

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101120\
 Data File : VU040638.D
 Acq On : 10 Oct 2020 16:41
 Operator : SY/MD
 Sample : L4240-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Oct 12 07:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 12 07:06:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	134777	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134457	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	45720	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.92	69	39713	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.58	63	70013	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.65	46	192557	53.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.76%
24) Chloroform-d	5.08	84	91643	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	59379	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	178530	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	60672	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.91	98	146025	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.19	79	24545	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.64	63	140680	53.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.06%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53825	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	61185	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

Target Compounds

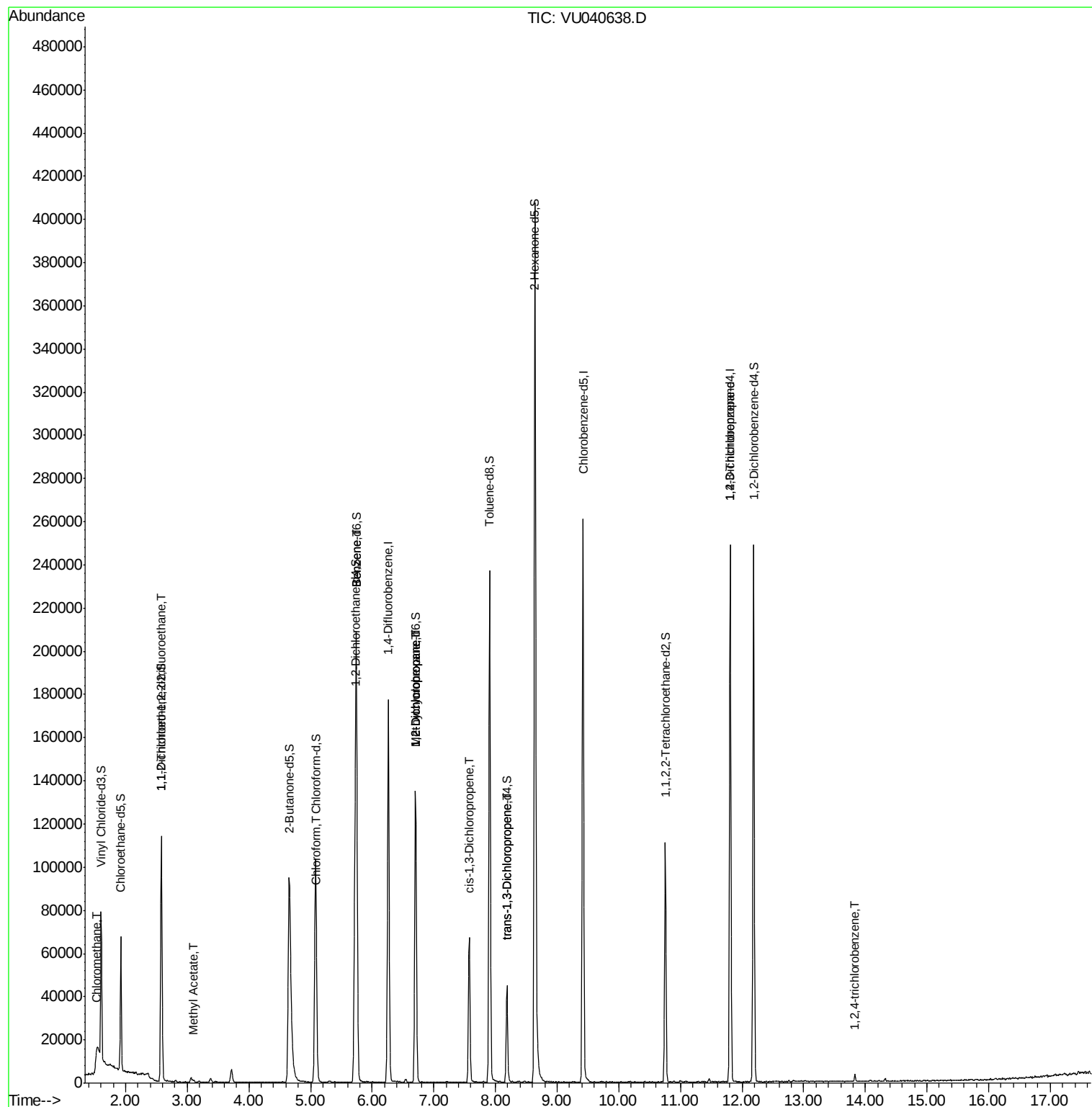
					Ovalue
3) Chloromethane	1.53	50	870	0.076	ug/L 84
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	542	0.048	ug/L # 20
15) Methyl Acetate	3.10	43	804	0.127	ug/L # 56
25) Chloroform	5.11	83	3011	0.142	ug/L 93
33) Benzene	5.75	78	1591	0.037	ug/L 100
35) Methylcyclohexane	6.70	83	14049	0.885	ug/L # 14
37) 1,2-Dichloropropane	6.70	63	6646	0.552	ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1669	0.101	ug/L # 57
44) trans-1,3-Dichloropropene	8.18	75	1059	0.070	ug/L # 77
59) 1,2,3-Trichloropropane	11.81	75	8173	0.924	ug/L 91
68) 1,2,4-trichlorobenzene	13.83	180	1406	0.129	ug/L # 84

