

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038815.D
 Acq On : 11 Jun 2020 10:46
 Operator : SY/MD
 Sample : VU0612WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK08

Quant Time: Jun 12 01:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	321788	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	315094	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	104472	5.02	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.40%
7) Chloroethane-d5	1.93	69	84623	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.59	63	158775	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.69	46	379534	59.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.98%
24) Chloroform-d	5.10	84	212994	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
26) 1,2-Dichloroethane-d4	5.74	65	129394	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.76	84	421944	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.72	67	129507	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.92	98	354977	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	8.20	79	54437	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	8.65	63	316205	61.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.10%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111793	5.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	144728	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

Target Compounds

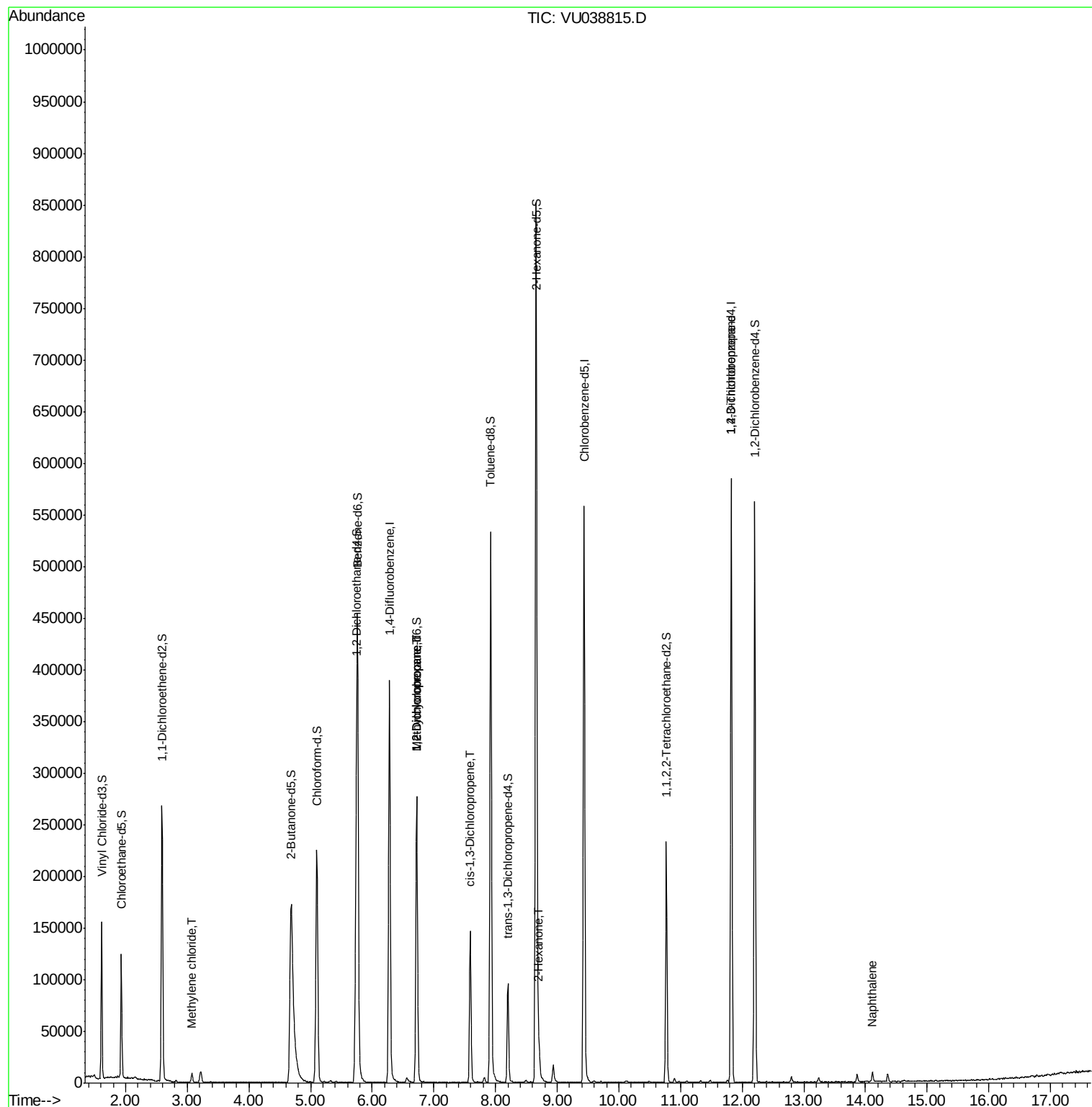
					Ovalue
16) Methylene chloride	3.08	84	3531	0.157 ug/L	90
35) Methylcyclohexane	6.72	83	30647	0.868 ug/L #	18
37) 1,2-Dichloropropane	6.72	63	14497	0.656 ug/L #	86
39) cis-1,3-Dichloropropene	7.59	75	3573	0.109 ug/L #	61
48) 2-Hexanone	8.71	43	13188	1.101 ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	19938	1.208 ug/L	93
69) Naphthalene	14.11	128	7518	0.123 ug/L	98

