

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060420\
 Data File : VU038554.D
 Acq On : 04 Jun 2020 17:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK41

Quant Time: Jun 05 01:14:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 05 01:11:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	295934	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	291639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	138391	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71046	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.93	69	64454	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	119311	3.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.20%
20) 2-Butanone-d5	4.68	46	301933	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	5.10	84	171686	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.74	65	103596	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.76	84	341036	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.72	67	107005	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.92	98	290066	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	42365	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.65	63	259100	54.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.98%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92129	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	120755	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

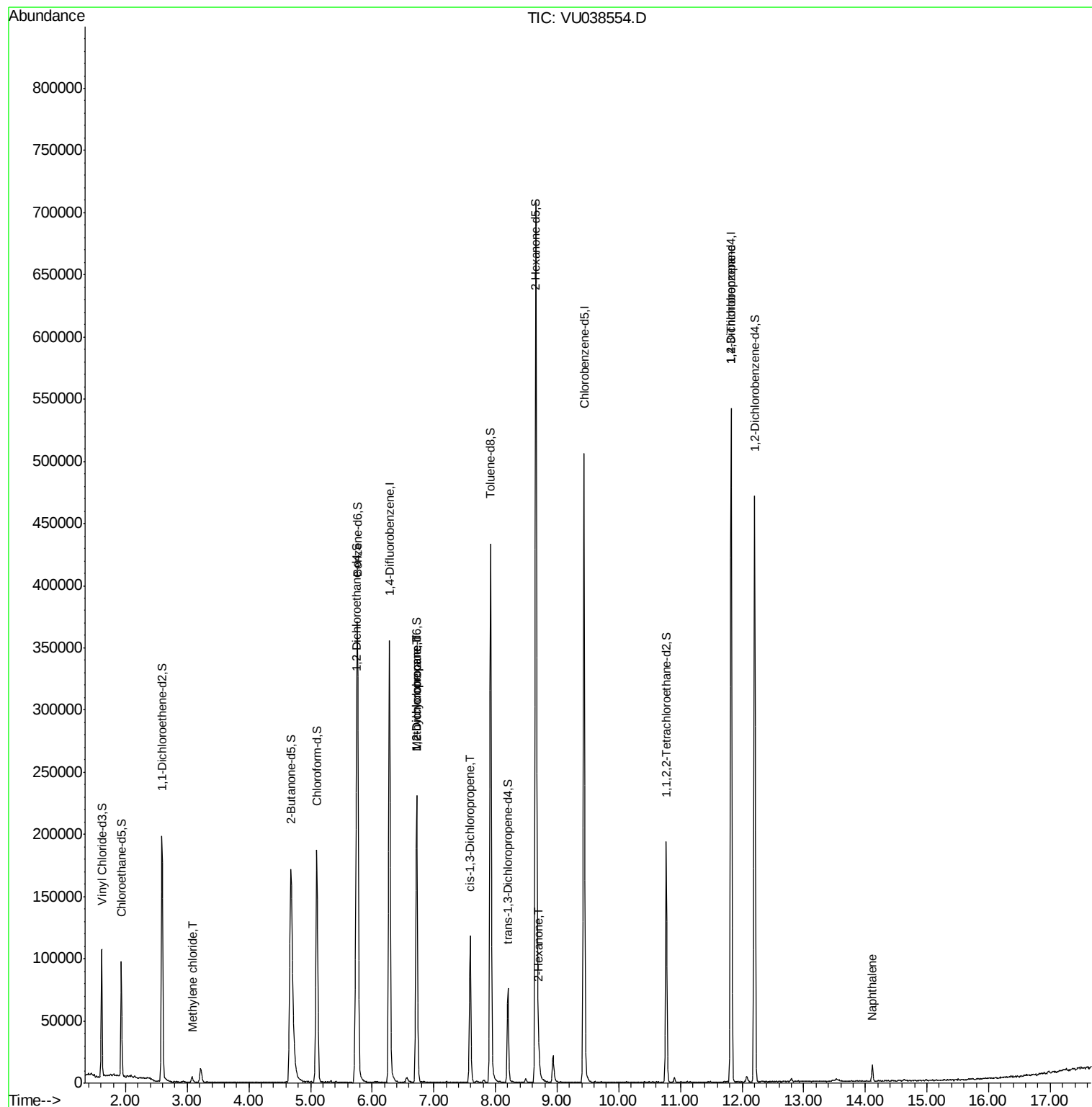
					Ovalue
16) Methylene chloride	3.08	84	2189	0.106 ug/L	83
35) Methylcyclohexane	6.72	83	25751	0.788 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	11999	0.586 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	2624	0.087 ug/L #	58
48) 2-Hexanone	8.70	43	10712	0.966 ug/L #	84
59) 1,2,3-Trichloropropane	11.83	75	17035	1.115 ug/L	89
69) Naphthalene	14.11	128	10709	0.192 ug/L	97