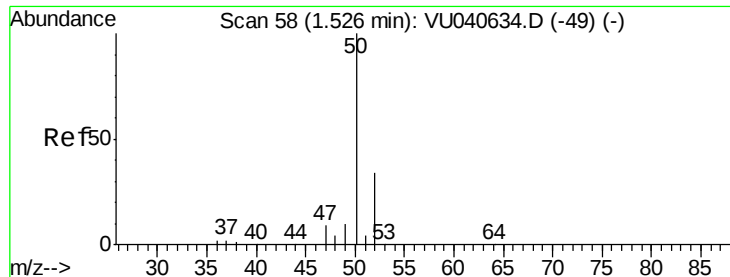
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.076 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

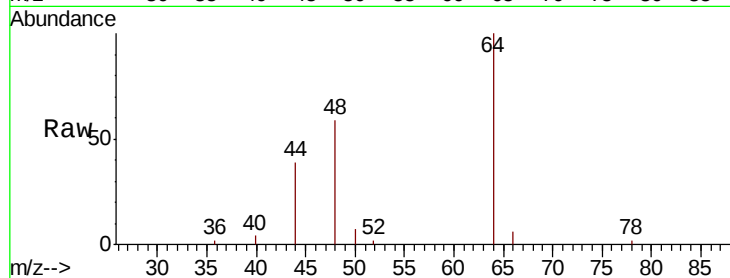
VHBLK01

Tot Ion: 50 Resp: 870

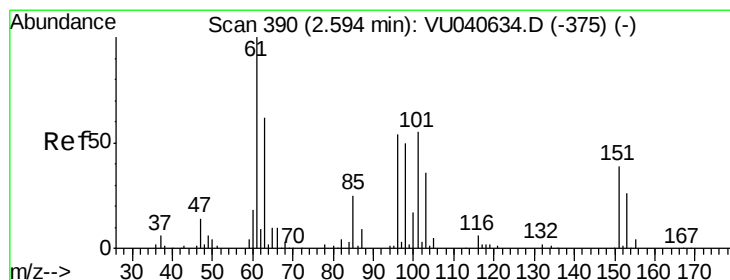
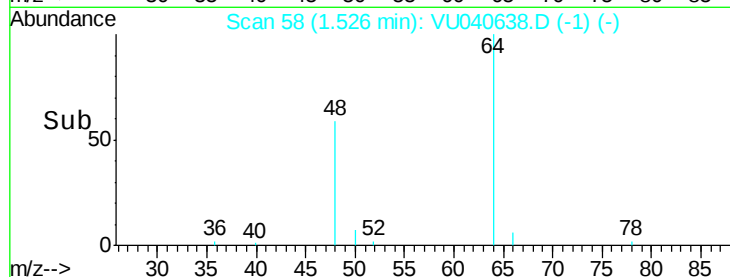
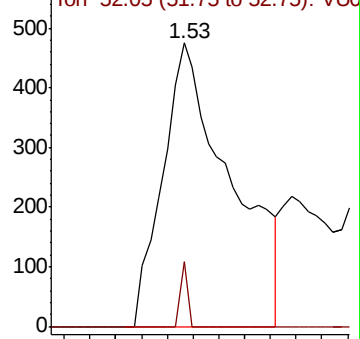
Ion Ratio Lower Upper

