

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022120\
 Data File : VU036875.D
 Acq On : 21 Feb 2020 12:02
 Operator : JC/MD
 Sample : L1580-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 22 00:07:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 22 00:05:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	130866	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	49513	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	44773	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	42497	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.59	63	61516	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.69	46	125371	53.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	5.11	84	79930	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	46612	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.76	84	173617	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	6.73	67	56820	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	154411	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	8.21	79	20271	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.67	63	100485	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	43902	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	47310	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

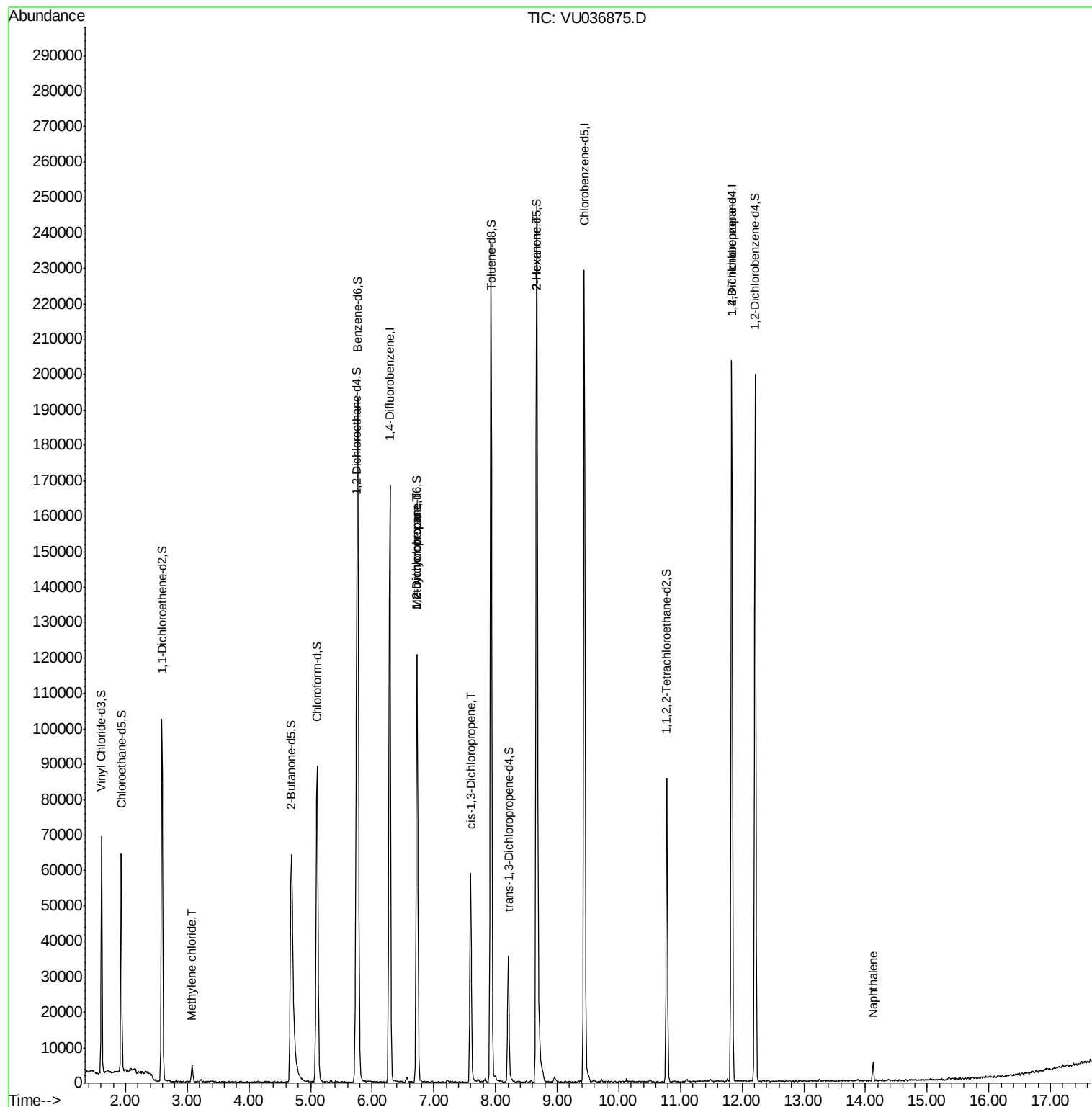
					Ovalue
16) Methylene chloride	3.08	84	2161	0.161 ug/L	90
35) Methylcyclohexane	6.73	83	12880	0.839 ug/L #	20
37) 1,2-Dichloropropane	6.73	63	6565	0.633 ug/L #	89
39) cis-1,3-Dichloropropene	7.59	75	1602	0.107 ug/L #	77
48) 2-Hexanone	8.67	43	11419	1.993 ug/L #	67
59) 1,2,3-Trichloropropane	11.83	75	7747	1.131 ug/L	96
69) Naphthalene	14.12	128	4727	0.288 ug/L #	92