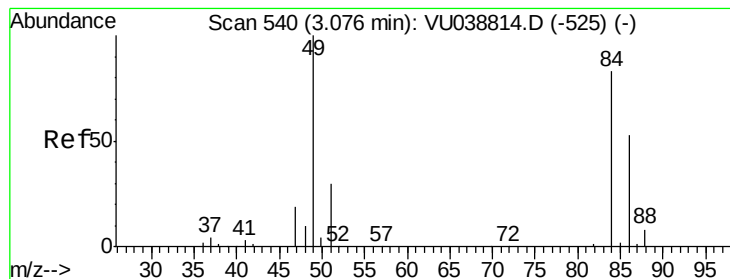
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.157 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU038815.D

Acq: 11 Jun 2020 10:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK08

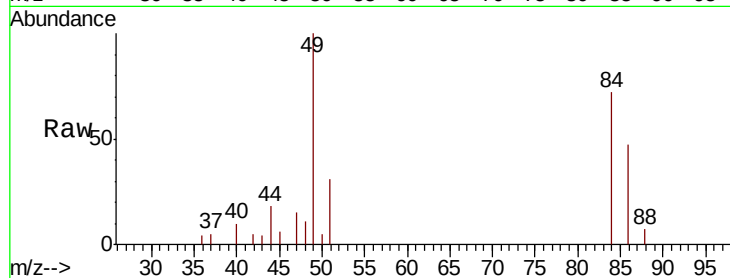
Tot Ion: 84 Resp: 3531

Ion Ratio Lower Upper

84 100

86 65.7 45.0 83.6

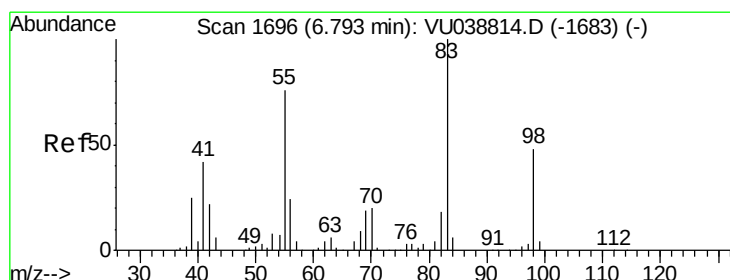
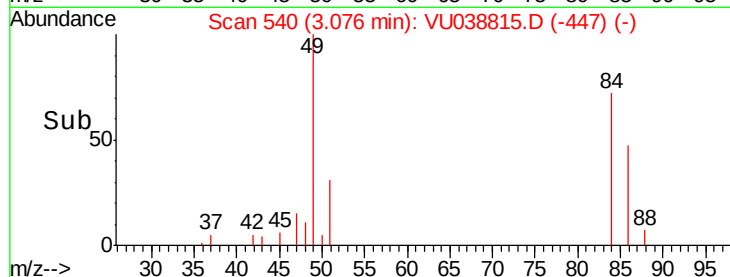
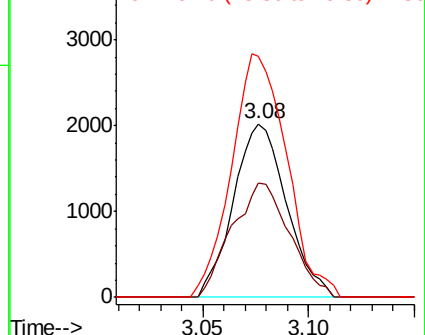
49 139.1 85.5 158.9