50 100

52 22.7 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU040638.D (-1) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.048 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

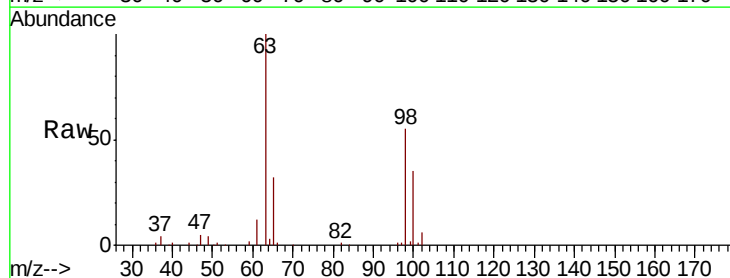
Tgt Ion: 101 Resp: 542

Ion Ratio Lower Upper

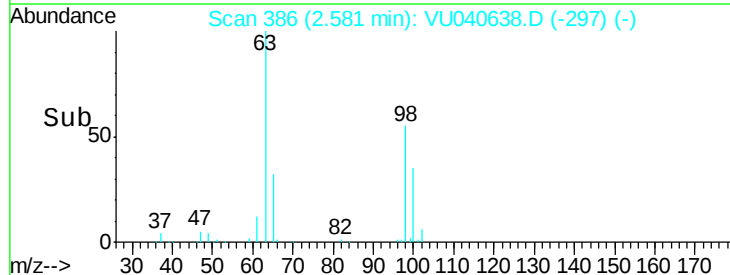
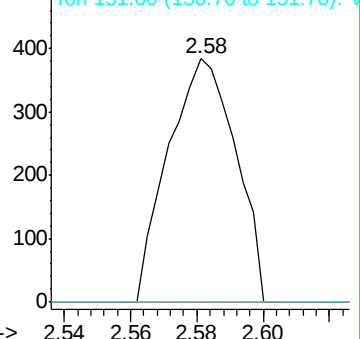
101 100

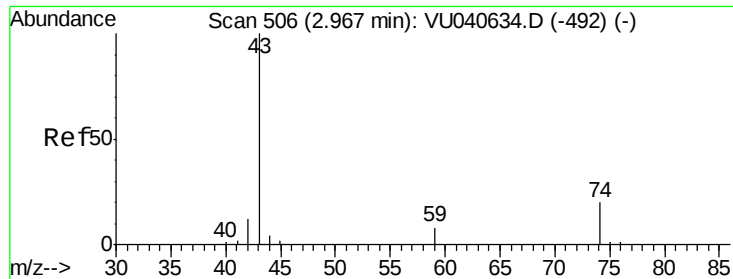
85 0.0 36.7 55.1#

151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): VU040638.D (-297) (-)

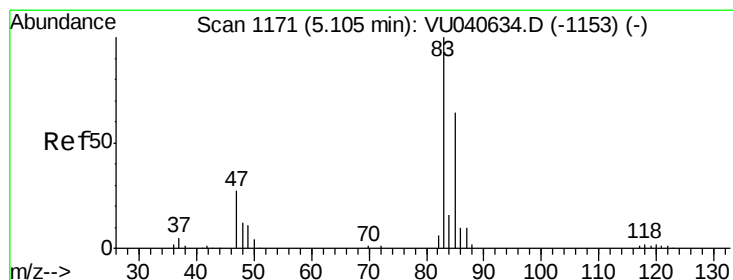
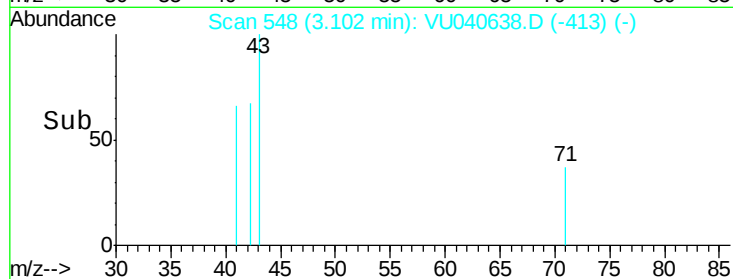
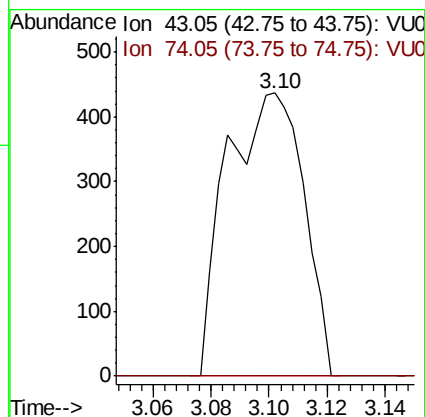
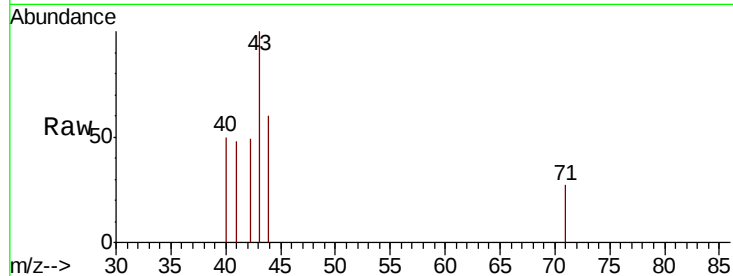