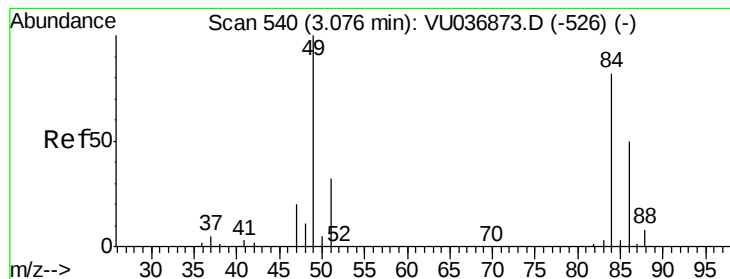
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 22 00:05:53 2020
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.161 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036875.D

Acq: 21 Feb 2020 12:02

Instrument :

MSVOA_U

ClientSampleId :

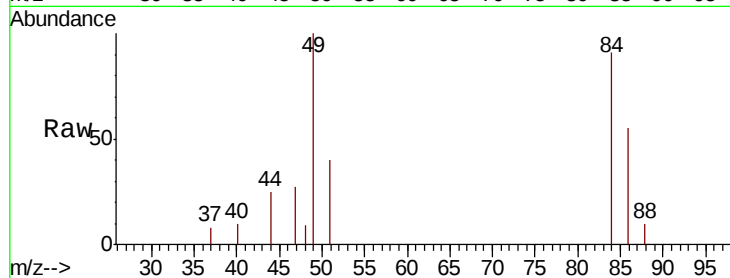
Tot Ion: 84 Resp: 2161

Ion Ratio Lower Upper

84 100

86 60.0 44.7 82.9

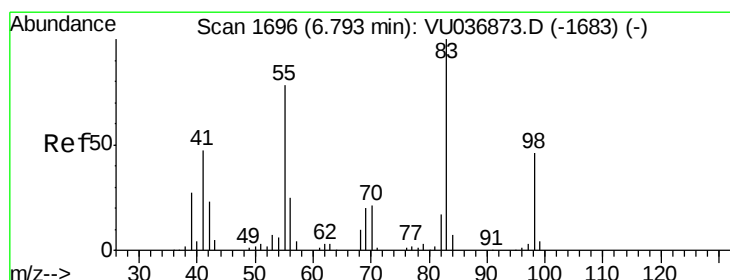
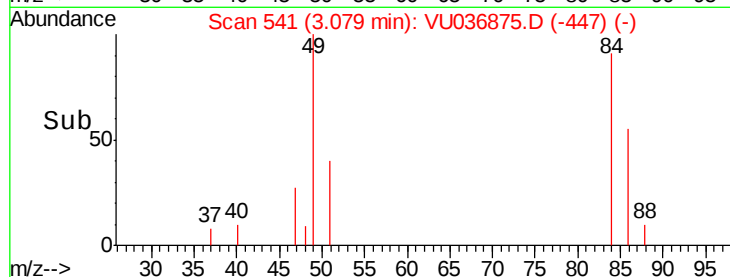
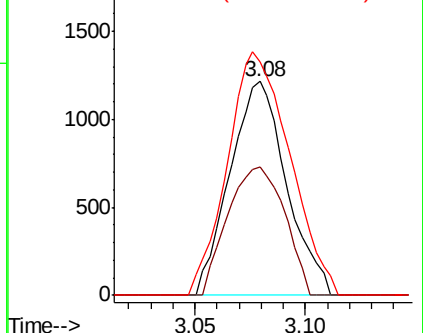
49 109.4 86.7 160.9



