

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100820\
 Data File : VU040563.D
 Acq On : 08 Oct 2020 15:52
 Operator : SY/MD
 Sample : VU1008WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK98

Quant Time: Oct 09 02:04:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 09 01:55:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	171499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	168782	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	73178	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67814	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.92	69	52713	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.58	63	99670	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	4.66	46	228772	50.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.62%
24) Chloroform-d	5.08	84	116222	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	71691	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.74	84	223810	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.70	67	73158	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.91	98	188716	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	30221	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.64	63	164519	49.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.74%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	62751	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	72896	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

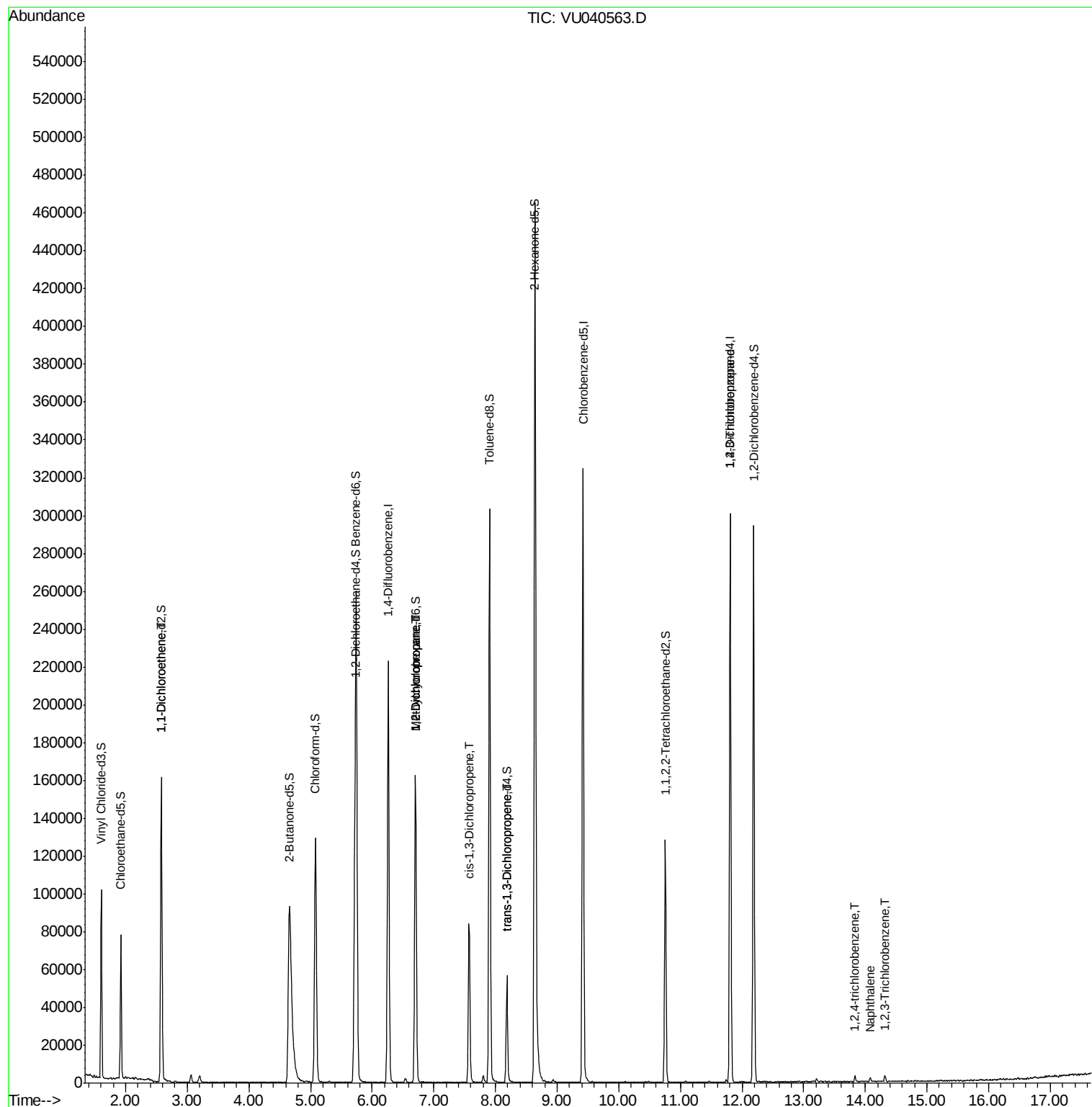
					Ovalue
12) 1,1-Dichloroethene	2.58	96	655	0.054 ug/L #	1
35) Methylcyclohexane	6.70	83	17886	0.897 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	8951	0.592 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	2137	0.104 ug/L #	50
44) trans-1,3-Dichloropropene	8.19	75	1475	0.078 ug/L #	69
59) 1,2,3-Trichloropropane	11.81	75	10543	0.950 ug/L	94
68) 1,2,4-trichlorobenzene	13.83	180	1197	0.091 ug/L #	86
69) Naphthalene	14.08	128	2757	0.128 ug/L #	86
70) 1,2,3-Trichlorobenzene	14.33	180	1199	0.098 ug/L	98