#15
Methvl Acetate
Concen: 0.127 ug/L
RT: 3.10 min Scan# 548
Delta R.T. 0.14 min
Lab File: VU040638.D
Acq: 10 Oct 2020 16:41

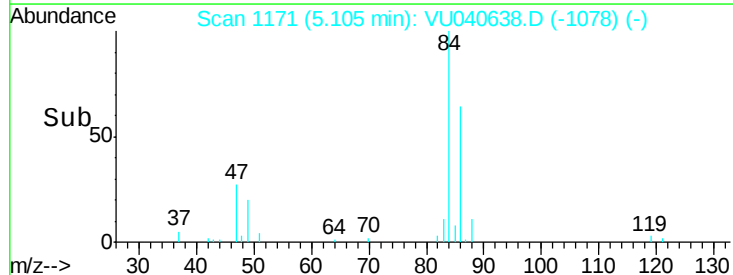
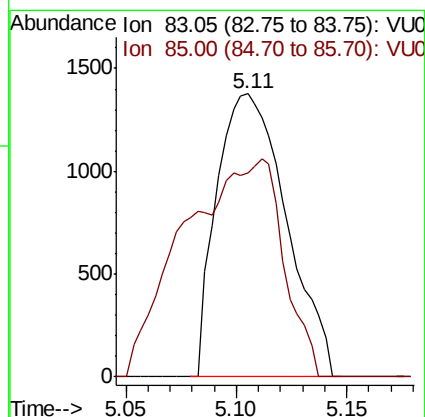
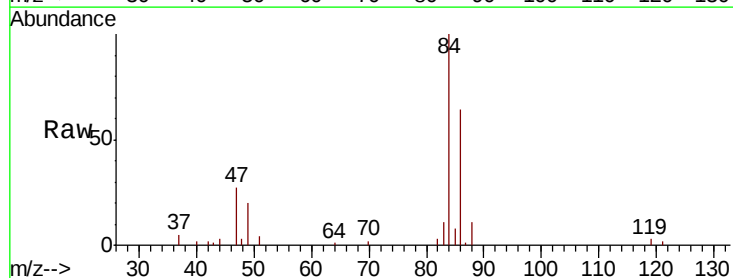
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

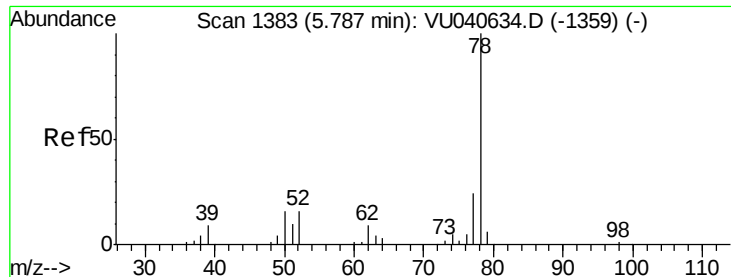
Tot Ion: 43 Resp: 804
Ion Ratio Lower Upper
43 100
74 0.0 16.5 24.7#



