

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061520\
 Data File : VU038893.D
 Acq On : 15 Jun 2020 15:46
 Operator : SY/MD
 Sample : VU0615WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

Quant Time: Jun 16 01:59:16 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	274485	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	279697	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	63666	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.93	69	70088	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.59	63	109328	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.67	46	189292	38.24	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.48%
24) Chloroform-d	5.10	84	156726	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.74	65	93614	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.76	84	303815	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	93036	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	254585	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.20	79	38247	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.66	63	192917	45.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	89325	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	103687	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

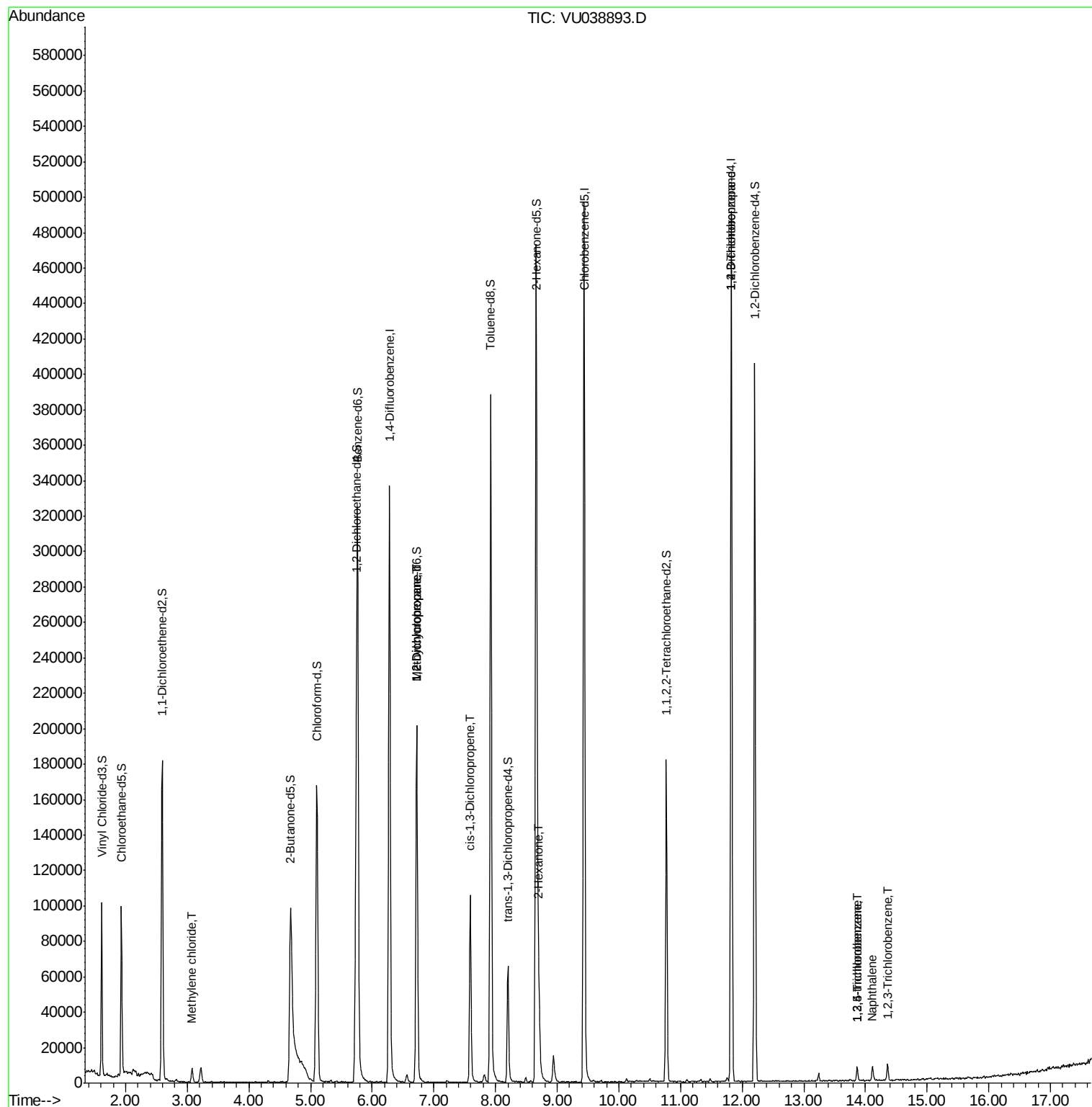
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.08	84	3486	0.156	ug/L	87
35) Methylcyclohexane	6.72	83	22832	0.706	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	10681	0.498	ug/L #	85
39) cis-1,3-Dichloropropene	7.60	75	2615	0.085	ug/L #	61
48) 2-Hexanone	8.71	43	13162	1.135	ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	16831	1.019	ug/L	94
67) 1,3,5-Trichlorobenzene	13.87	180	2625	0.087	ug/L	92
68) 1,2,4-Trichlorobenzene	13.87	180	2625	0.103	ug/L	91
69) Naphthalene	14.11	128	7541	0.158	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.36	180	2915	0.123	ug/L	98