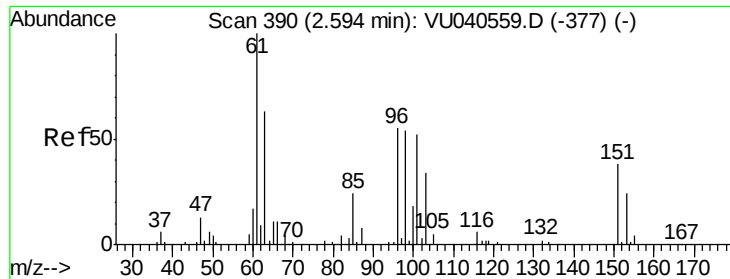
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 09 02:04:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 09 01:55:27 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.054 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040563.D

Acq: 08 Oct 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

VBLK98

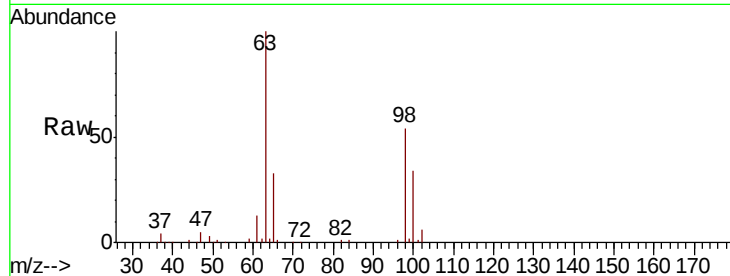
Tot Ion: 96 Resp: 655

Ion Ratio Lower Upper

96 100

61 1769.2 128.8 239.2#

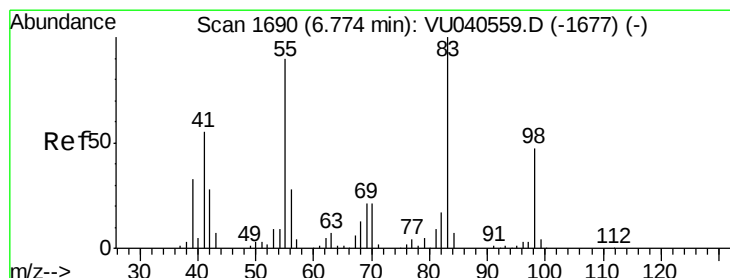
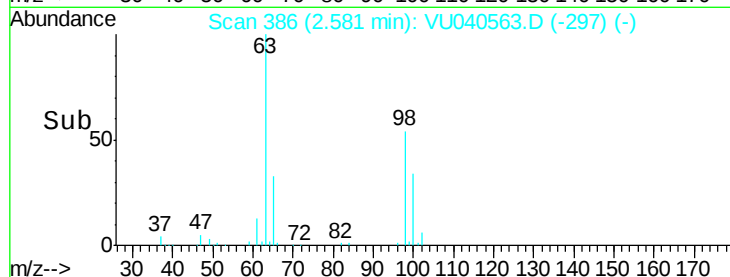
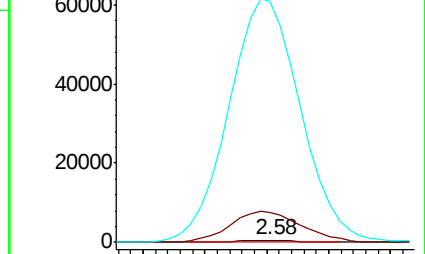
63 13984.4 84.6 157.2#