#25
Chloroform
Concen: 0.142 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040638.D
Acq: 10 Oct 2020 16:41

Tgt Ion: 83 Resp: 3011
Ion Ratio Lower Upper
83 100
85 72.2 46.5 86.5





#33

Benzene

Concen: 0.037 ug/L

RT: 5.75 min Scan# 1371

Delta R.T. -0.04 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

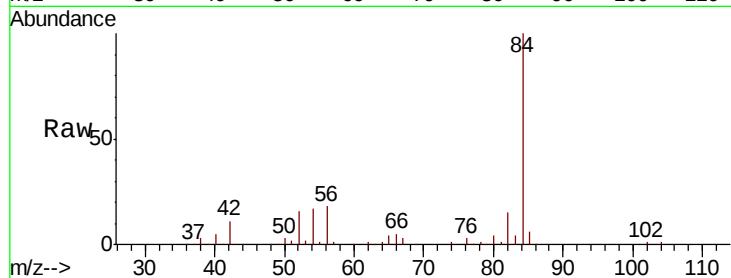
Instrument :

MSVOA_U

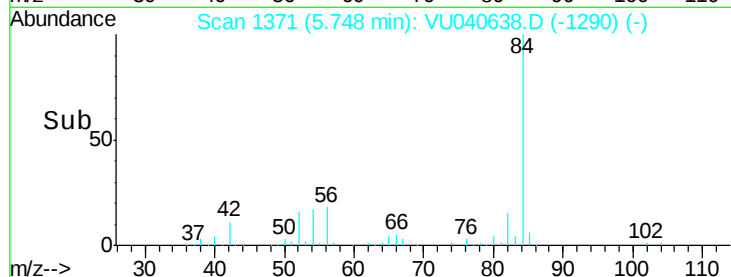
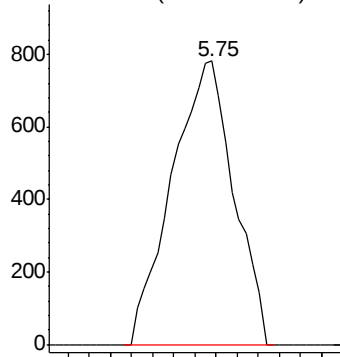
ClientSampleId :