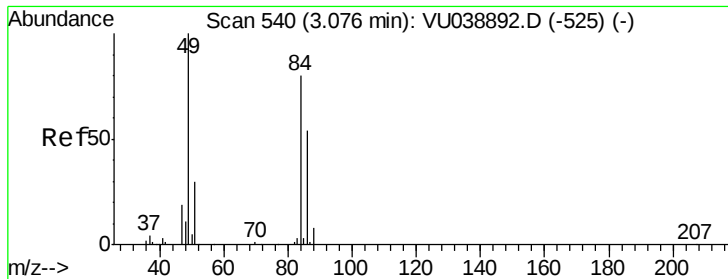
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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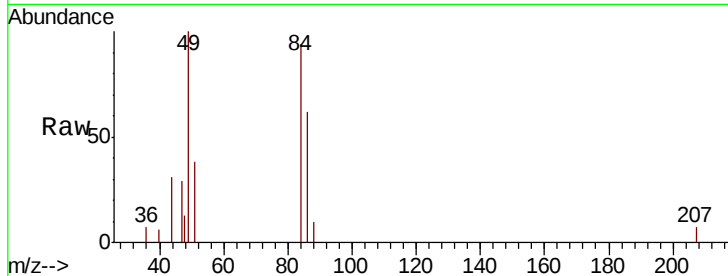




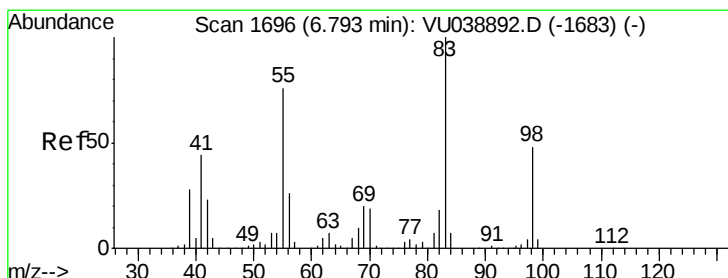
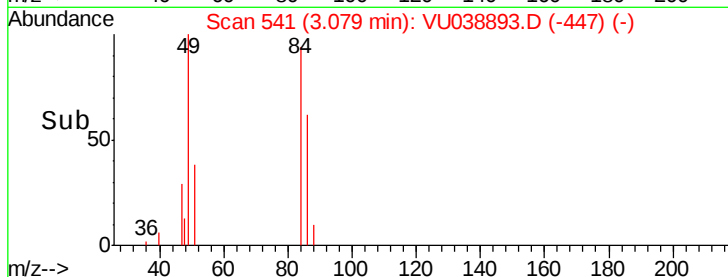
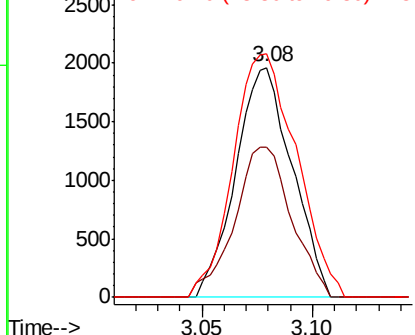
#16
Methvlene chloride
Concen: 0.156 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038893.D
Acq: 15 Jun 2020 15:46

