

Data File : VU036866.D
Acq On : 20 Feb 2020 14:13
Operator : JC/MD
Sample : L1580-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBDW7

Quant Time: Feb 21 00:52:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Feb 21 00:49:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	152079	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	140063	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45702	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.93	69	42777	3.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.40%
11) 1,1-Dichloroethene-d2	2.59	63	65864	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	4.67	46	118958	43.37	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.74%
24) Chloroform-d	5.11	84	80416	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
26) 1,2-Dichloroethane-d4	5.74	65	46544	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
32) Benzene-d6	5.76	84	178509	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.73	67	58845	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.93	98	162763	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.20	79	20368	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.66	63	99297	41.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.78%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	42324	3.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	49387	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

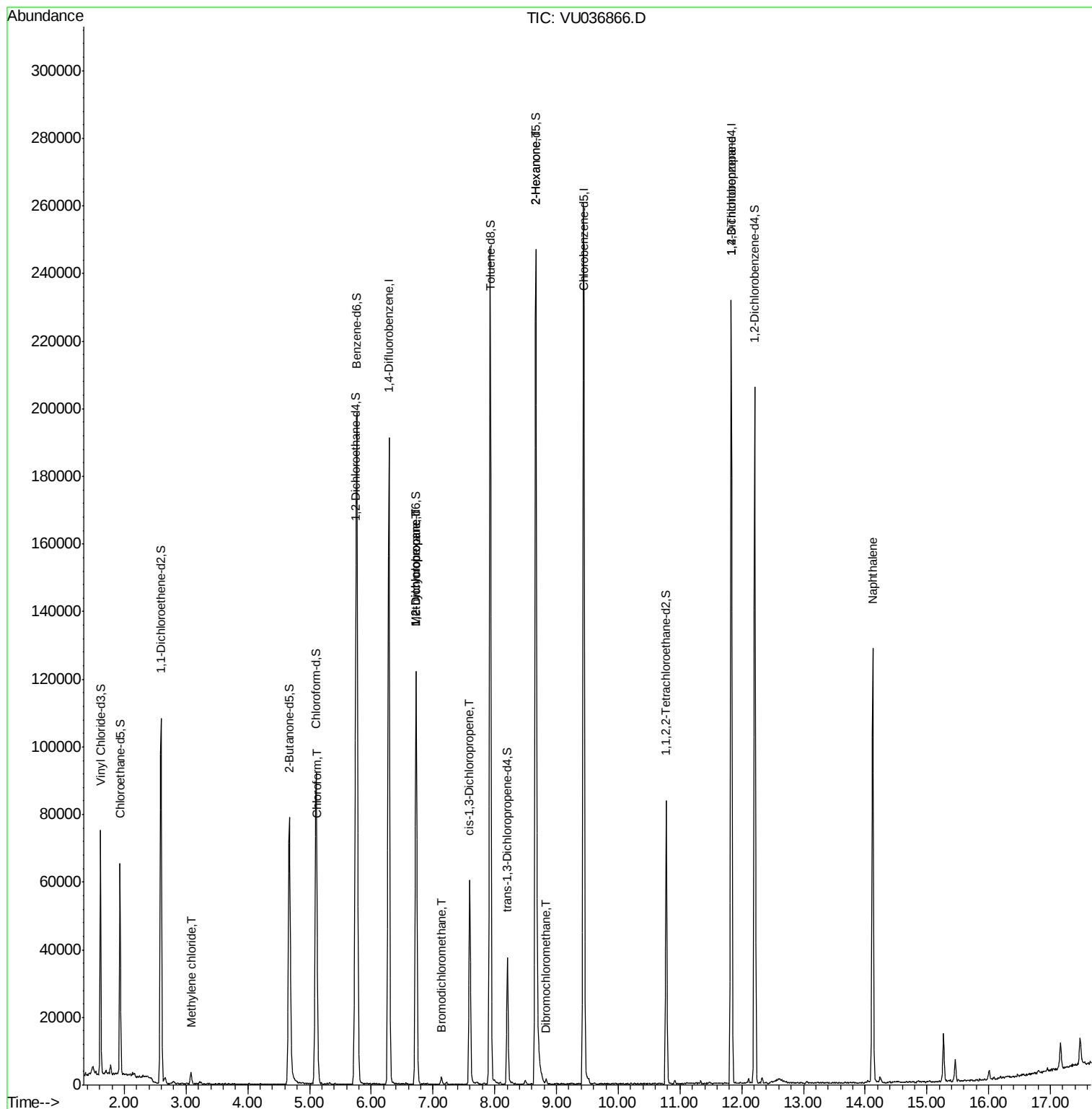
						Qvalue
16) Methylene chloride	3.08	84	1659	0.106	ug/L	98
25) Chloroform	5.13	83	5897	0.276	ug/L	98
35) Methylcyclohexane	6.72	83	12625	0.723	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	6556	0.556	ug/L #	89
38) Bromodichloromethane	7.14	83	1672	0.119	ug/L #	93
39) cis-1,3-Dichloropropene	7.60	75	1484	0.087	ug/L #	53
48) 2-Hexanone	8.66	43	13031	2.000	ug/L #	66
49) Dibromochloromethane	8.84	129	833	0.098	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	8335	1.070	ug/L	95
69) Naphthalene	14.12	128	98690	5.296	ug/L	99