VHBLK01

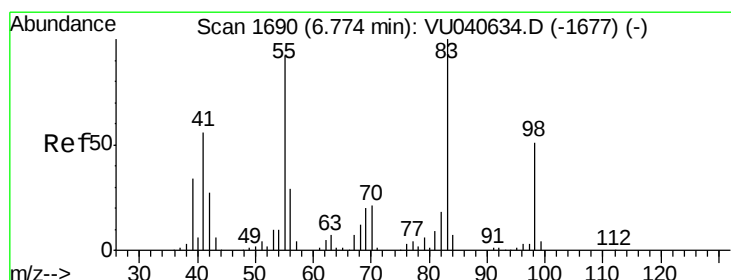
Tgt Ion: 78 Resp: 1591



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#35

Methylcyclohexane

Concen: 0.885 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

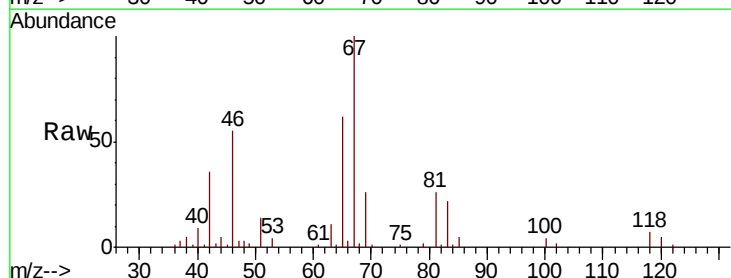
Tgt Ion: 83 Resp: 14049

Ion Ratio Lower Upper

83 100

55 0.0 70.7 106.1#

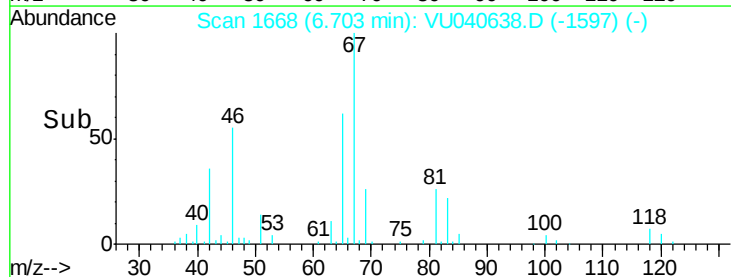
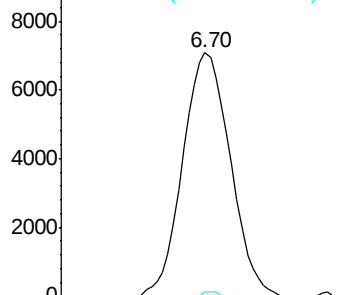
98 0.5 38.4 57.6#



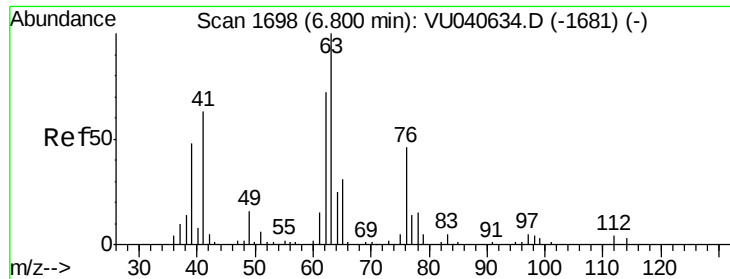
Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



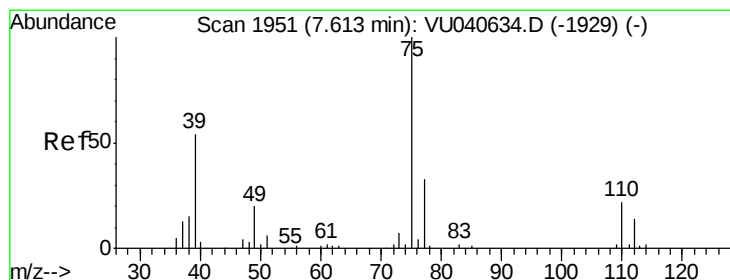
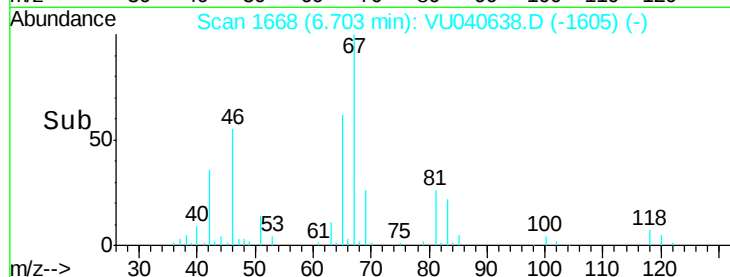
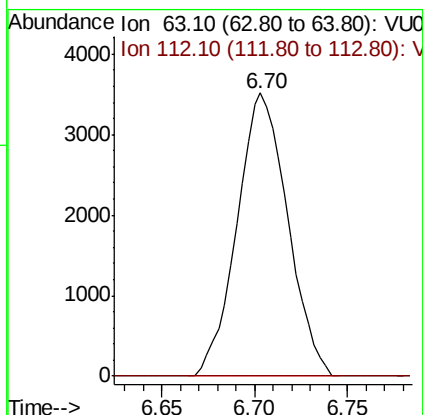
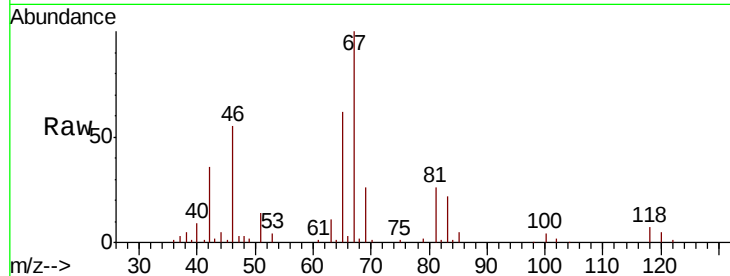
Time-->



#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040638.D
 Acq: 10 Oct 2020 16:41