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



#35

Methylcyclohexane

Concen: 0.839 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.07 min

Lab File: VU036875.D

Acq: 21 Feb 2020 12:02

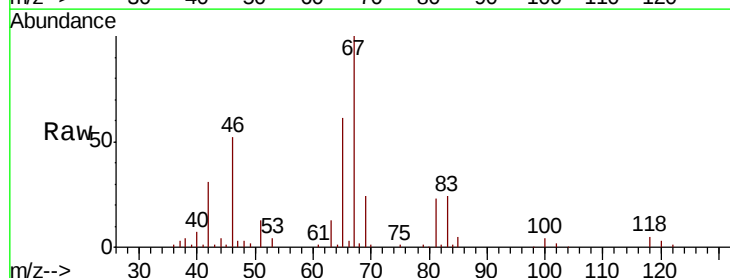
Tgt Ion: 83 Resp: 12880

Ion Ratio Lower Upper

83 100

55 0.5 61.0 91.4#

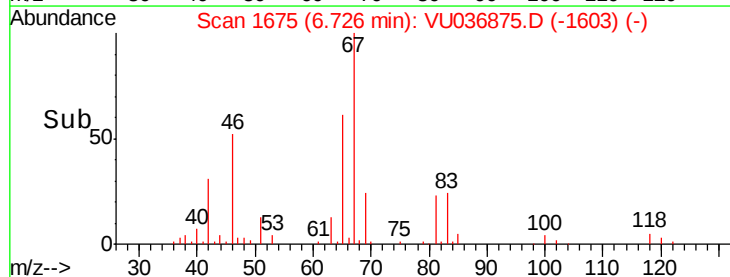
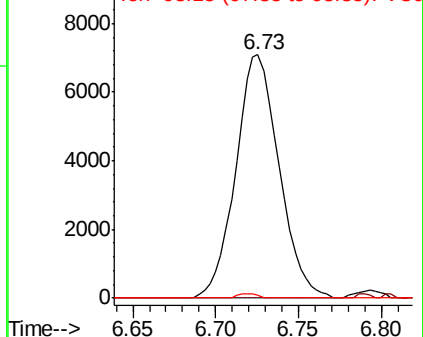
98 0.9 34.2 51.4#