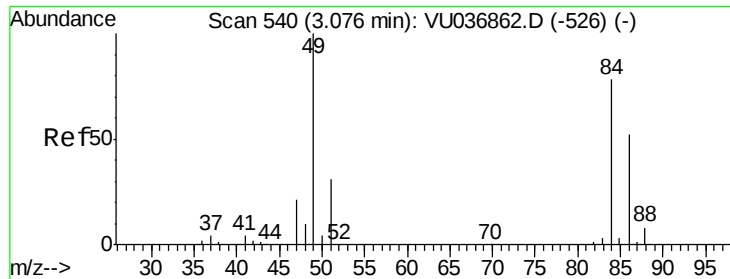
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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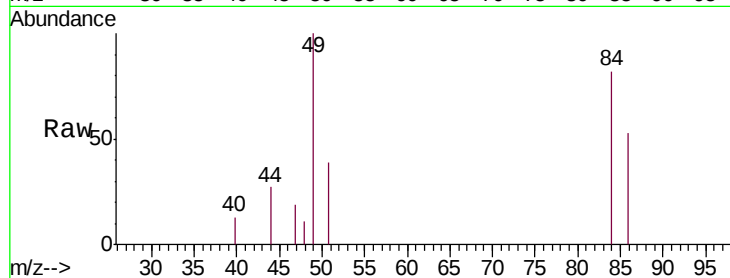




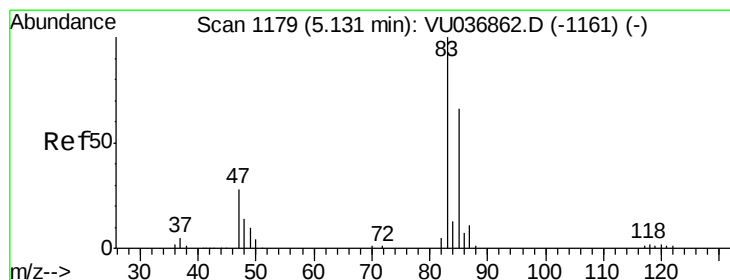
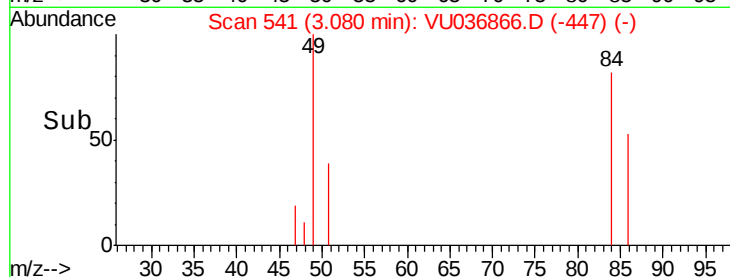
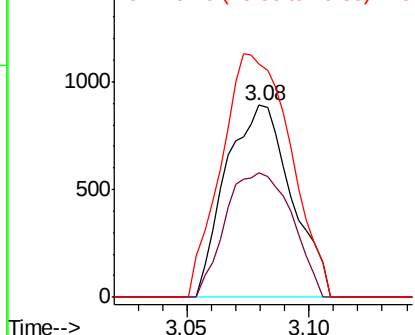
#16
Methylene chloride
Concen: 0.106 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
DBDW7