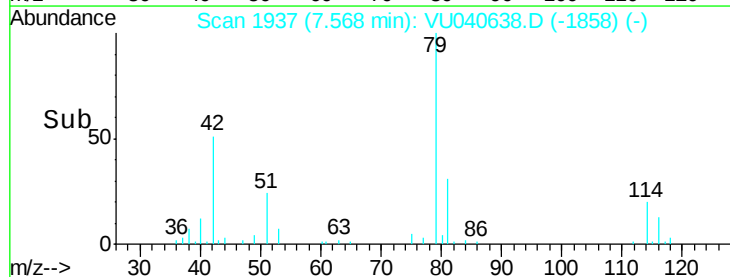
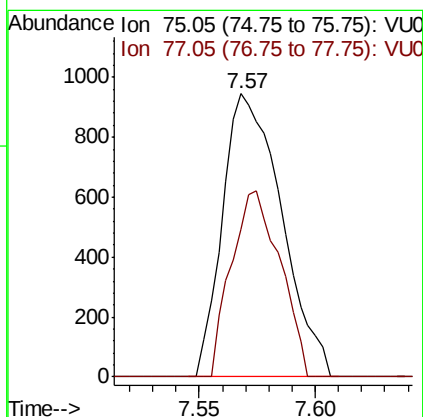
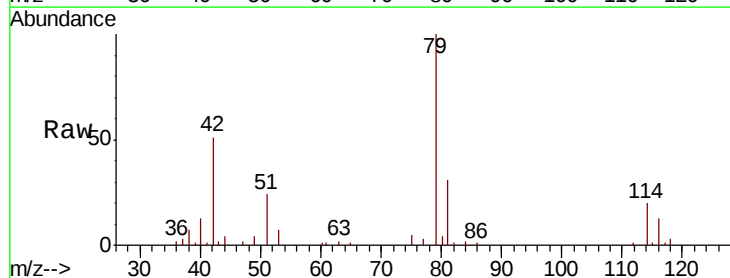
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

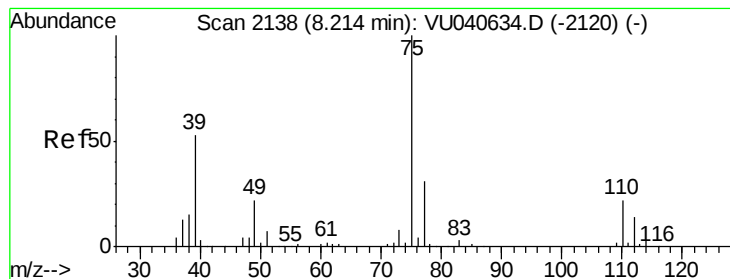
Tot Ion: 63 Resp: 6646
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.57 min Scan# 1937
 Delta R.T. -0.05 min
 Lab File: VU040638.D
 Acq: 10 Oct 2020 16:41

Tgt Ion: 75 Resp: 1669
 Ion Ratio Lower Upper
 75 100
 77 52.3 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

Instrument :

MSVOA_U

ClientSampleId :

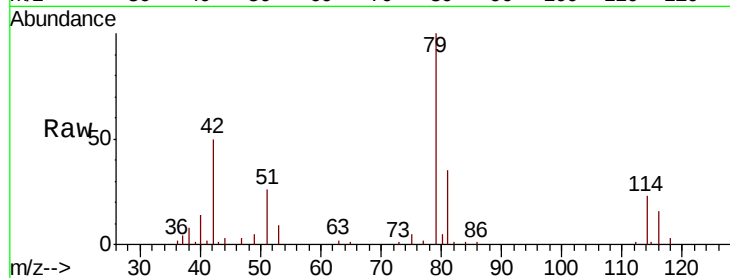
VHBLK01

Tot Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 41.6 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

