

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121020\
 Data File : VU041553.D
 Acq On : 10 Dec 2020 22:47
 Operator : SY/MD
 Sample : L5023-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AW7

Quant Time: Dec 11 07:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 11 07:33:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	44744	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	38003	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	20167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9587	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.92	69	9309	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.58	63	18305	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.66	46	29099	33.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.54%
24) Chloroform-d	5.08	84	29107	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.72	65	19297	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.74	84	45729	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	6.70	67	11905	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.91	98	44293	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloropropene-	8.19	79	6885	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.64	63	20009	32.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	10168	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	17170	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

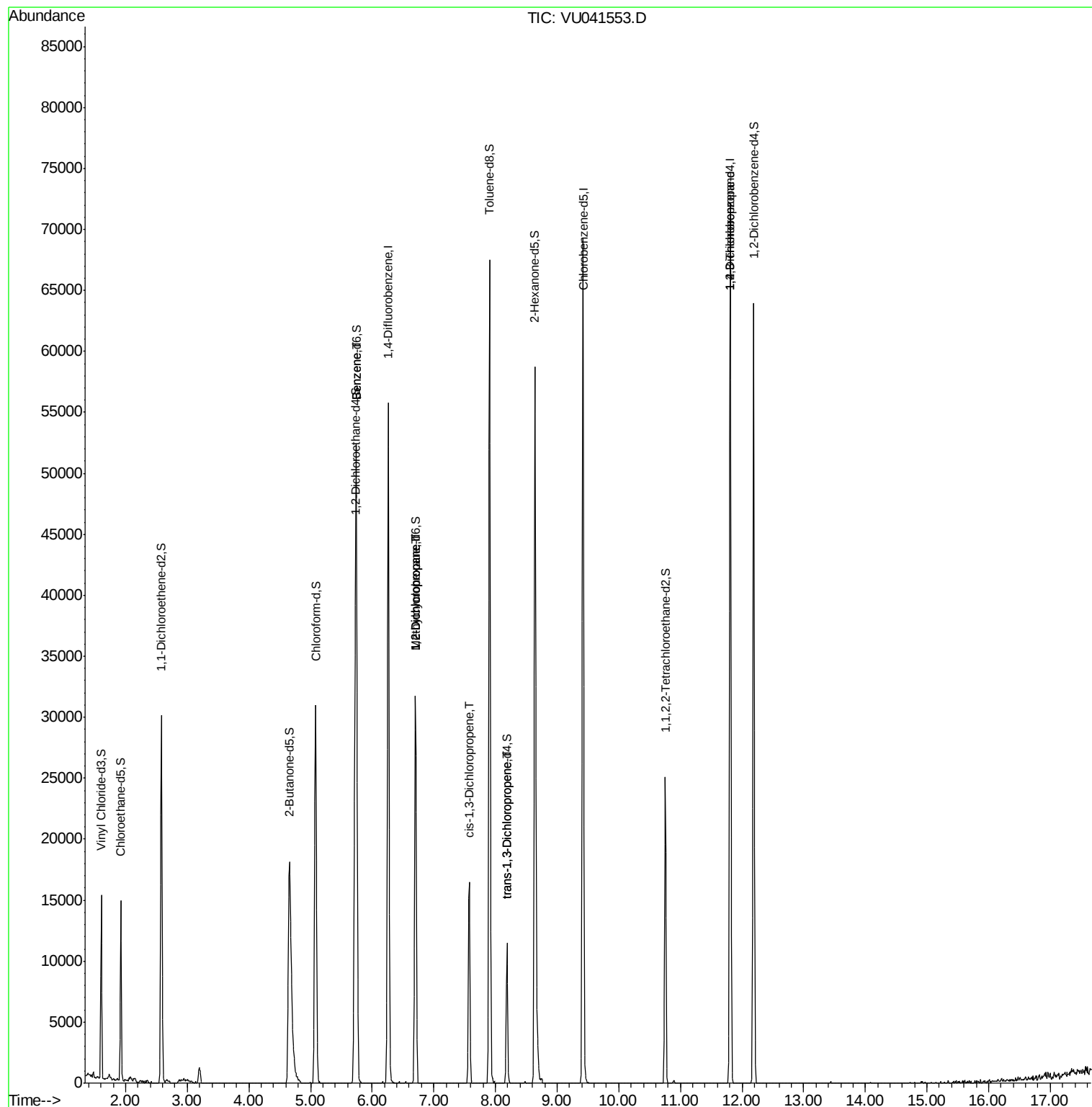
					Ovalue
33) Benzene	5.74	78	340	0.036	ug/L 100
35) Methylcyclohexane	6.70	83	3760	0.971	ug/L # 17
37) 1,2-Dichloropropane	6.70	63	1906	0.865	ug/L # 84
39) cis-1,3-Dichloropropene	7.58	75	454	0.114	ug/L # 40
44) trans-1,3-Dichloropropene	8.19	75	336	0.084	ug/L # 42
59) 1,2,3-Trichloropropane	11.81	75	1740	0.814	ug/L # 72