Instrument :
MSVOA_U
ClientSampled :
VBLK11

Tot Ion: 84 Resp: 3486
Ion Ratio Lower Upper
84 100
86 65.2 47.9 89.1
49 105.9 88.4 164.2

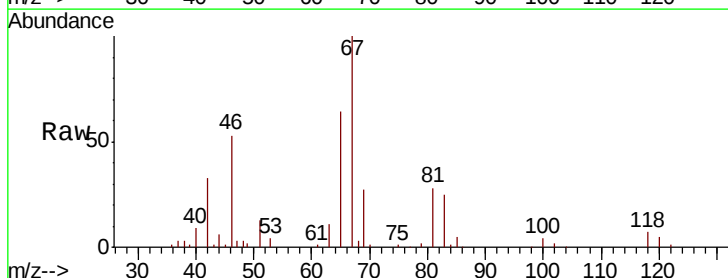


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

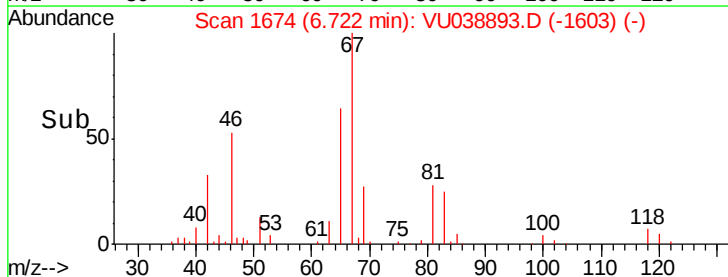
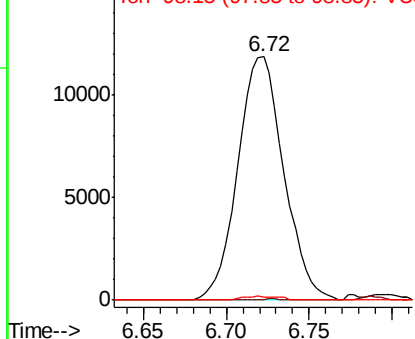


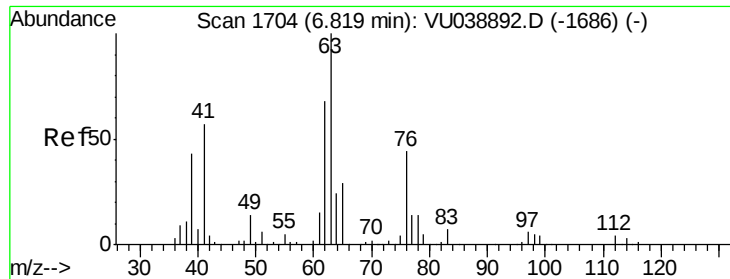
#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038893.D
Acq: 15 Jun 2020 15:46

Tgt Ion: 83 Resp: 22832
Ion Ratio Lower Upper
83 100
55 0.2 63.6 95.4#
98 0.7 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