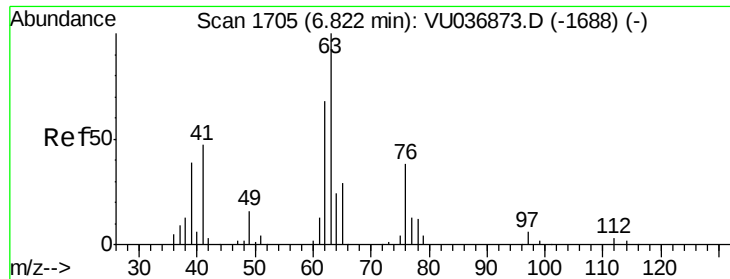


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

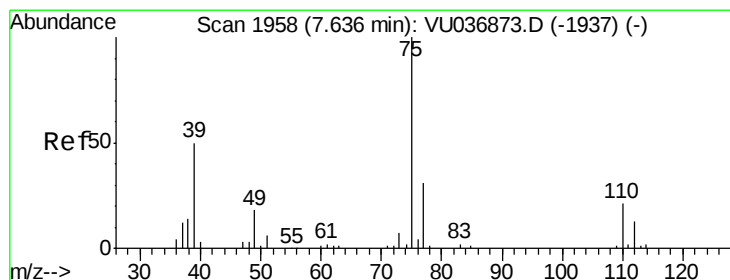
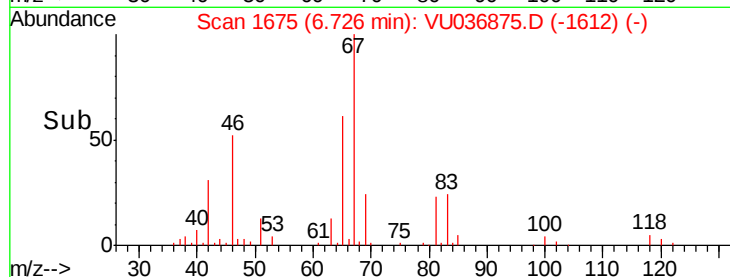
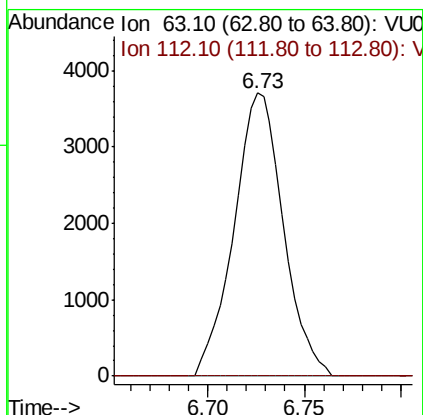
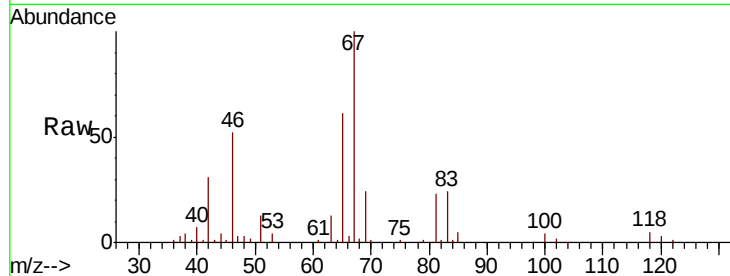




#37
 1,2-Dichloropropane
 Concen: 0.633 ug/L
 RT: 6.73 min Scan# 1675
 Delta R.T. -0.10 min
 Lab File: VU036875.D
 Acq: 21 Feb 2020 12:02

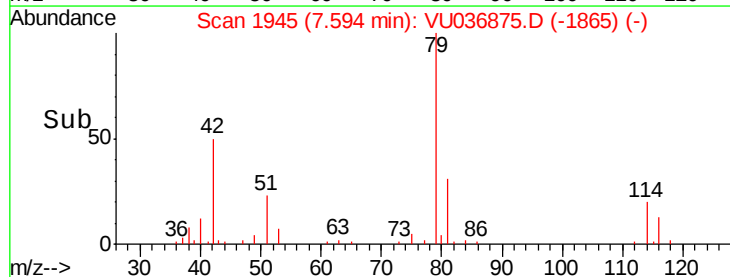
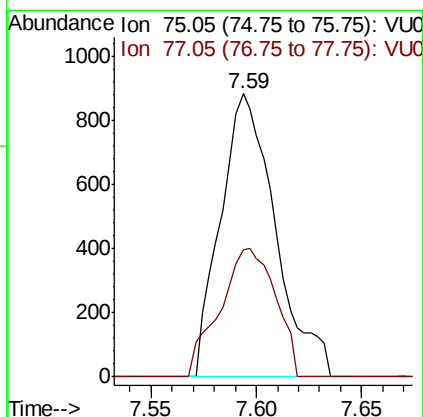
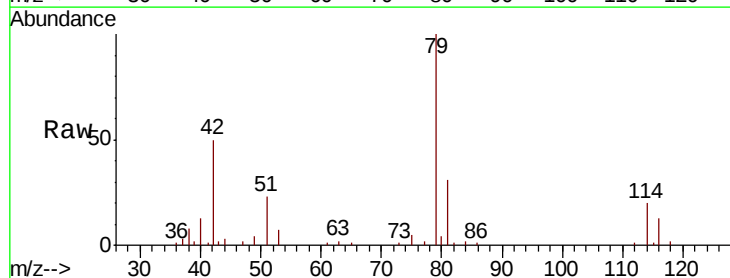
Instrument :
 MSVOA_U
 ClientSampleId :