Tgt Ion: 84 Resp: 1659
Ion Ratio Lower Upper
84 100
86 64.9 44.7 82.9
49 121.5 86.7 160.9

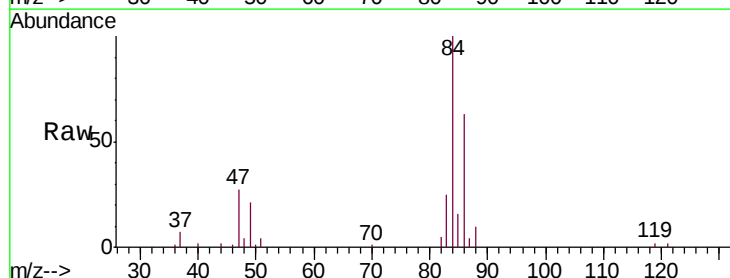


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

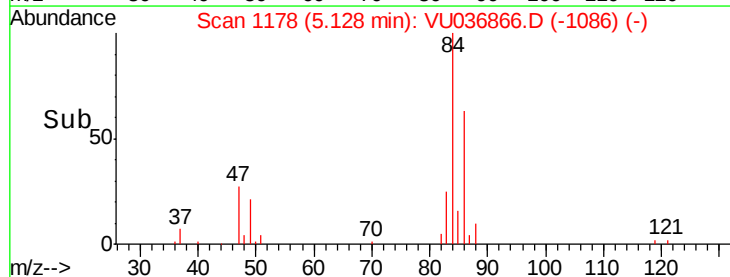
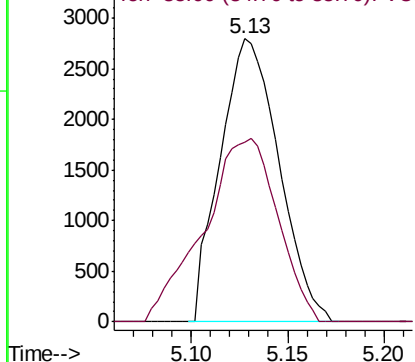


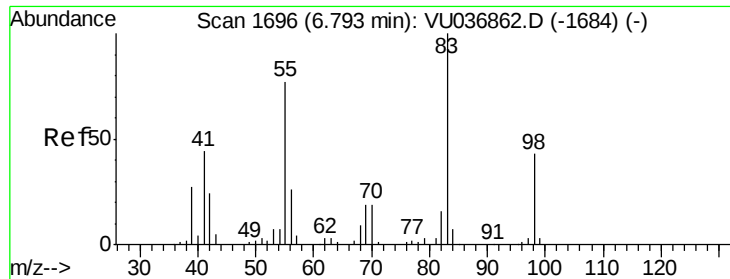
#25
Chloroform
Concen: 0.276 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