Abundance Ion 96.00 (95.70 to 96.70): VU040559.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VU040559.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VU040559.D (-377) (-)



#35

Methylcyclohexane

Concen: 0.897 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU040563.D

Acq: 08 Oct 2020 15:52

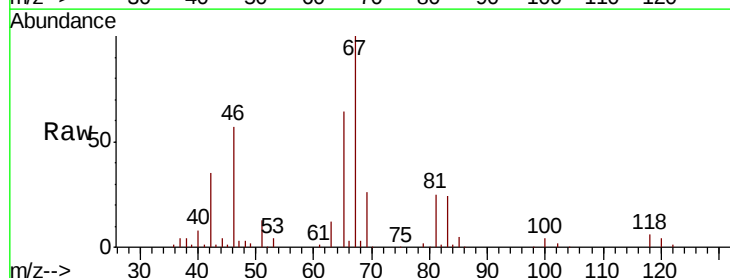
Tgt Ion: 83 Resp: 17886

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

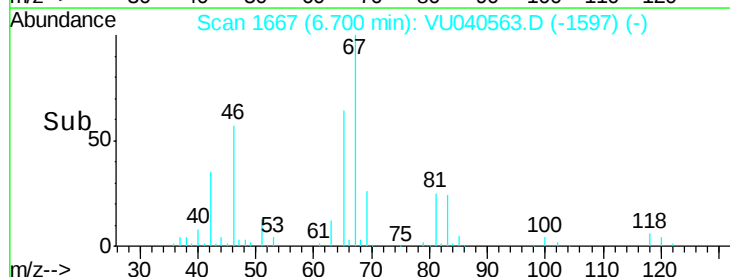
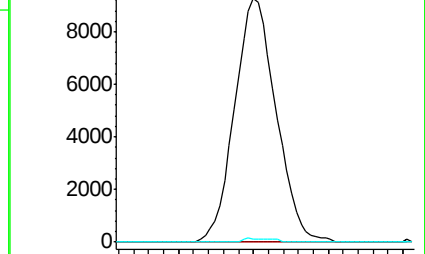
98 0.6 38.4 57.6#

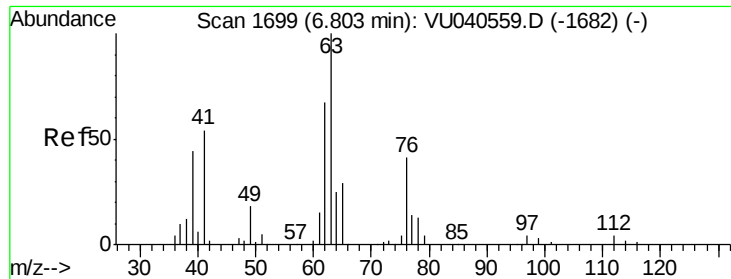


Abundance Ion 83.15 (82.85 to 83.85): VU040559.D (-1677) (-)

Ion 55.10 (54.80 to 55.80): VU040559.D (-1677) (-)

Ion 98.15 (97.85 to 98.85): VU040559.D (-1677) (-)