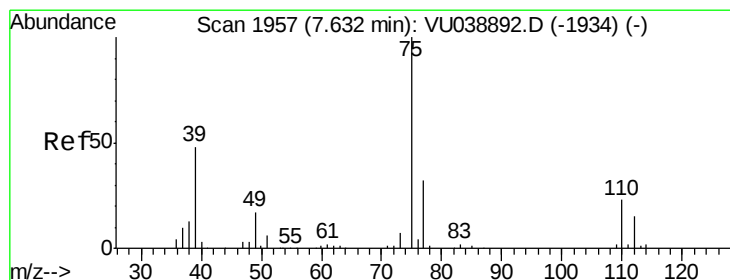
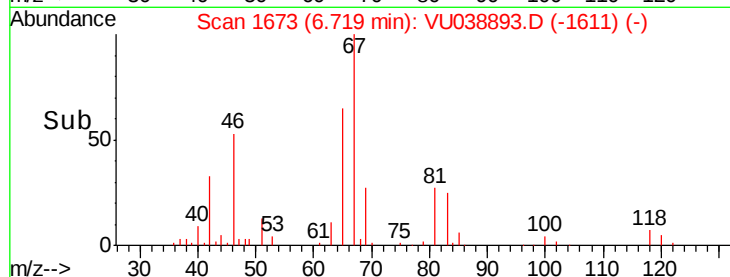
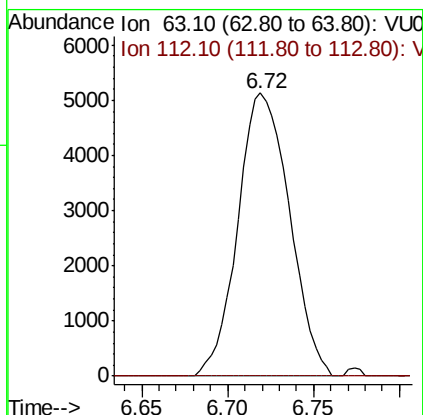
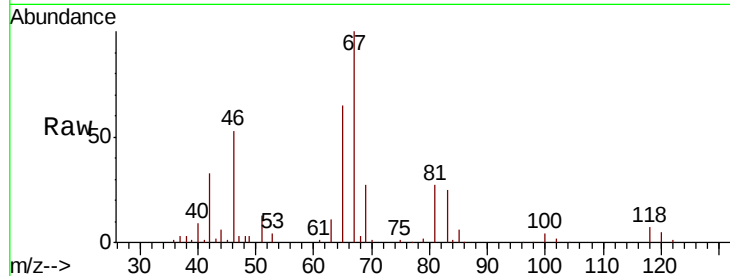




#37
 1,2-Dichloropropane
 Concen: 0.498 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

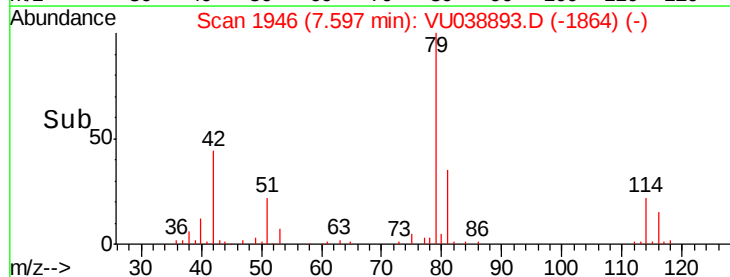
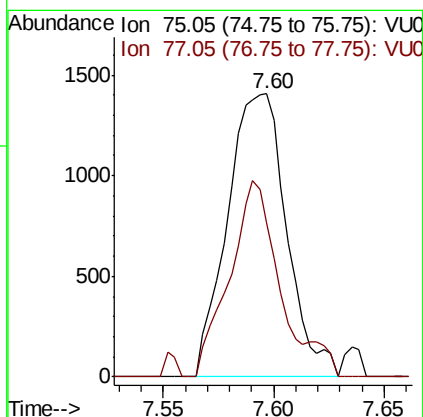
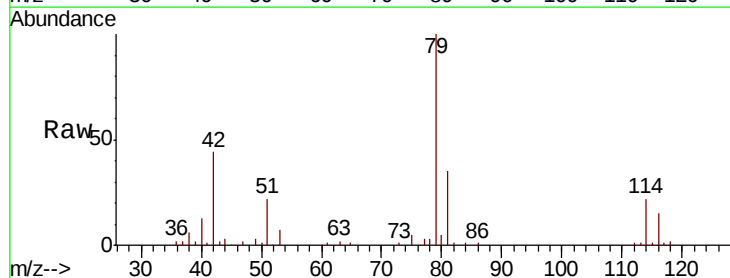
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