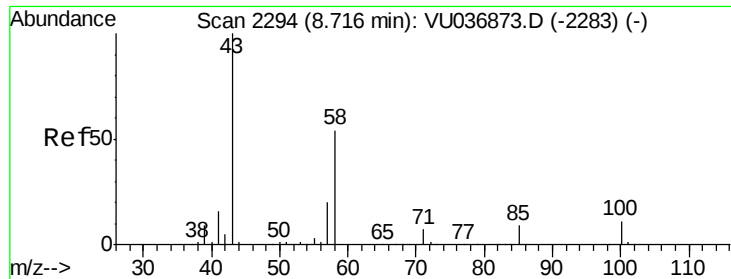
Tot Ion: 63 Resp: 6565
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU036875.D
 Acq: 21 Feb 2020 12:02

Tgt Ion: 75 Resp: 1602
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.5 41.9#

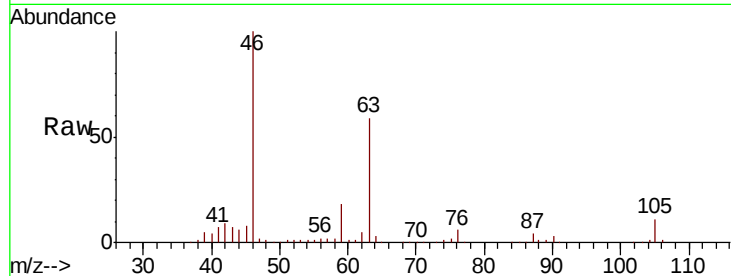




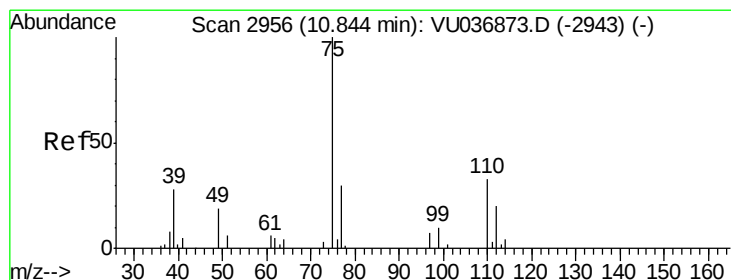
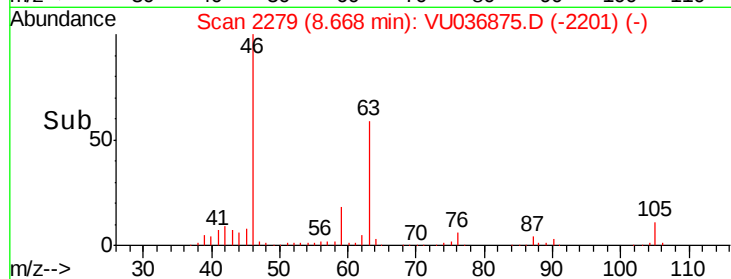
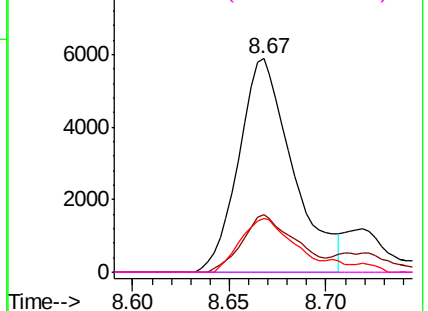
#48
2-Hexanone
Concen: 1.993 ug/L
RT: 8.67 min Scan# 2279
Delta R.T. -0.05 min
Lab File: VU036875.D
Acq: 21 Feb 2020 12:02

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11419
Ion Ratio Lower Upper
43 100
58 26.6 43.6 65.4#
57 26.7 15.0 22.4#
100 0.0 9.0 13.6#