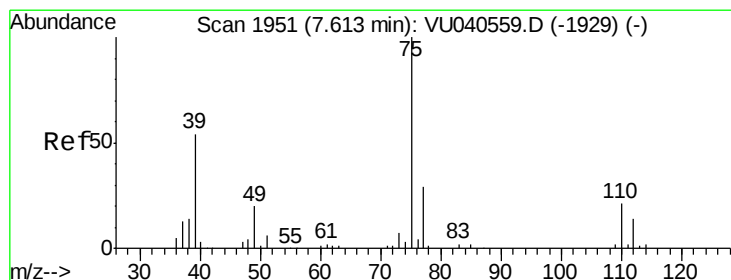
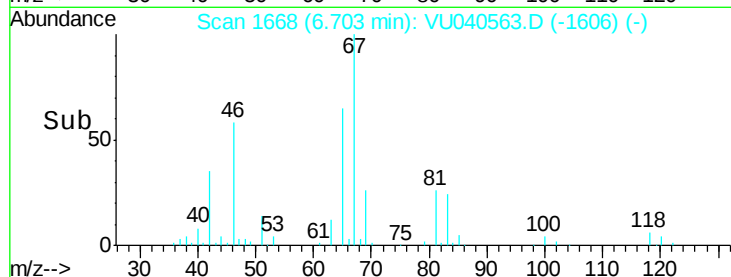
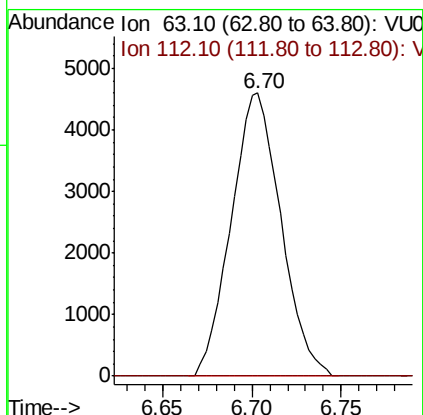
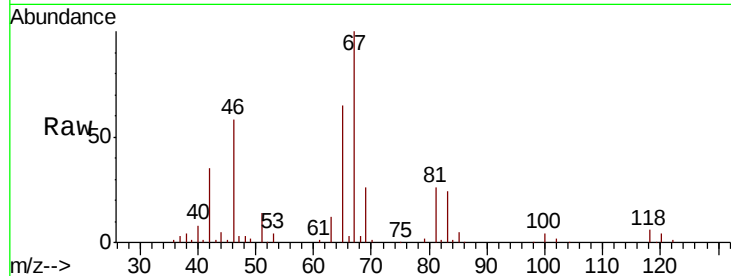




#37
 1,2-Dichloropropane
 Concen: 0.592 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040563.D
 Acq: 08 Oct 2020 15:52

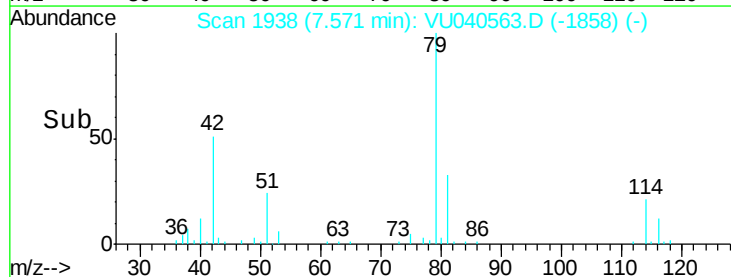
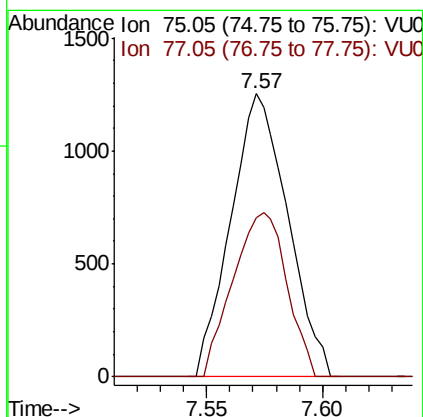
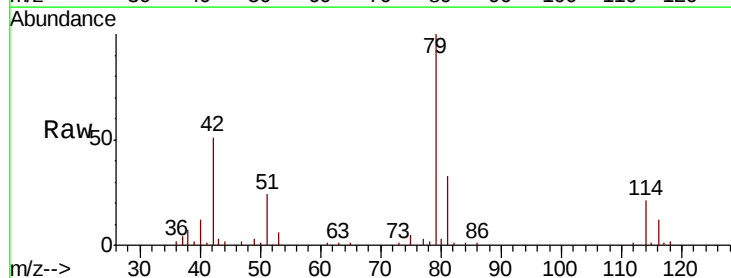
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK98

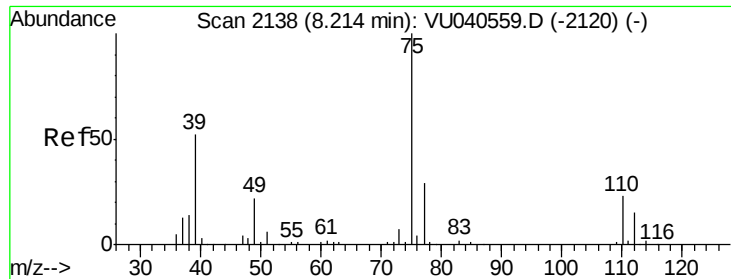
Tot Ion: 63 Resp: 8951
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040563.D
 Acq: 08 Oct 2020 15:52