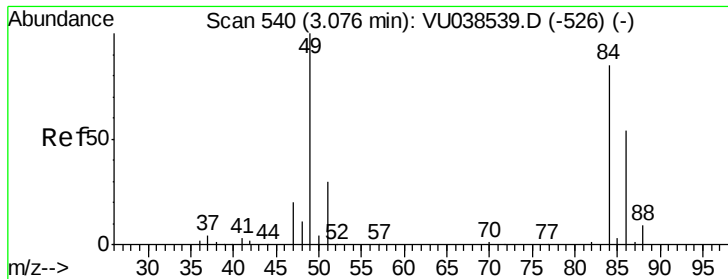
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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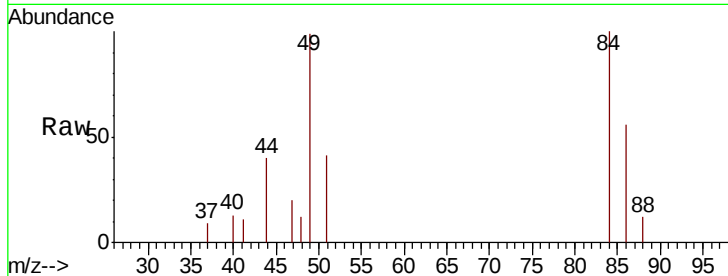




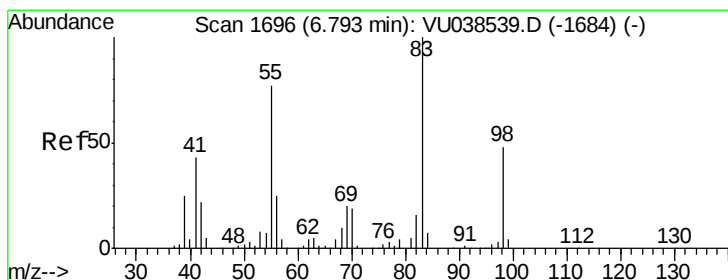
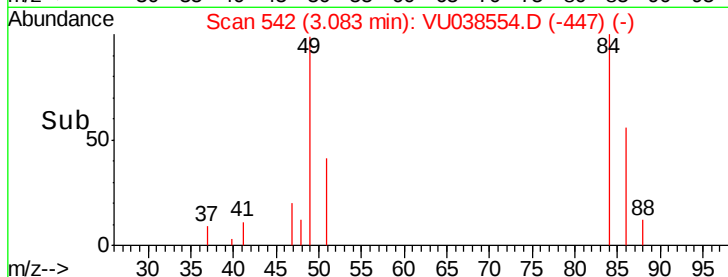
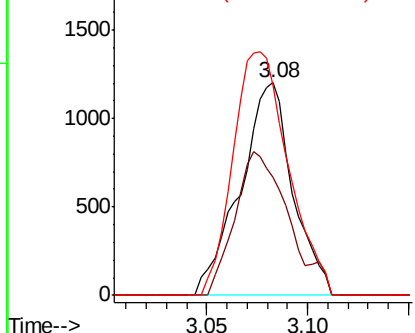
#16
Methvlene chloride
Concen: 0.106 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.01 min
Lab File: VU038554.D
Acq: 04 Jun 2020 17:14