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: 0.868 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038815.D

Acq: 11 Jun 2020 10:46

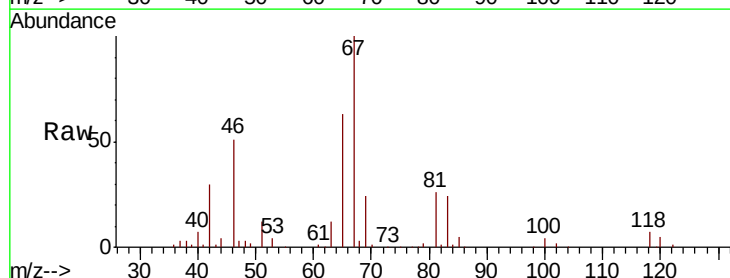
Tgt Ion: 83 Resp: 30647

Ion Ratio Lower Upper

83 100

55 0.3 63.4 95.2#

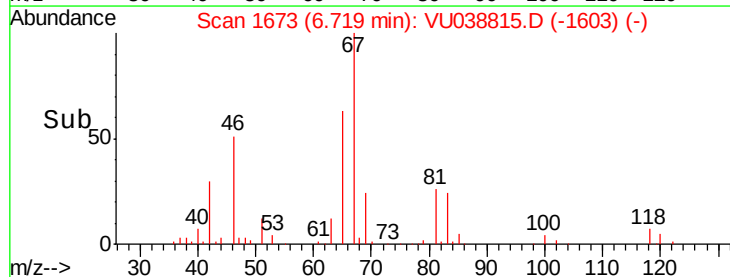
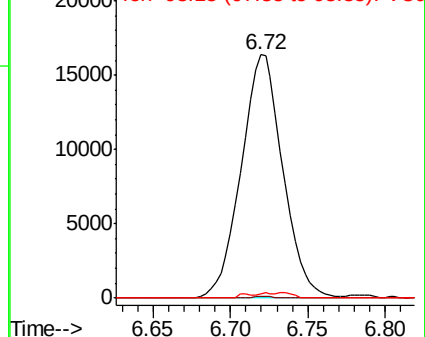
98 1.7 39.0 58.4#

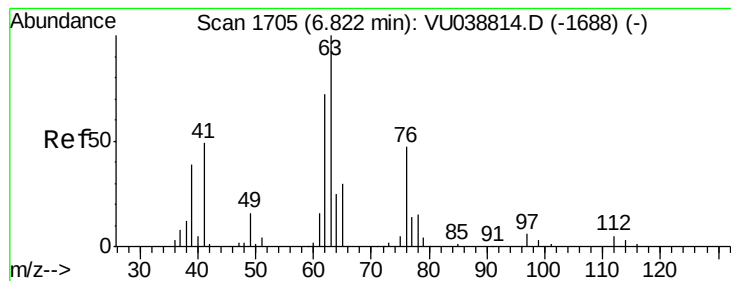


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038815.D

Acq: 11 Jun 2020 10:46

Instrument :

MSVOA_U

ClientSampleId :