Tgt Ion: 83 Resp: 5897
Ion Ratio Lower Upper
83 100
85 63.4 45.4 84.2



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

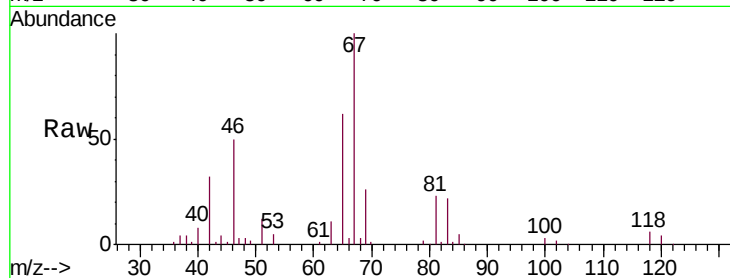




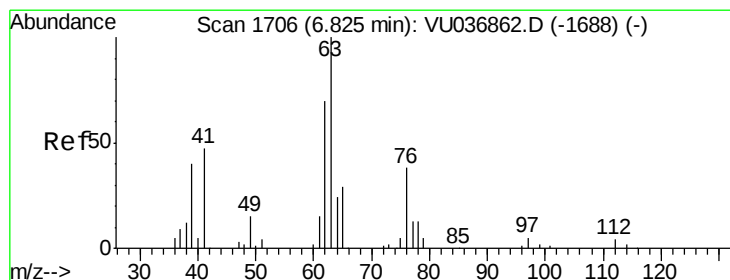
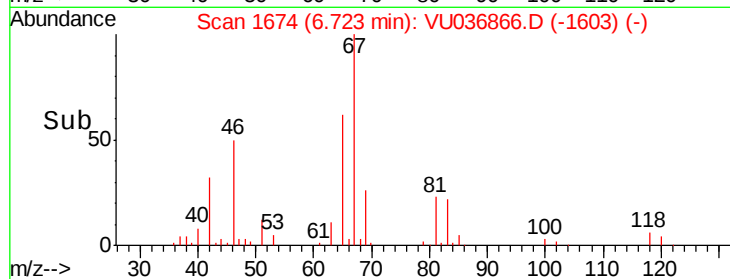
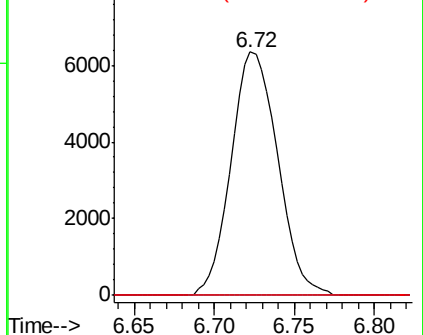
#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

Instrument :
MSVOA_U
ClientSampleId :
DBDW7

Tgt Ion: 83 Resp: 12625
Ion Ratio Lower Upper
83 100
55 0.0 61.0 91.4#
98 0.3 34.2 51.4#

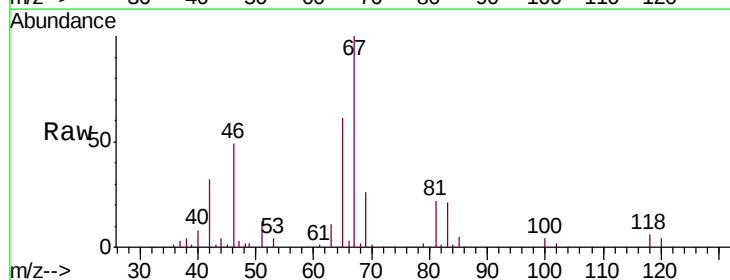


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

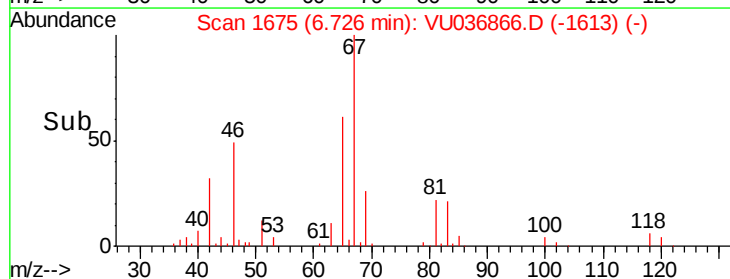
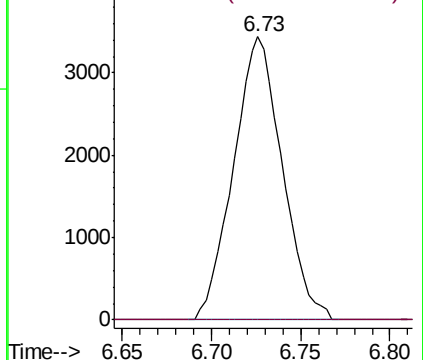