Instrument :
MSVOA_U
ClientSampleId :
VIBLK41

Tot Ion: 84 Resp: 2189
Ion Ratio Lower Upper
84 100
86 55.6 45.0 83.6
49 99.3 85.5 158.9

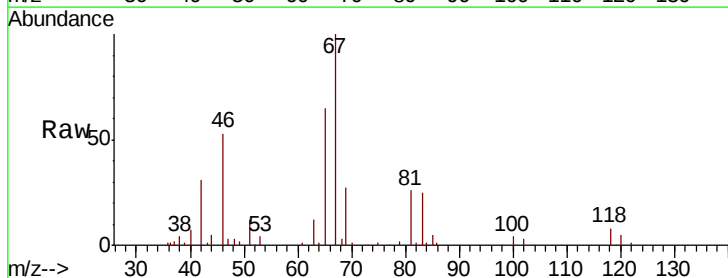


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

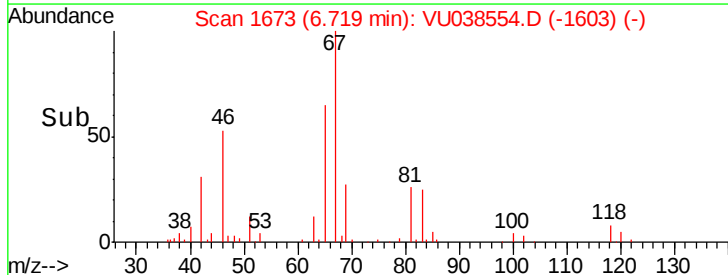
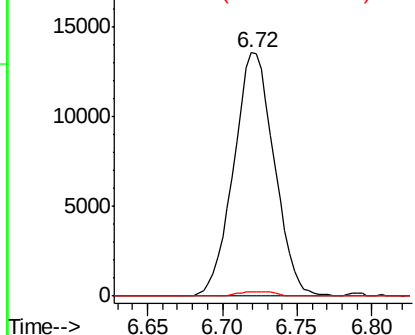


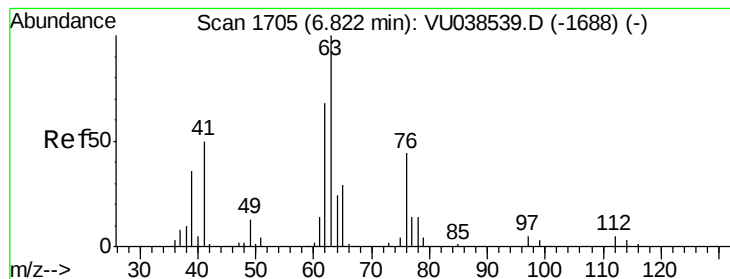
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038554.D
Acq: 04 Jun 2020 17:14

Tgt Ion: 83 Resp: 25751
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.6 39.0 58.4#



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: 0.586 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038554.D

