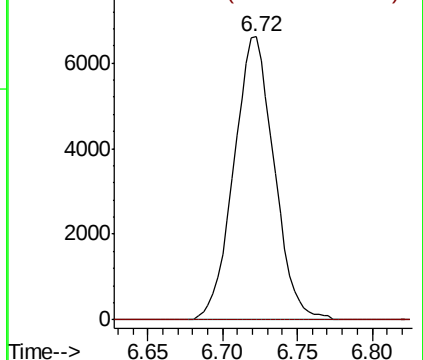


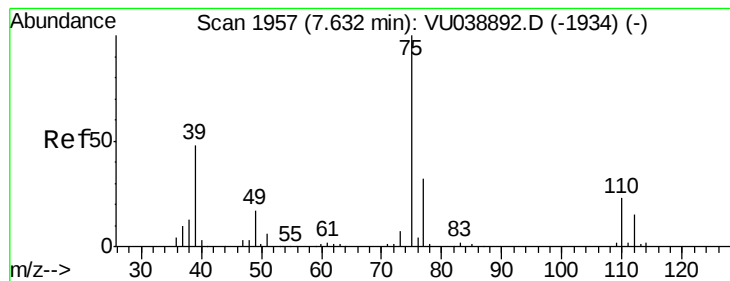
#37
1,2-Dichloropropane
Concen: 0.578 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

Tgt Ion: 63 Resp: 12399
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038906.D

Acq: 15 Jun 2020 21:00

Instrument :

MSVOA_U

ClientSampleId :

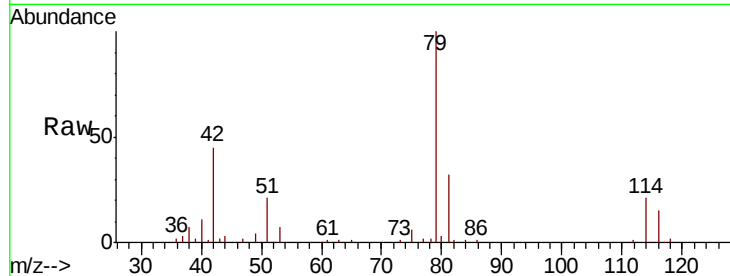
BF8Q5DL

Tot Ion: 75 Resp: 3364

Ion Ratio Lower Upper

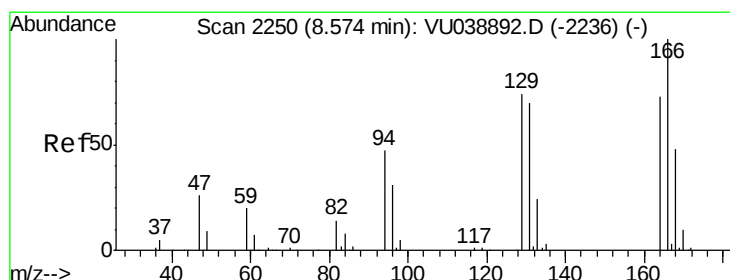
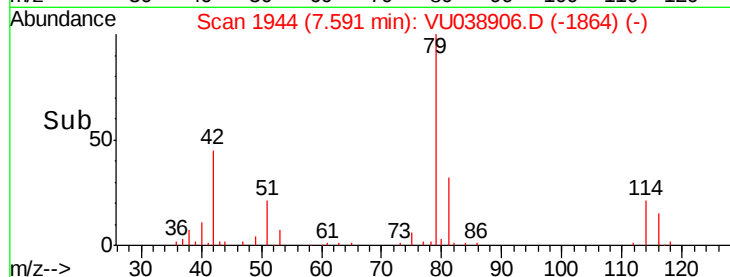
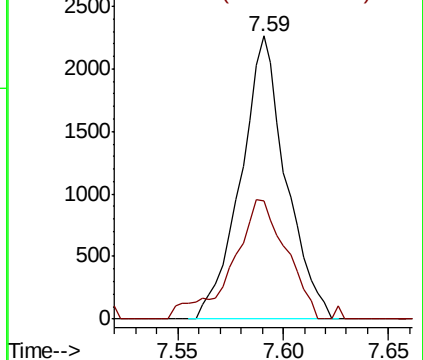
75 100

77 41.8 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VU038892.D (-1934) (-)

Ion 77.05 (76.75 to 77.75): VU038892.D (-1934) (-)