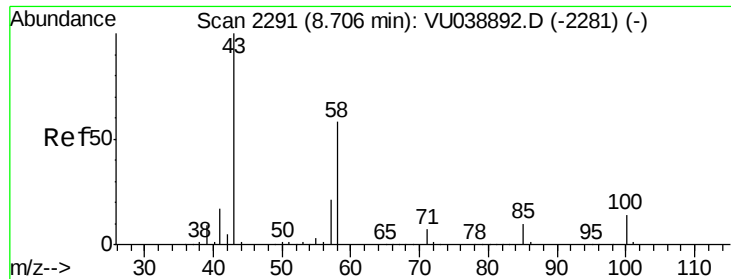
Tot Ion: 63 Resp: 10681
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.60 min Scan# 1946
 Delta R.T. -0.04 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

Tgt Ion: 75 Resp: 2615
 Ion Ratio Lower Upper
 75 100
 77 54.5 23.0 42.6#

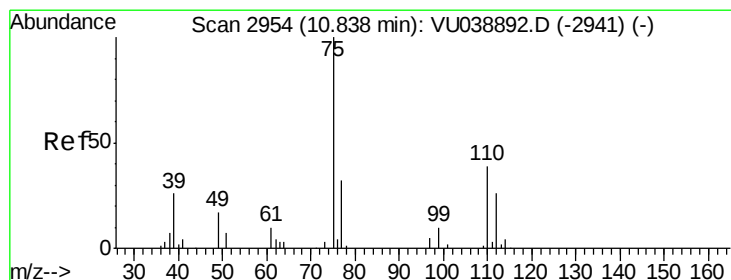
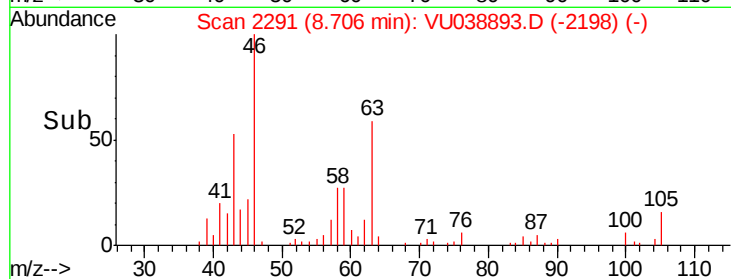
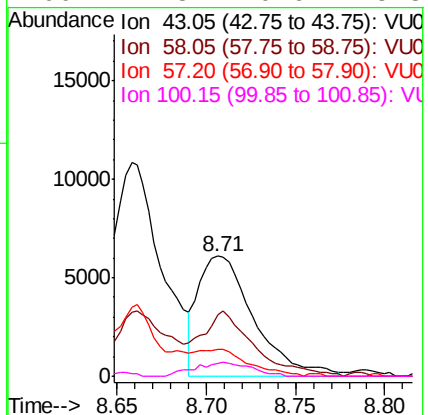
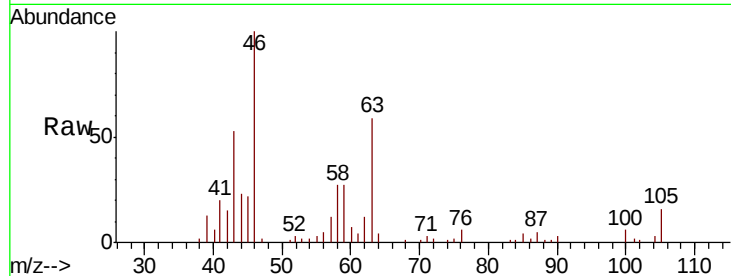




#48
 2-Hexanone
 Concen: 1.135 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