800

600

400

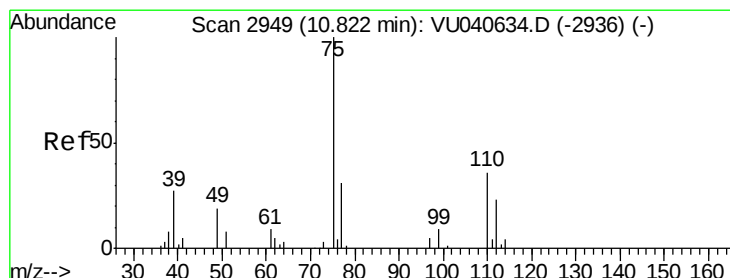
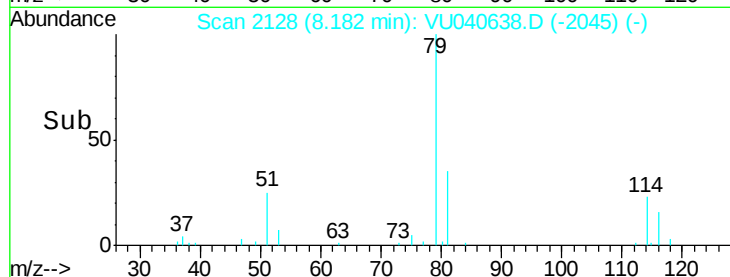
200

0

8.14 8.16 8.18 8.20 8.22

8.18

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.924 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040638.D

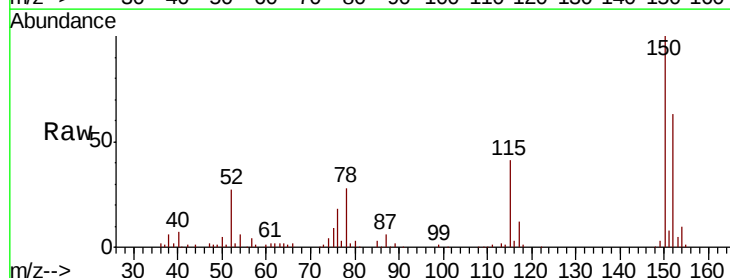
Acq: 10 Oct 2020 16:41

Tgt Ion: 75 Resp: 8173

Ion Ratio Lower Upper

75 100

77 37.9 26.4 39.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

6000

5000

4000

3000

2000

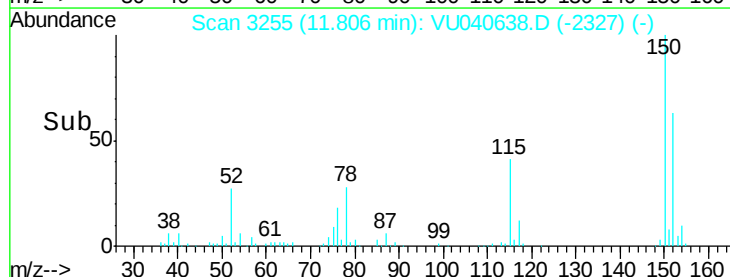
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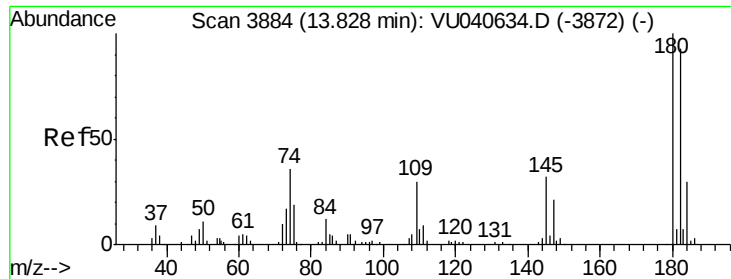
0

11.75 11.80 11.85

11.81

Time-->





#68

1,2,4-trichlorobenzene

Concen: 0.129 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040638.D

Acq: 10 Oct 2020 16:41

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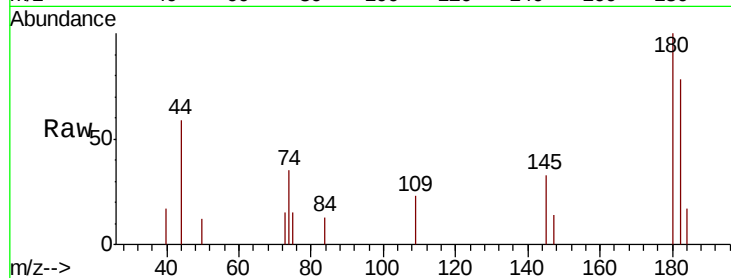
Tot Ion:180 Resp: 1406

Ion Ratio Lower Upper

180 100

182 83.6 78.8 118.2

145 21.8 26.1 39.1#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V