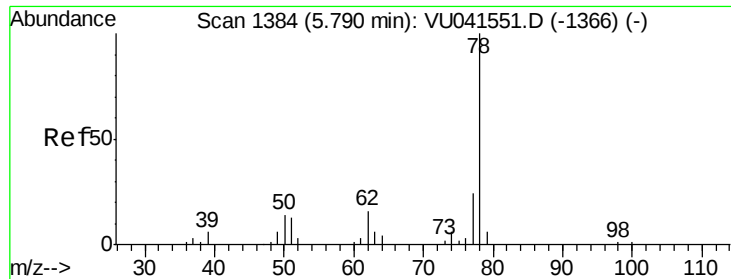
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 11 07:33:47 2020
Response via : Initial Calibration





#33

Benzene

Concen: 0.036 ug/L

RT: 5.74 min Scan# 1370

Delta R.T. -0.05 min

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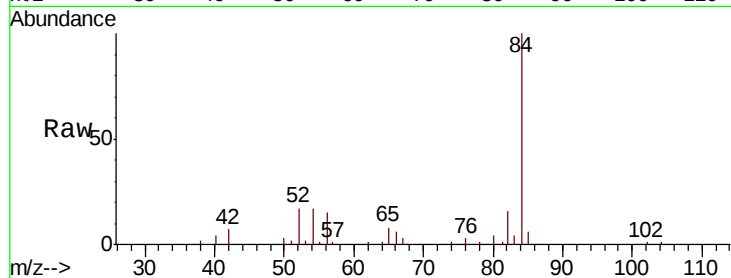
Instrument :

MSVOA_U

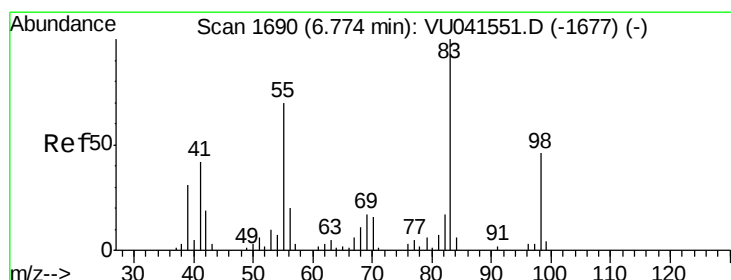
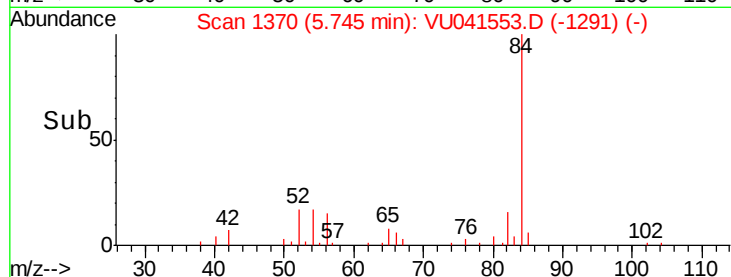
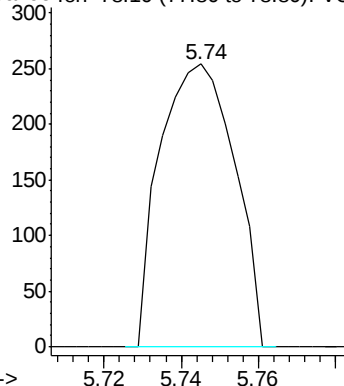
ClientSampleId :