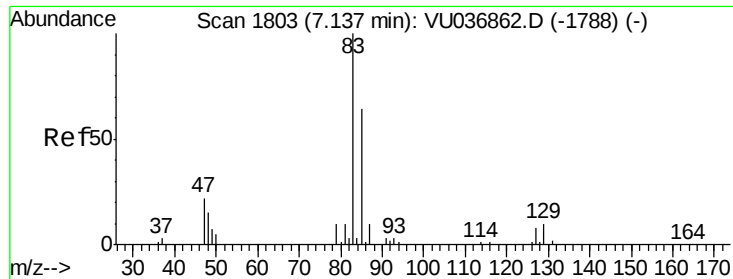
#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

Tgt Ion: 63 Resp: 6556
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



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





#38

Bromodichloromethane

Concen: 0.119 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VU036866.D

Acq: 20 Feb 2020 14:13

Instrument :

MSVOA_U

ClientSampled :

DBDW7

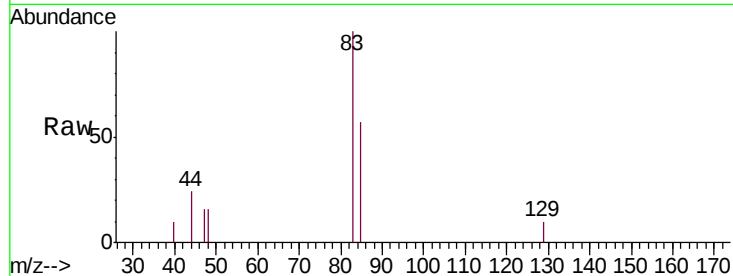
Tgt Ion: 83 Resp: 1672

Ion Ratio Lower Upper

83 100

85 57.5 43.0 80.0

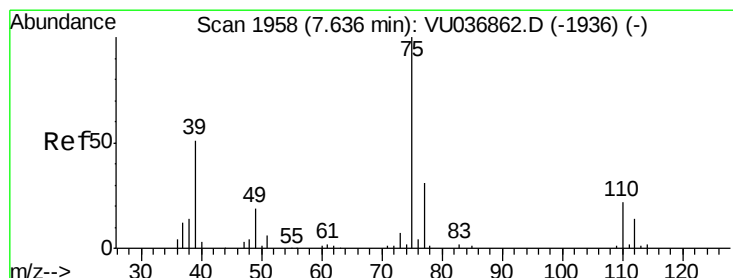
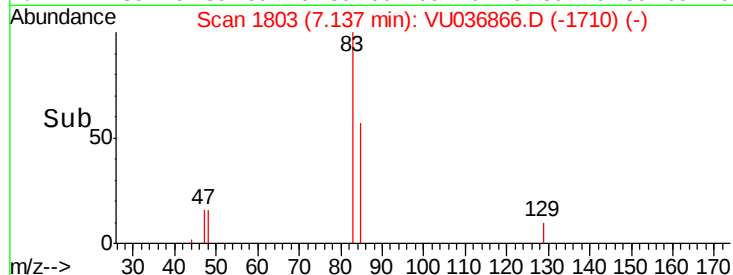
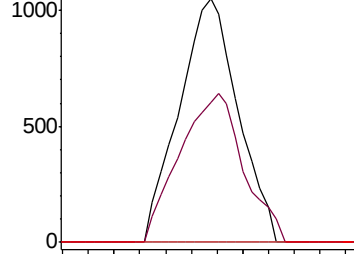
127 0.0 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VU036866.D (-1710) (-)

Ion 85.00 (84.70 to 85.70): VU036866.D (-1710) (-)

Ion 126.90 (126.60 to 127.60): VU036866.D (-1710) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.60 min Scan# 1946