Tgt Ion: 75 Resp: 2137
 Ion Ratio Lower Upper
 75 100
 77 56.3 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040563.D

Acq: 08 Oct 2020 15:52

Instrument :

MSVOA_U

ClientSampleId :

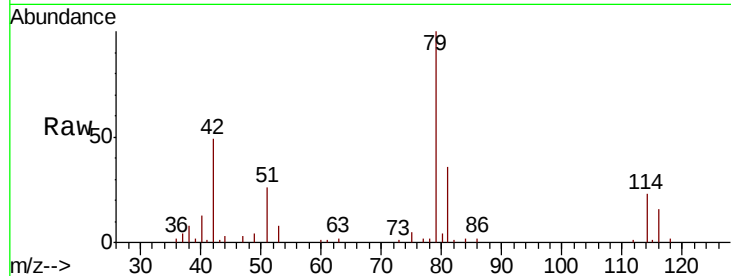
VBLK98

Tot Ion: 75 Resp: 1475

Ion Ratio Lower Upper

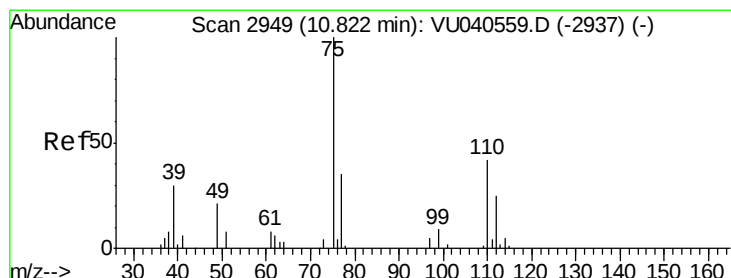
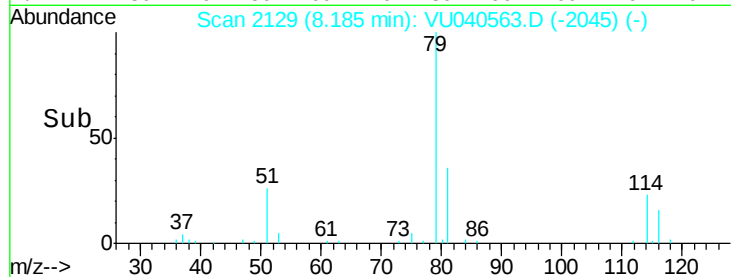
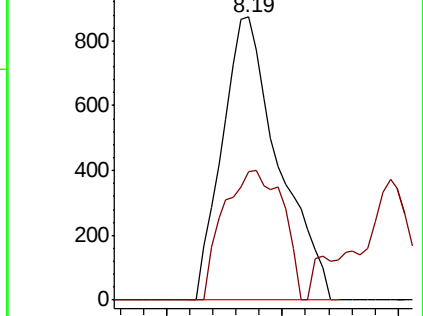
75 100

77 45.6 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.950 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040563.D