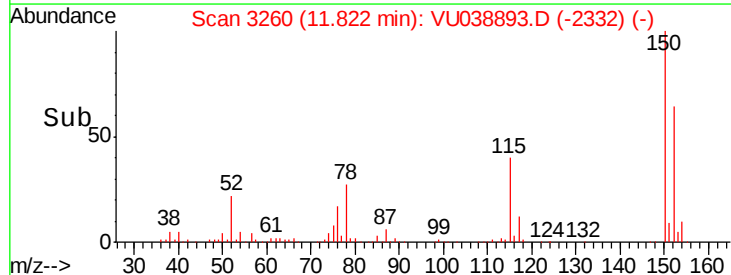
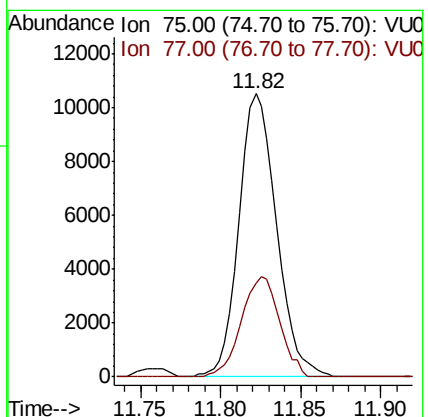
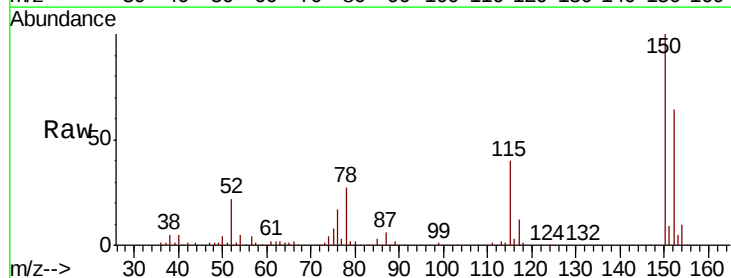
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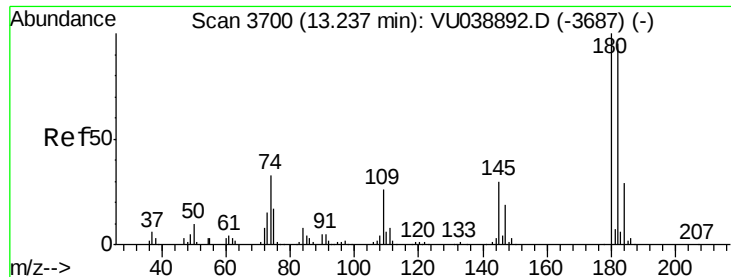
Tot Ion: 43 Resp: 13162
 Ion Ratio Lower Upper
 43 100
 58 52.8 45.4 68.2
 57 0.0 16.4 24.6#
 100 11.8 10.6 15.8



#59
 1,2,3-Trichloropropane
 Concen: 1.019 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

Tgt Ion: 75 Resp: 16831
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.9 38.9

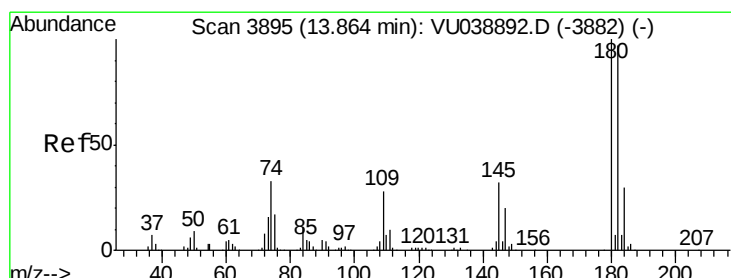
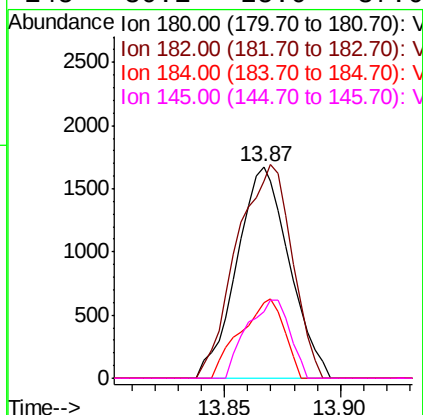
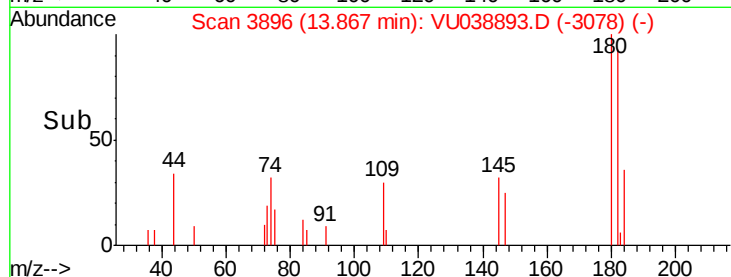
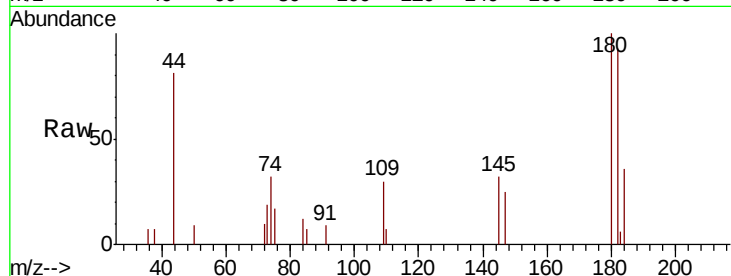