C0AW7

Tgt Ion: 78 Resp: 340



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.971 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041553.D

Acq: 10 Dec 2020 22:47

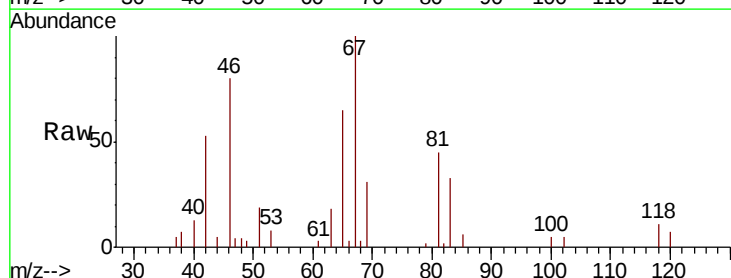
Tgt Ion: 83 Resp: 3760

Ion Ratio Lower Upper

83 100

55 0.0 62.1 93.1#

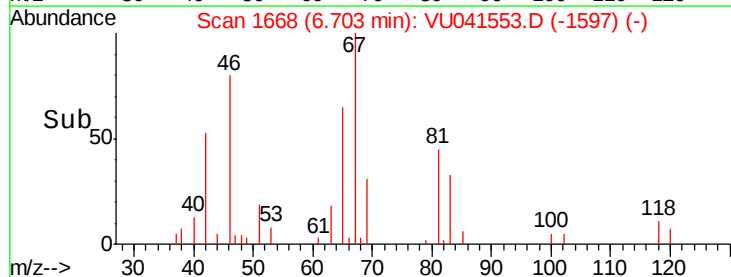
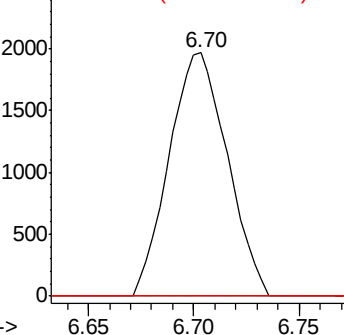
98 0.0 38.7 58.1#

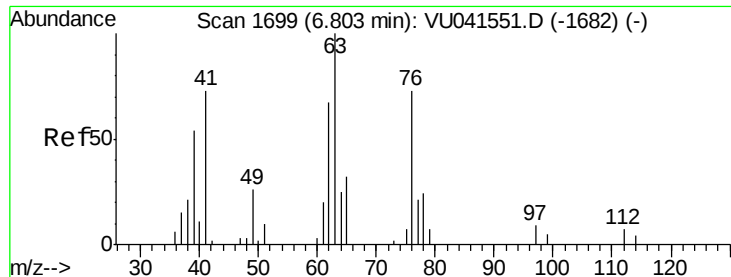


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

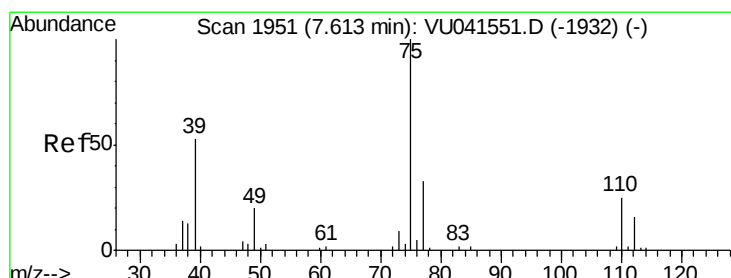
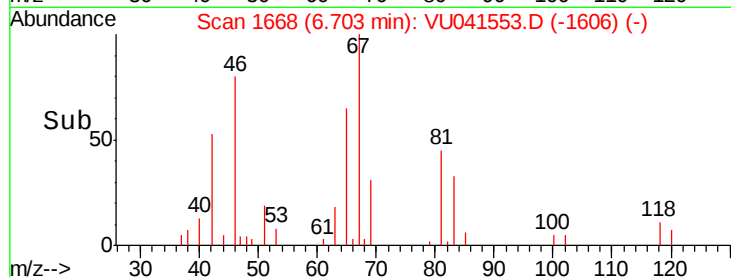
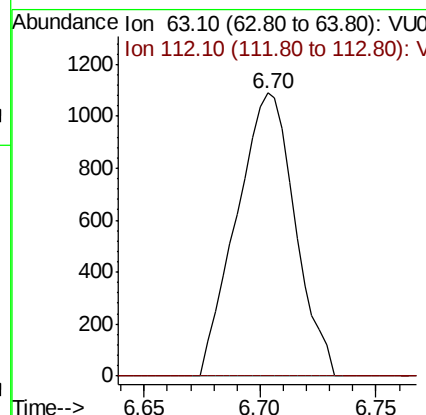
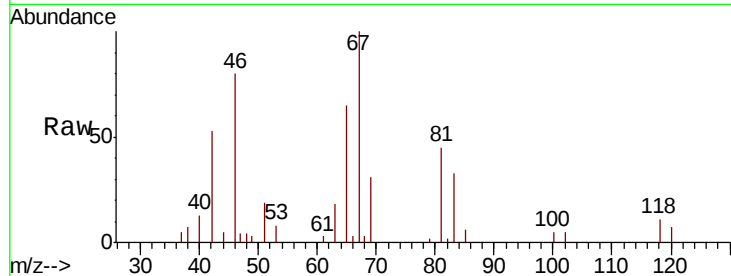