Delta R.T. -0.04 min

Lab File: VU036866.D

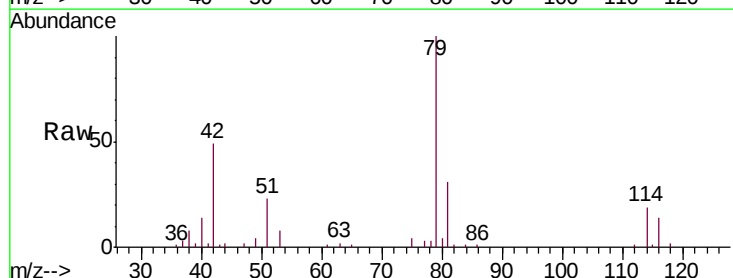
Acq: 20 Feb 2020 14:13

Tgt Ion: 75 Resp: 1484

Ion Ratio Lower Upper

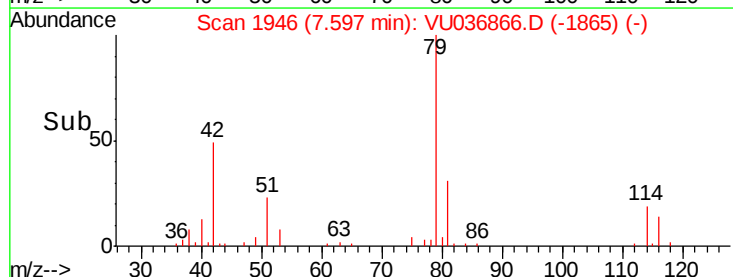
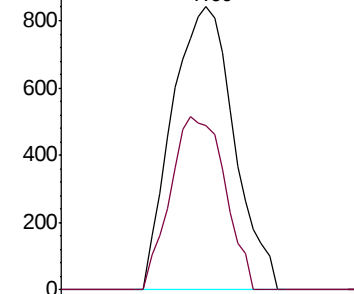
75 100

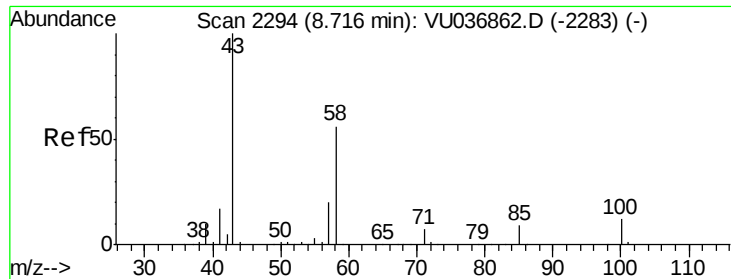
77 58.3 22.5 41.9#



Abundance Ion 75.05 (74.75 to 75.75): VU036866.D (-1865) (-)

Ion 77.05 (76.75 to 77.75): VU036866.D (-1865) (-)