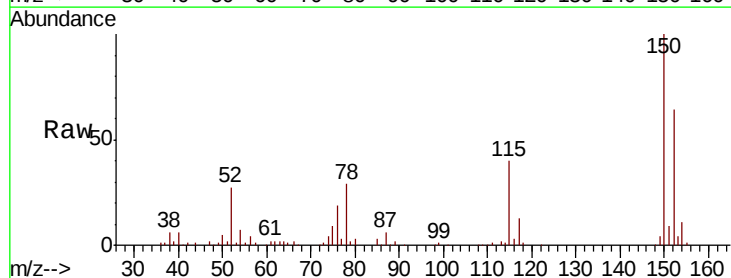


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

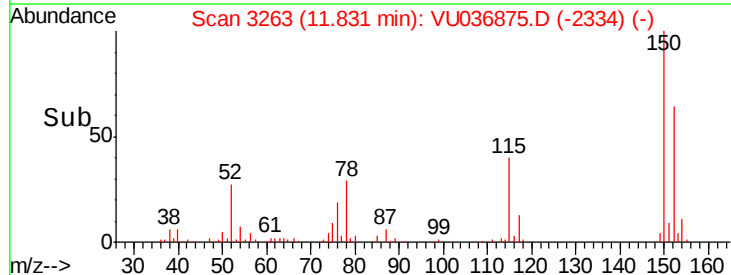
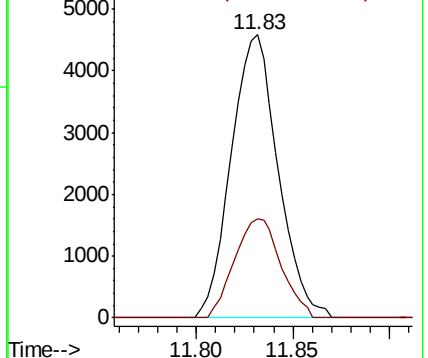


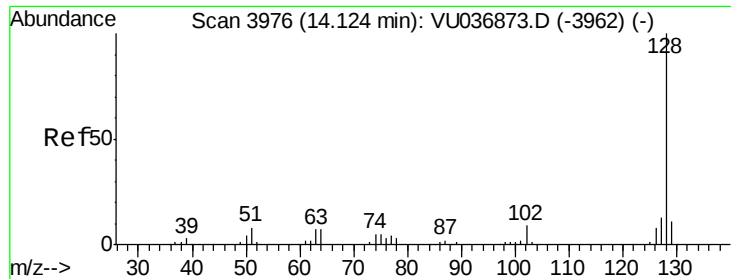
#59
1,2,3-Trichloropropane
Concen: 1.131 ug/L
RT: 11.83 min Scan# 3263
Delta R.T. 0.99 min
Lab File: VU036875.D
Acq: 21 Feb 2020 12:02

Tgt Ion: 75 Resp: 7747
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0





#69

Naphthalene

Concen: 0.288 ug/L

RT: 14.12 min Scan# 3975

Delta R.T. -0.00 min

Lab File: VU036875.D

Acq: 21 Feb 2020 12:02

Instrument :

MSVOA_U

ClientSampleId :

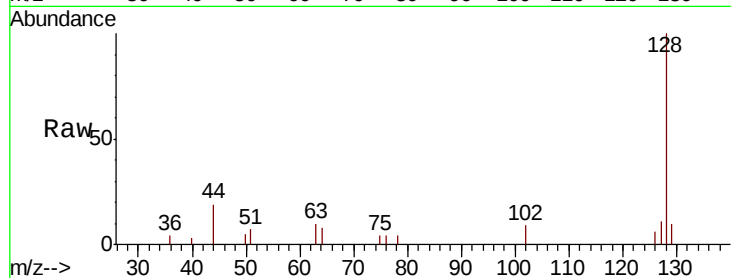
Tot Ion:128 Resp: 4727

Ion Ratio Lower Upper

128 100

129 8.6 9.0 13.4#

127 10.0 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