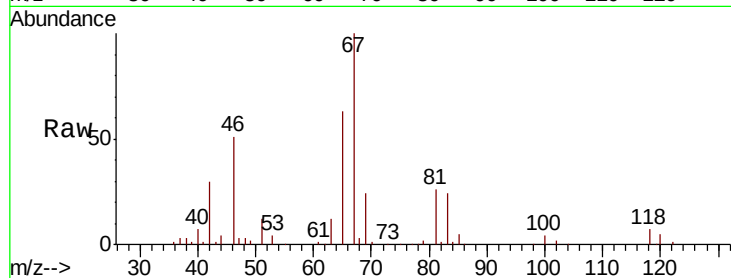
VBLK08

Tot Ion: 63 Resp: 14497

Ion Ratio Lower Upper

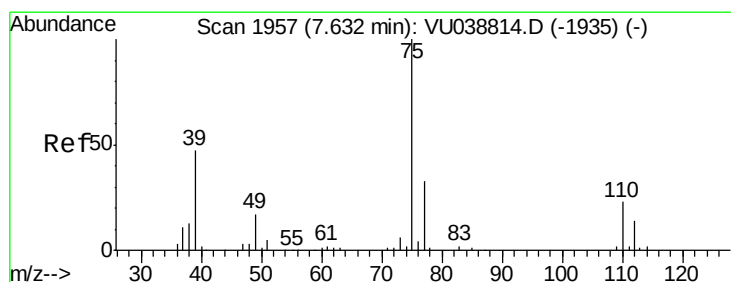
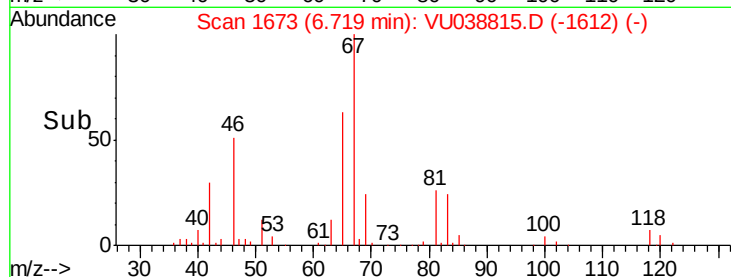
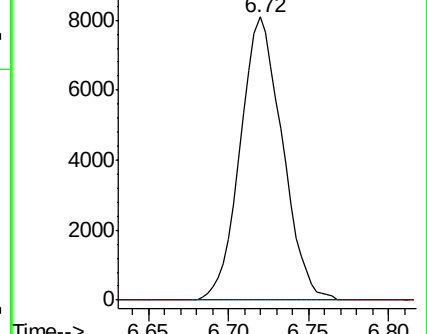
63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU038814.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038814.D (-1688) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.04 min

Lab File: VU038815.D

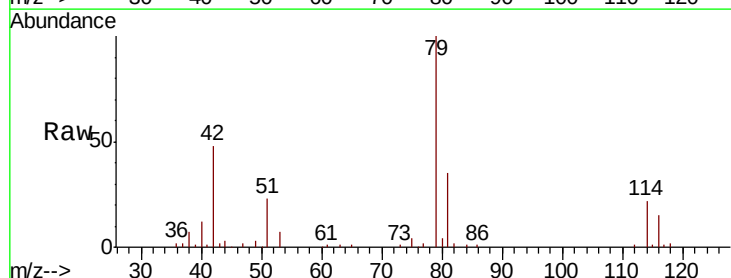
Acq: 11 Jun 2020 10:46

Tgt Ion: 75 Resp: 3573

Ion Ratio Lower Upper

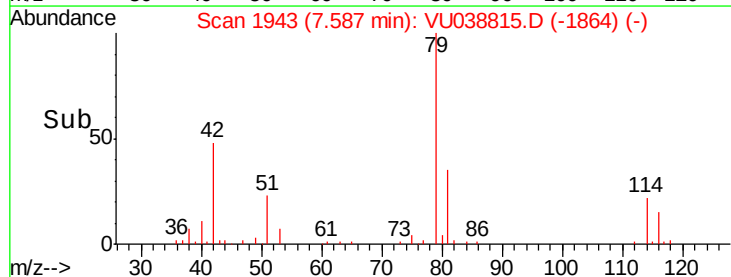
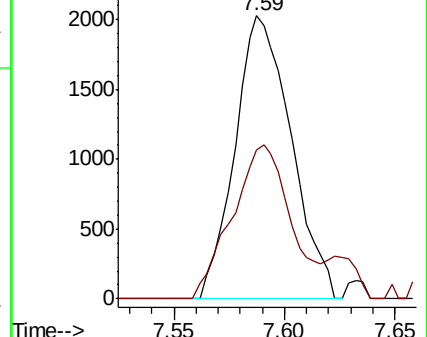
75 100