#47

Tetrachloroethene

Concen: 0.206 ug/L

RT: 8.57 min Scan# 2250

Delta R.T. 0.00 min

Lab File: VU038906.D

Acq: 15 Jun 2020 21:00

Tgt Ion:164 Resp: 3425

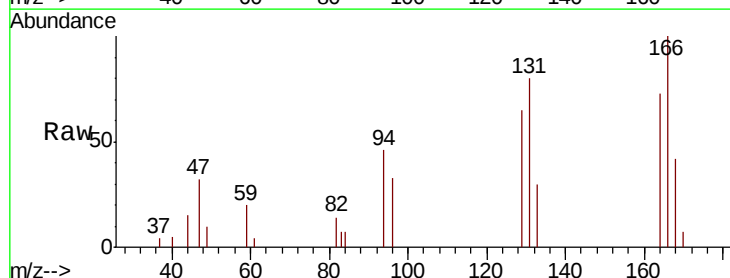
Ion Ratio Lower Upper

164 100

129 88.2 65.5 121.7

131 109.7 63.9 118.7

166 136.5 87.9 163.3

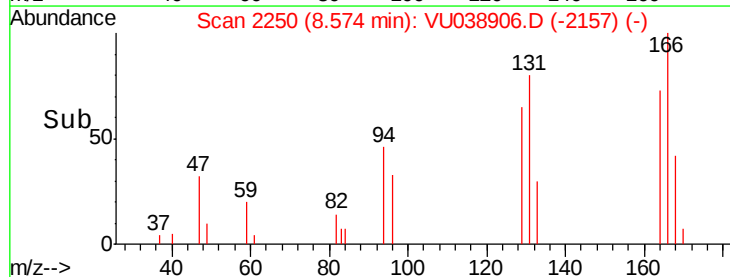
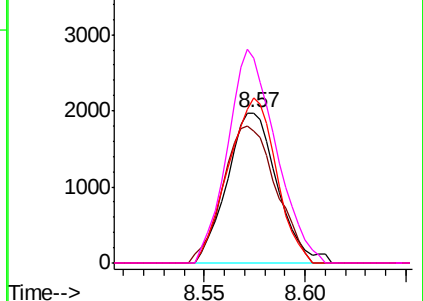


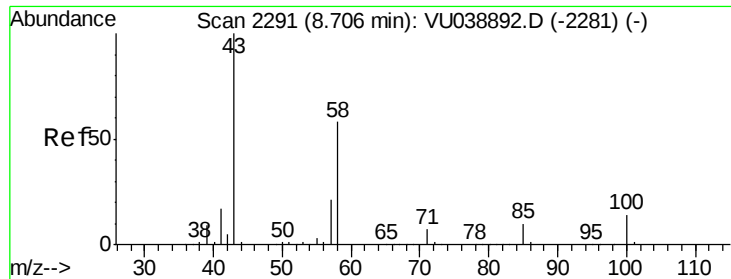
Abundance Ion 163.90 (163.60 to 164.60): VU038892.D (-2236) (-)

Ion 128.95 (128.65 to 129.65): VU038892.D (-2236) (-)

Ion 130.95 (130.65 to 131.65): VU038892.D (-2236) (-)

Ion 165.90 (165.60 to 166.60): VU038892.D (-2236) (-)

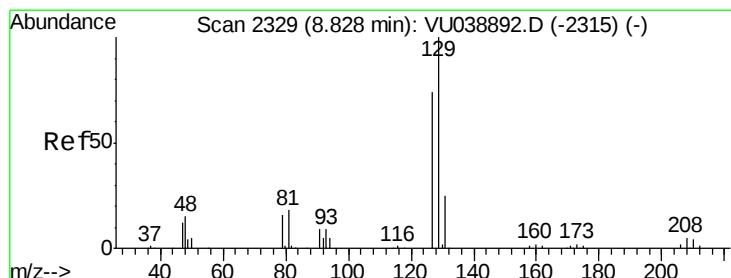
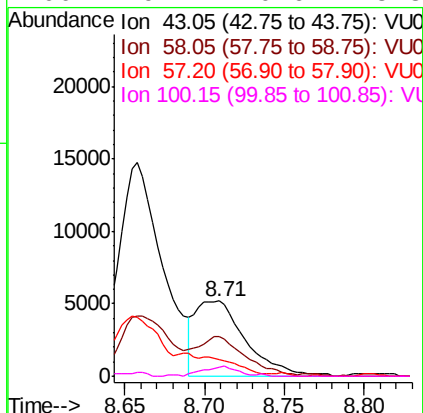
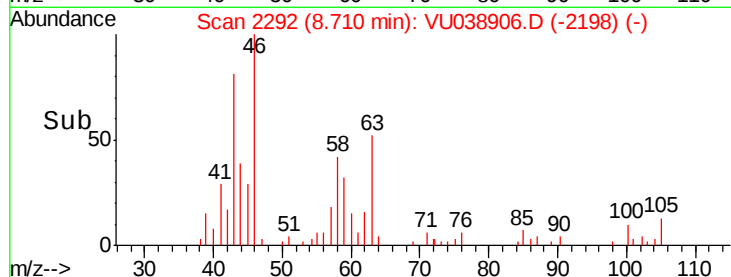
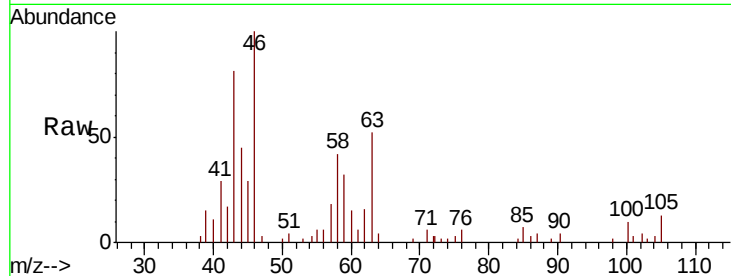