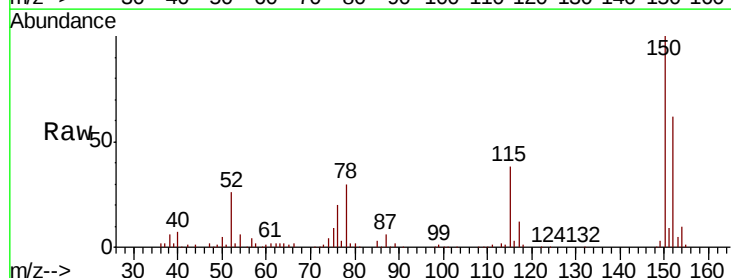
Acq: 08 Oct 2020 15:52

Tgt Ion: 75 Resp: 10543

Ion Ratio Lower Upper

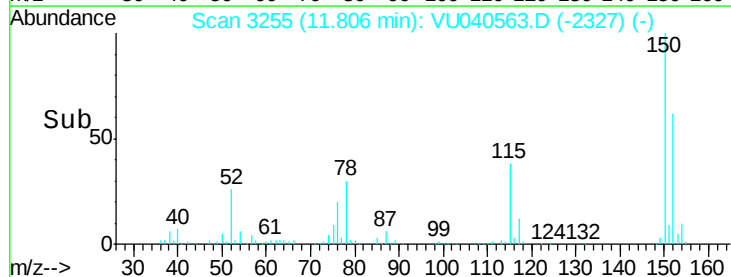
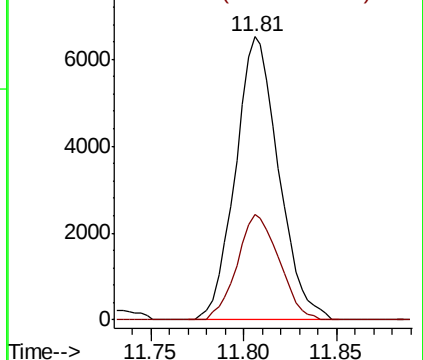
75 100

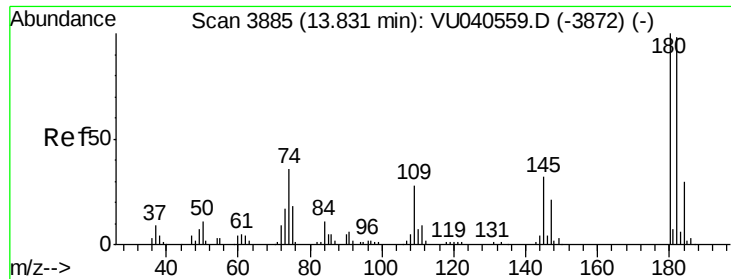
77 36.2 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

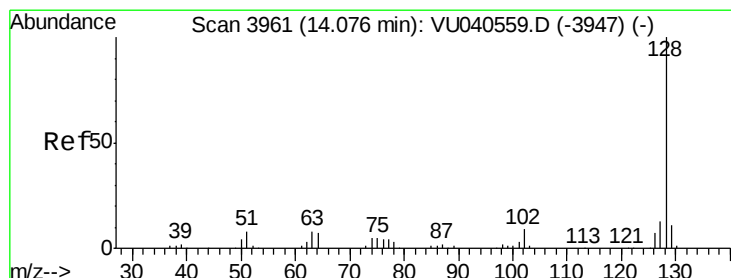
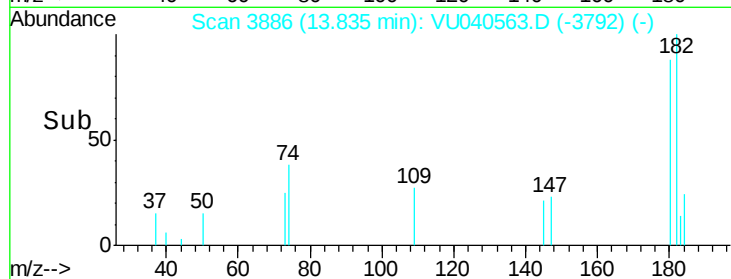
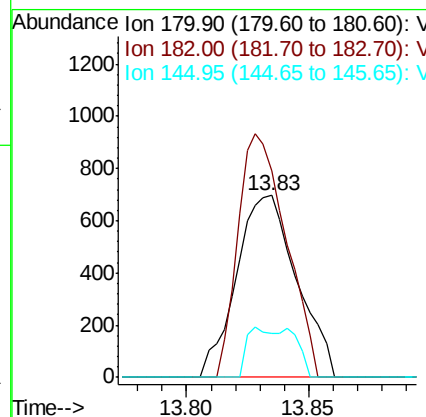
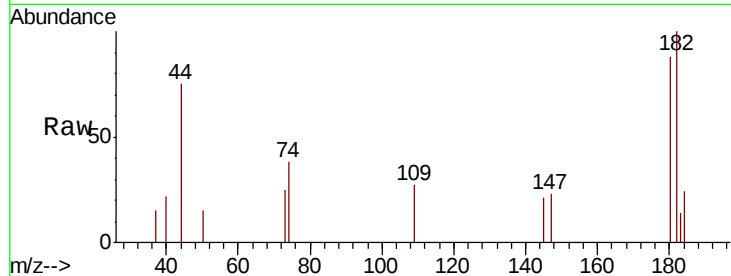