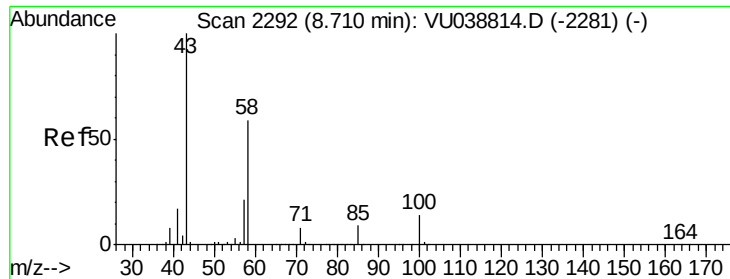
77 52.8 21.9 40.7#



Abundance Ion 75.05 (74.75 to 75.75): VU038815.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038815.D (-1864) (-)

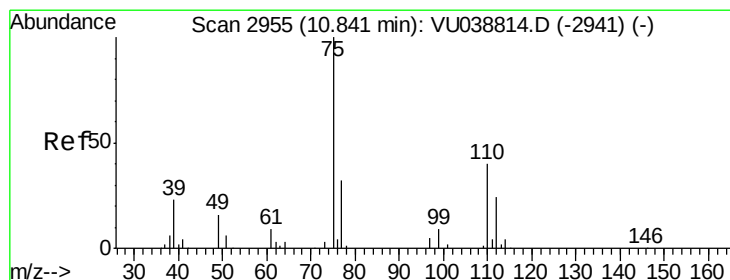
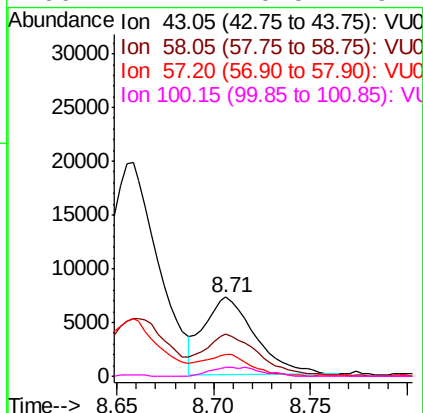
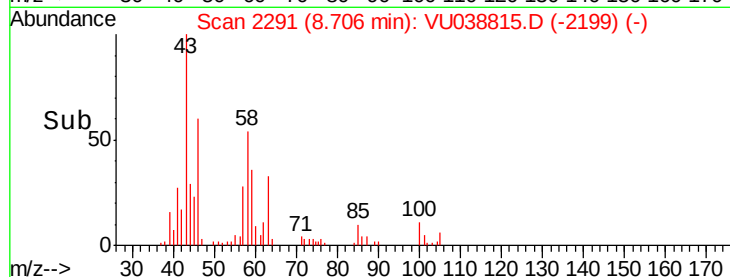
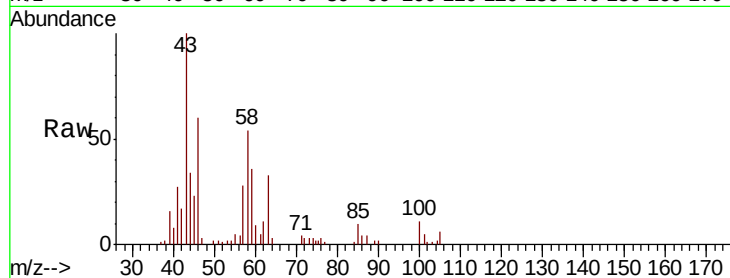




#48
2-Hexanone
Concen: 1.101 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038815.D
Acq: 11 Jun 2020 10:46