Acq: 04 Jun 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

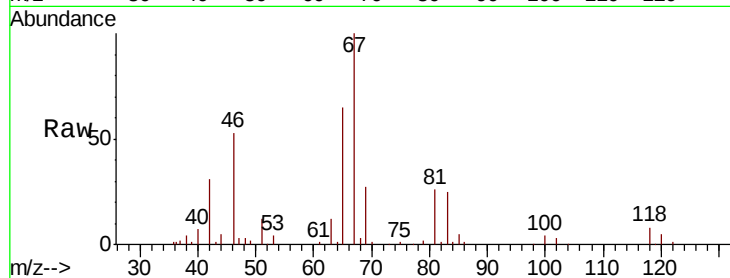
VIBLK41

Tot Ion: 63 Resp: 11999

Ion Ratio Lower Upper

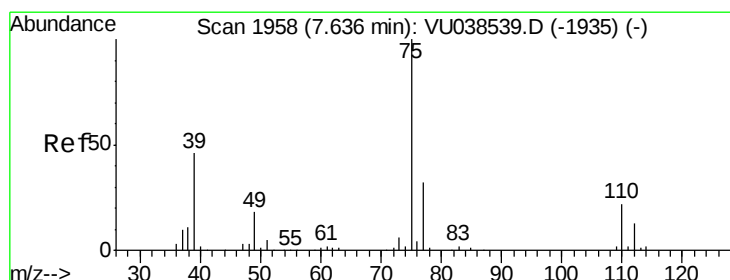
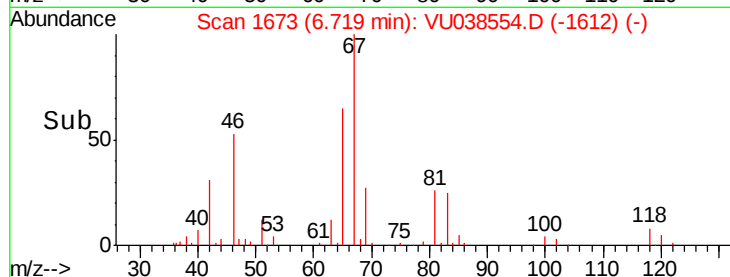
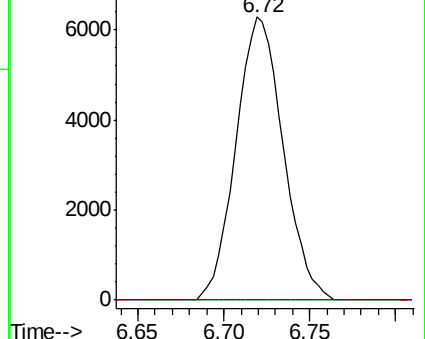
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038539.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038539.D (-1688) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038554.D

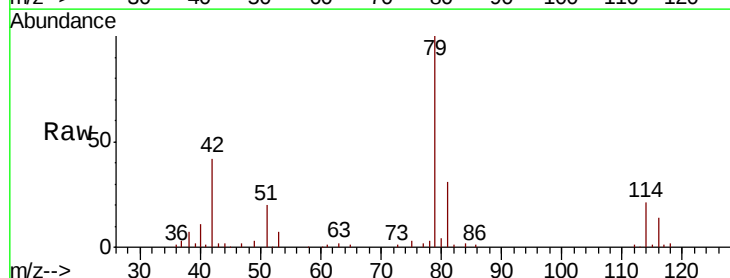
Acq: 04 Jun 2020 17:14

Tgt Ion: 75 Resp: 2624

Ion Ratio Lower Upper

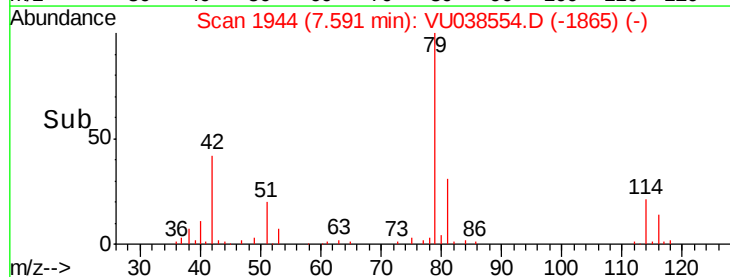
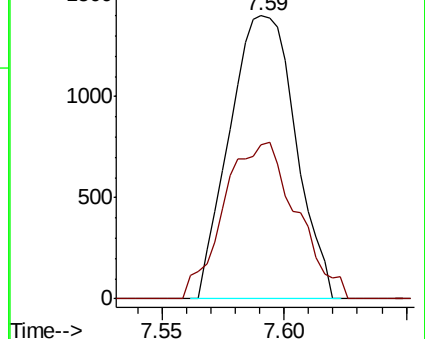
75 100