#68
 1,2,4-trichlorobenzene
 Concen: 0.091 ug/L
 RT: 13.83 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VU040563.D
 Acq: 08 Oct 2020 15:52

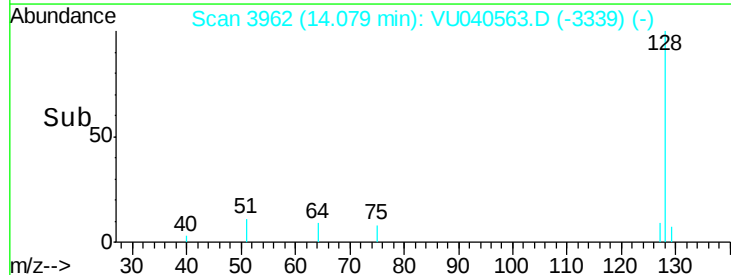
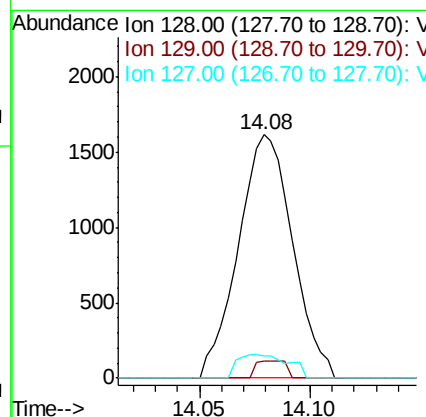
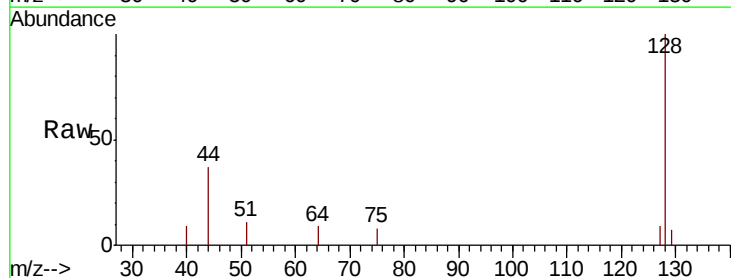
Instrument :
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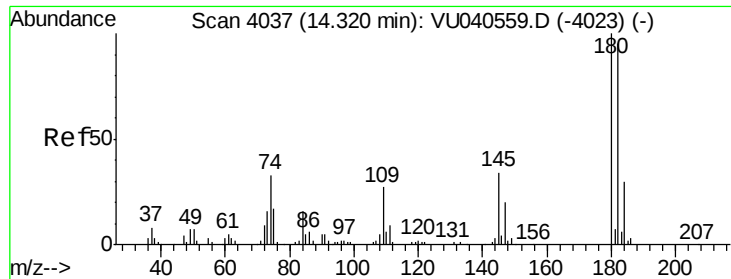
Tot Ion:180 Resp: 1197
 Ion Ratio Lower Upper
 180 100
 182 106.3 78.8 118.2
 145 14.0 26.1 39.1#



#69
 Naphthalene
 Concen: 0.128 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU040563.D
 Acq: 08 Oct 2020 15:52

Tgt Ion:128 Resp: 2757
 Ion Ratio Lower Upper
 128 100
 129 3.9 9.0 13.4#
 127 9.1 10.2 15.4#

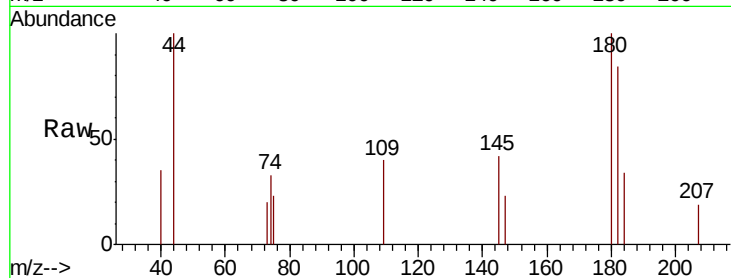




#70
 1,2,3-Trichlorobenzene
 Concen: 0.098 ug/L
 RT: 14.33 min Scan# 4039
 Delta R.T. 0.01 min
 Lab File: VU040563.D
 Acq: 08 Oct 2020 15:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK98

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.8
145	34.9	27.4	41.2



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