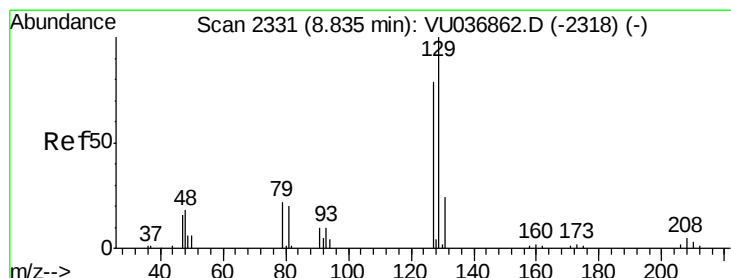
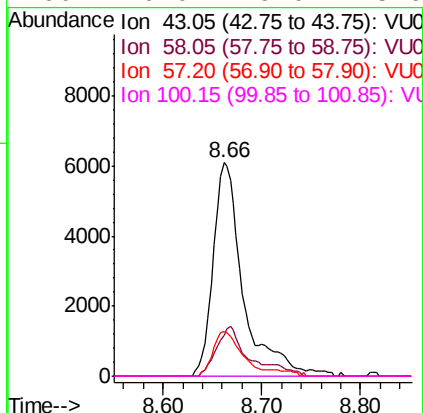
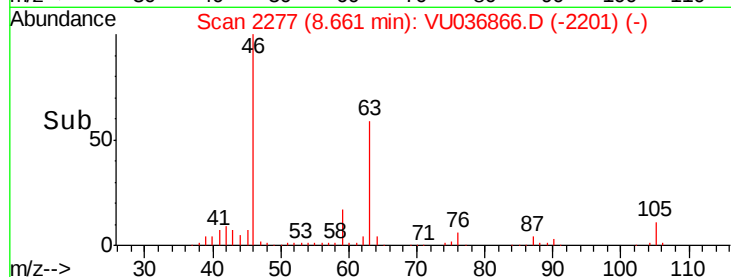
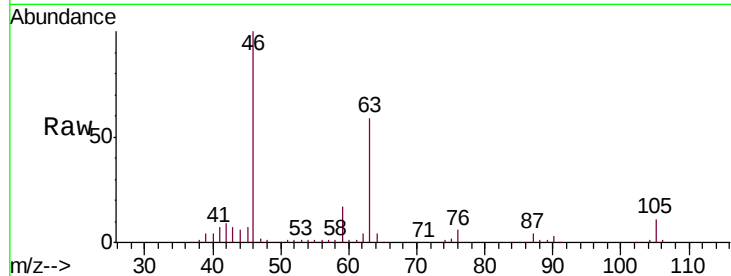




#48
2-Hexanone
Concen: 2.000 ug/L
RT: 8.66 min Scan# 2277
Delta R.T. -0.05 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

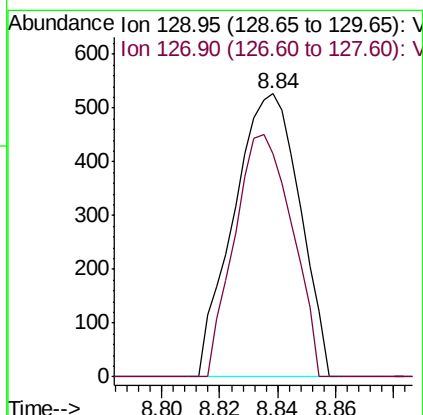
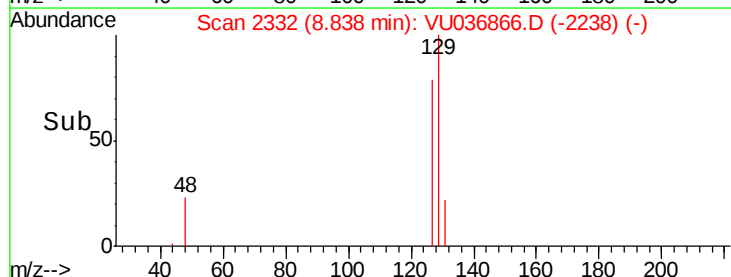
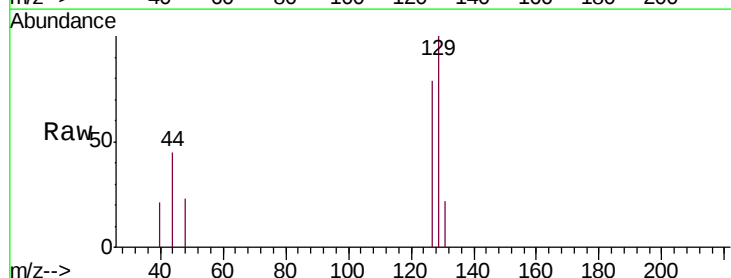
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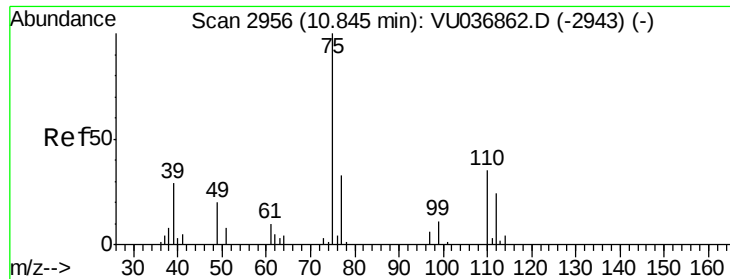
Tgt Ion: 43 Resp: 13031
Ion Ratio Lower Upper
43 100
58 21.4 43.6 65.4#
57 20.1 15.0 22.4
100 0.0 9.0 13.6#