#67
 1,3,5-Trichlorobenzene
 Concen: 0.087 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.63 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

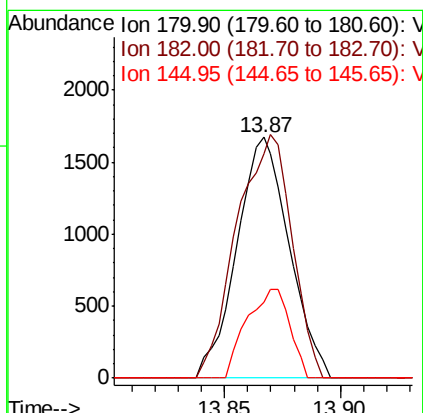
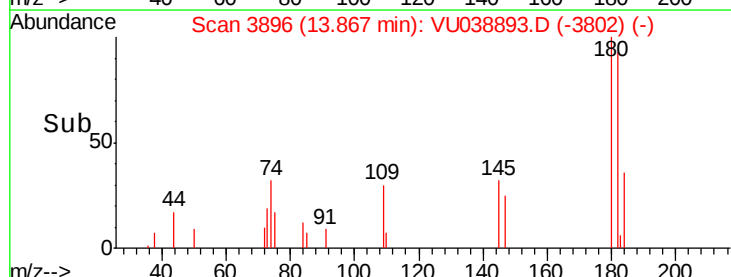
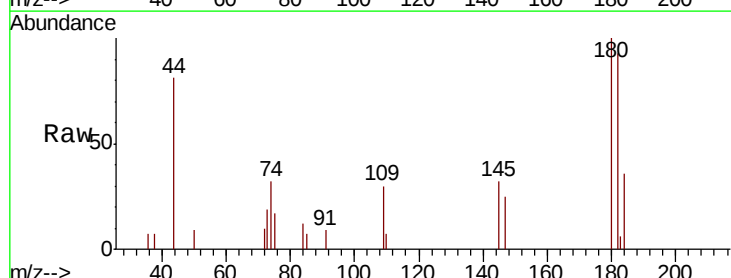
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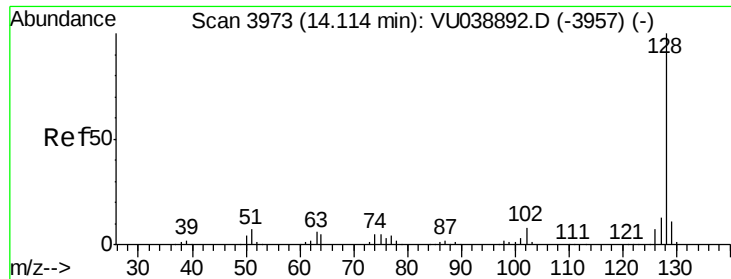
Tot Ion:180 Resp: 2625
 Ion Ratio Lower Upper
 180 100
 182 106.4 75.8 113.6
 184 31.4 24.6 36.8
 145 30.1 25.0 37.6



#68
 1,2,4-trichlorobenzene
 Concen: 0.103 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038893.D
 Acq: 15 Jun 2020 15:46