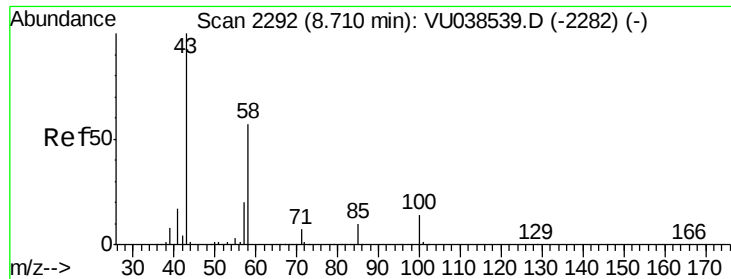
77 54.6 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038539.D (-1935) (-)

Ion 77.05 (76.75 to 77.75): VU038539.D (-1935) (-)

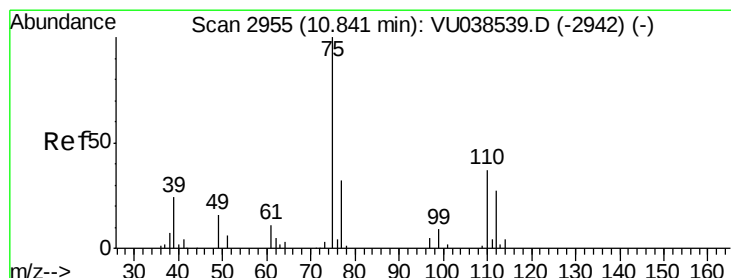
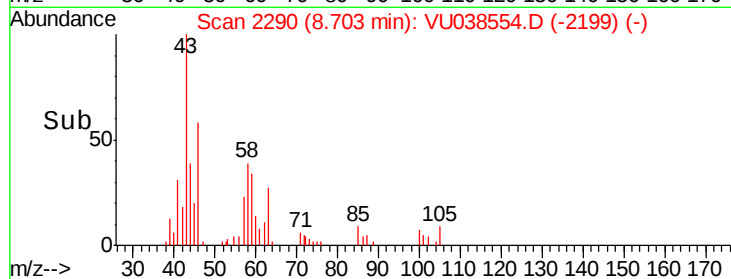
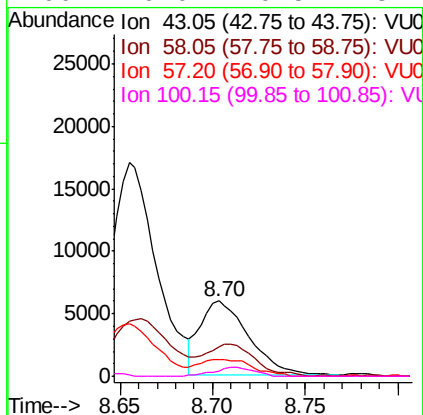
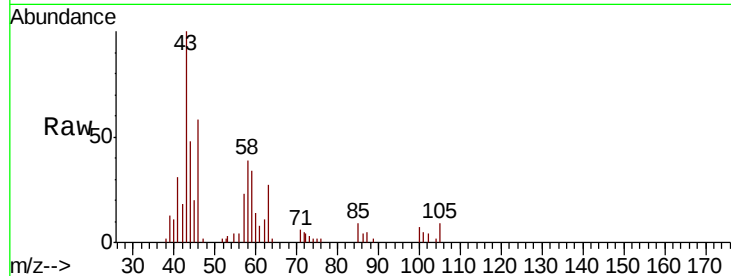




#48
2-Hexanone
Concen: 0.966 ug/L
RT: 8.70 min Scan# 2290
Delta R.T. -0.01 min
Lab File: VU038554.D
Acq: 04 Jun 2020 17:14