#49
Dibromochloromethane
Concen: 0.098 ug/L
RT: 8.84 min Scan# 2332
Delta R.T. 0.00 min
Lab File: VU036866.D
Acq: 20 Feb 2020 14:13

Tgt Ion: 129 Resp: 833
Ion Ratio Lower Upper
129 100
127 78.9 56.7 105.3

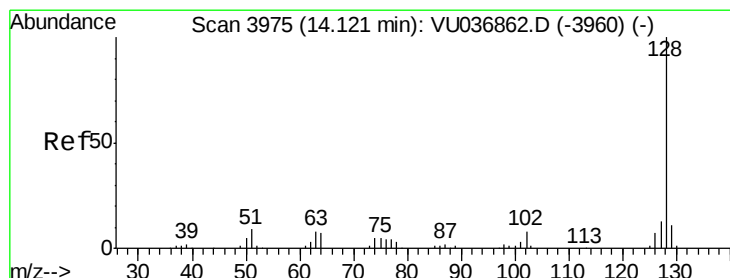
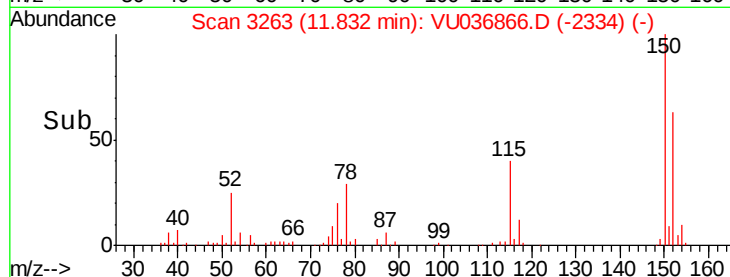
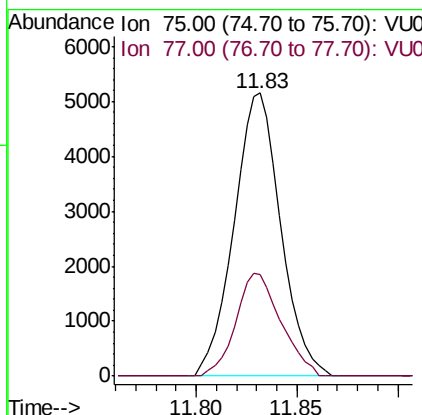
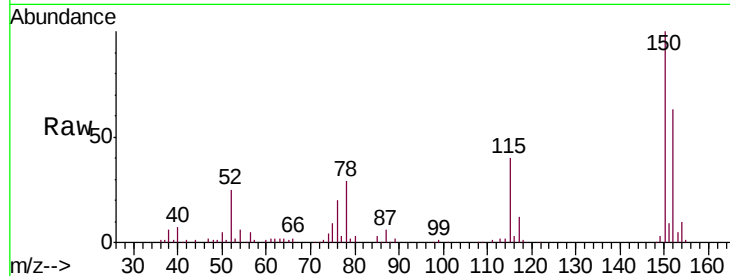




#59
 1,2,3-Trichloropropane
 Concen: 1.070 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.99 min
 Lab File: VU036866.D
 Acq: 20 Feb 2020 14:13

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Tgt Ion: 75 Resp: 8335
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.6 38.4



#69
 Naphthalene
 Concen: 5.296 ug/L
 RT: 14.12 min Scan# 3975
 Delta R.T. 0.00 min
 Lab File: VU036866.D
 Acq: 20 Feb 2020 14:13

Tgt Ion: 128 Resp: 98690
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.4
 127 13.5 10.8 16.2