Tgt Ion:180 Resp: 2625
 Ion Ratio Lower Upper
 180 100
 182 106.4 75.9 113.9
 145 30.1 24.7 37.1





#69

Naphthalene

Concen: 0.158 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.00 min

Lab File: VU038893.D

Acq: 15 Jun 2020 15:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

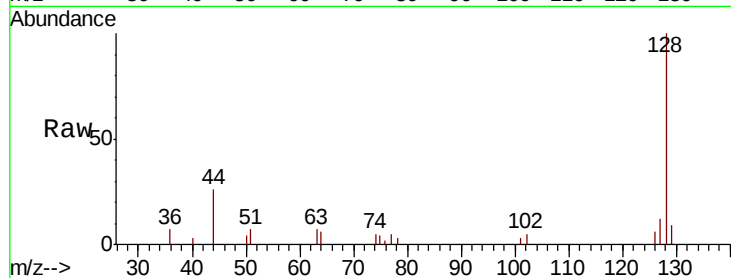
Tot Ion:128 Resp: 7541

Ion Ratio Lower Upper

128 100

129 6.1 8.2 12.4#

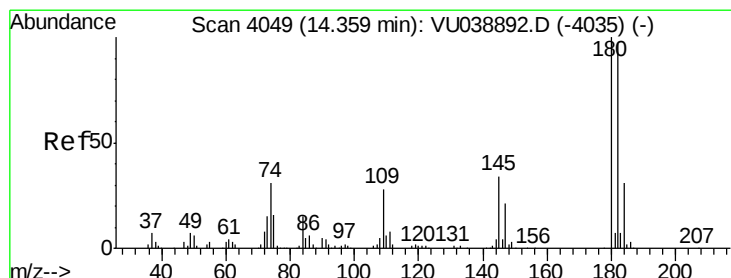
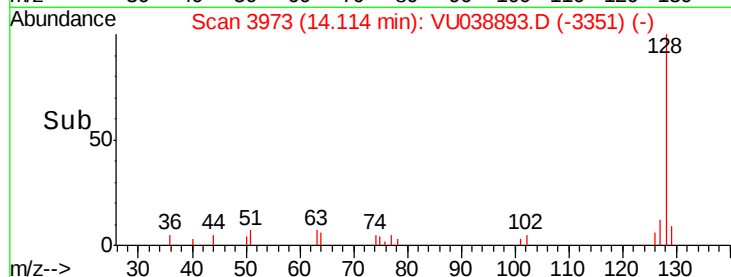
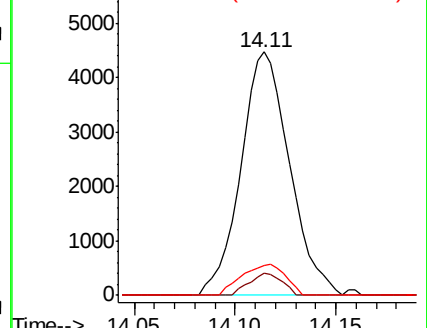
127 11.5 10.1 15.1



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



#70

1,2,3-Trichlorobenzene

Concen: 0.123 ug/L

RT: 14.36 min Scan# 4049

Delta R.T. -0.00 min

Lab File: VU038893.D

Acq: 15 Jun 2020 15:46

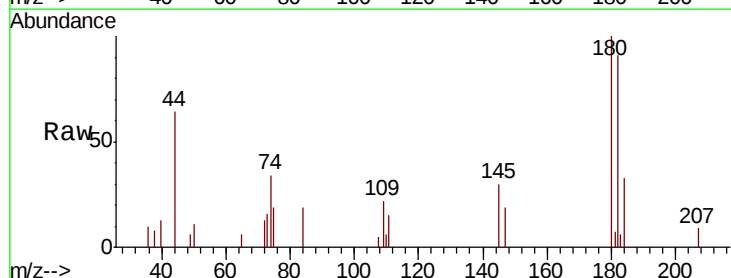
Tgt Ion:180 Resp: 2915

Ion Ratio Lower Upper

180 100

182 96.0 75.1 112.7

145 34.9 26.8 40.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