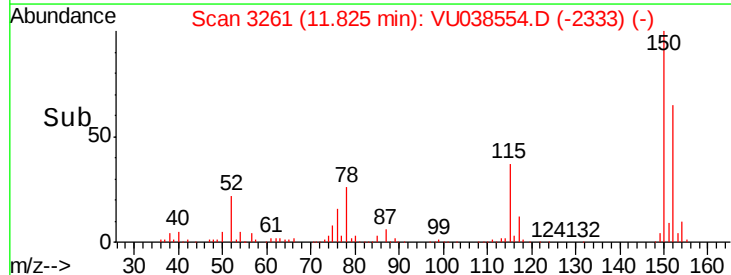
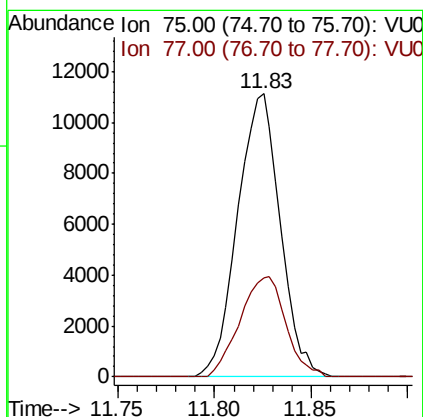
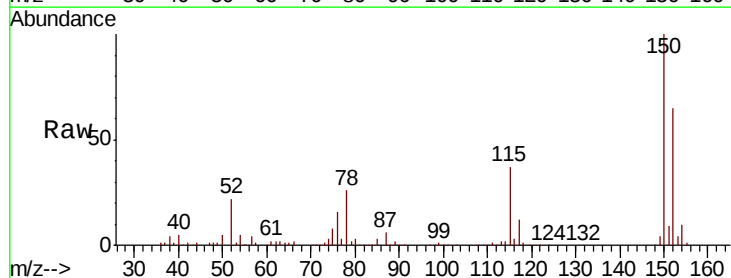
Instrument :
MSVOA_U
ClientSampled :
VIBLK41

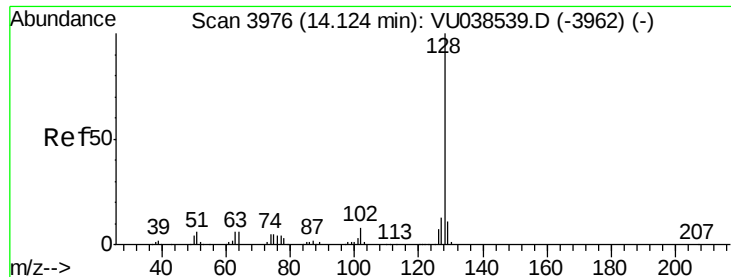
Tot Ion: 43 Resp: 10712
Ion Ratio Lower Upper
43 100
58 43.5 45.4 68.0#
57 26.7 15.9 23.9#
100 10.0 10.5 15.7#



#59
1,2,3-Trichloropropane
Concen: 1.115 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038554.D
Acq: 04 Jun 2020 17:14

Tgt Ion: 75 Resp: 17035
Ion Ratio Lower Upper
75 100
77 38.1 25.4 38.2





#69

Naphthalene

Concen: 0.192 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038554.D

Acq: 04 Jun 2020 17:14

Instrument :

MSVOA_U

ClientSampleId :

VIBLK41

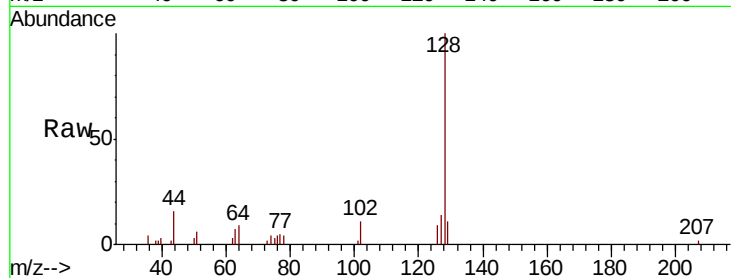
Tot Ion:128 Resp: 10709

Ion Ratio Lower Upper

128 100

129 9.8 8.9 13.3

127 13.7 10.2 15.4



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