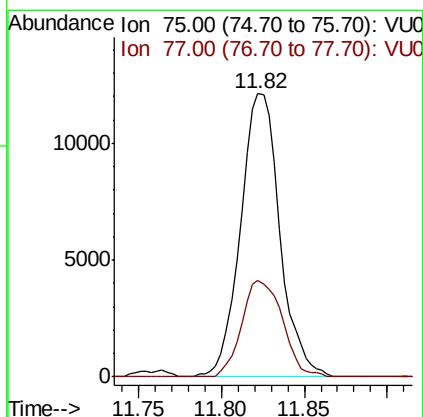
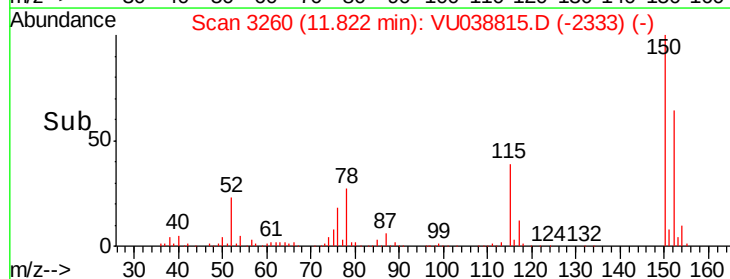
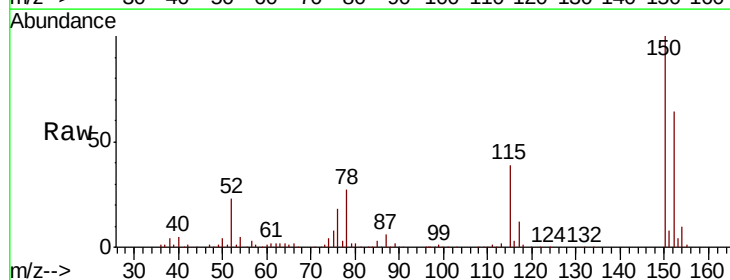
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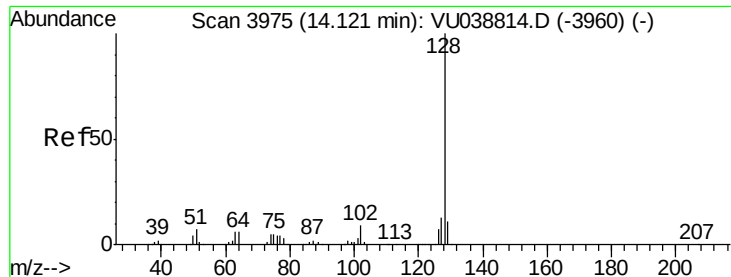
Tot Ion: 43 Resp: 13188
Ion Ratio Lower Upper
43 100
58 58.9 45.4 68.0
57 26.9 15.9 23.9#
100 11.7 10.5 15.7



#59
1,2,3-Trichloropropane
Concen: 1.208 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038815.D
Acq: 11 Jun 2020 10:46

Tgt Ion: 75 Resp: 19938
Ion Ratio Lower Upper
75 100
77 35.4 25.4 38.2





#69

Naphthalene

Concen: 0.123 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038815.D

Acq: 11 Jun 2020 10:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK08

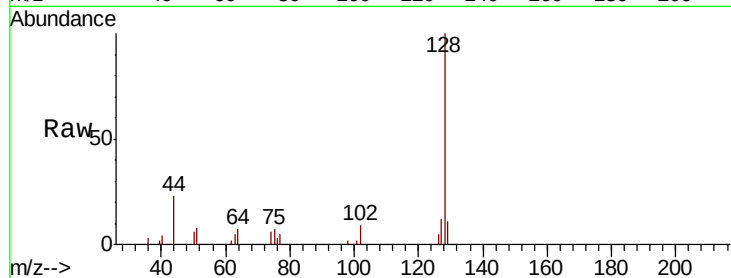
Tot Ion:128 Resp: 7518

Ion Ratio Lower Upper

128 100

129 12.5 8.9 13.3

127 13.2 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