#48
2-Hexanone
Concen: 0.982 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

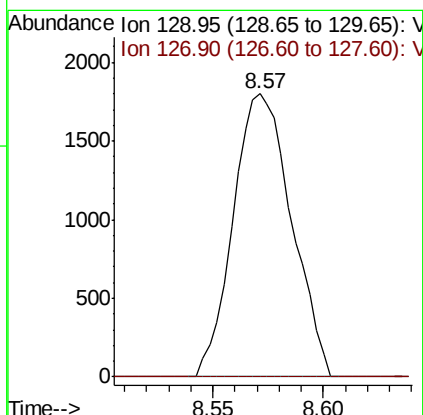
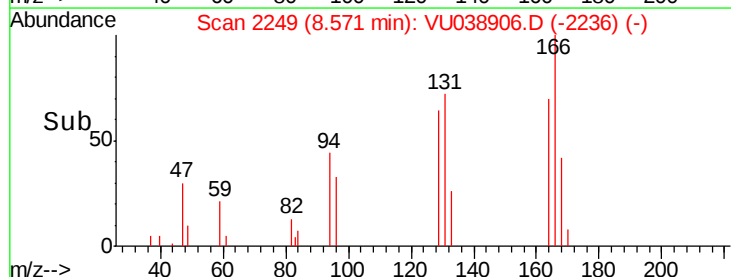
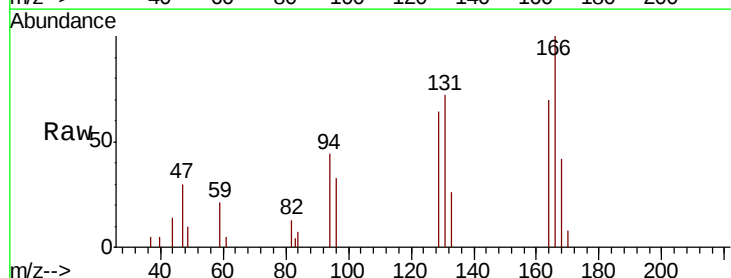
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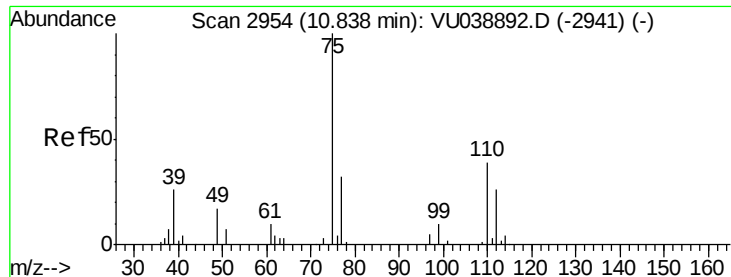
Tot Ion: 43 Resp: 11381
Ion Ratio Lower Upper
43 100
58 49.2 45.4 68.2
57 0.0 16.4 24.6#
100 9.7 10.6 15.8#



#49
Dibromochloromethane
Concen: 0.173 ug/L
RT: 8.57 min Scan# 2249
Delta R.T. -0.26 min
Lab File: VU038906.D
Acq: 15 Jun 2020 21:00

Tgt Ion: 129 Resp: 3294
Ion Ratio Lower Upper
129 100
127 0.0 56.7 105.3#





#59
 1,2,3-Trichloropropane
 Concen: 0.954 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038906.D
 Acq: 15 Jun 2020 21:00

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q5DL

Tot Ion: 75 Resp: 15752
 Ion Ratio Lower Upper
 75 100
 77 37.8 25.9 38.9