#37
 1,2-Dichloropropane
 Concen: 0.865 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041553.D
 Acq: 10 Dec 2020 22:47

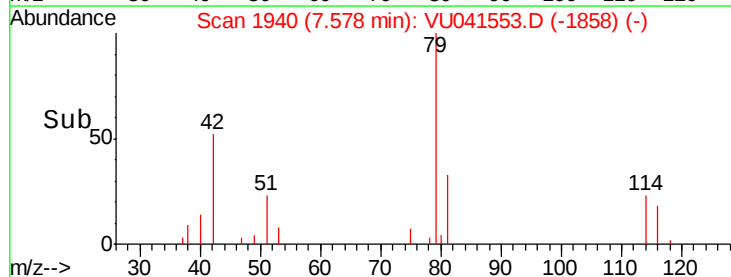
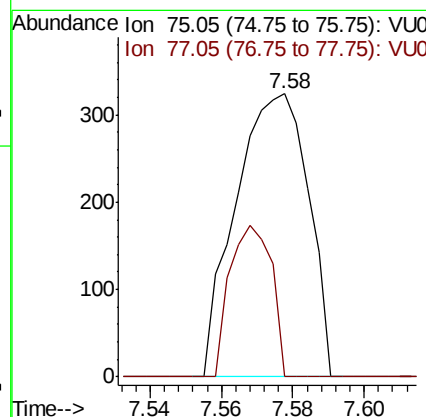
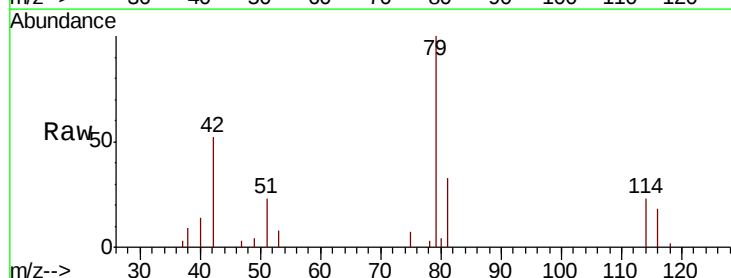
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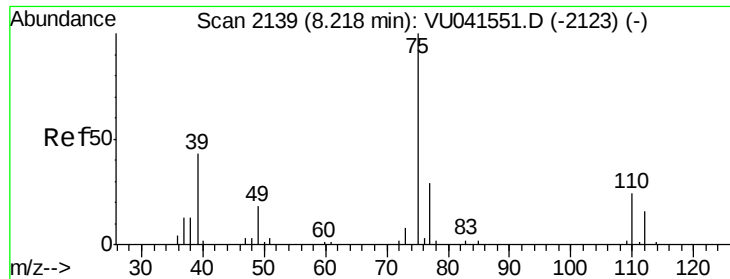
Tot Ion: 63 Resp: 1906
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041553.D
 Acq: 10 Dec 2020 22:47

Tgt Ion: 75 Resp: 454
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.0 44.6#





#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU041553.D

Acq: 10 Dec 2020 22:47

Instrument :

MSVOA_U

ClientSampleId :

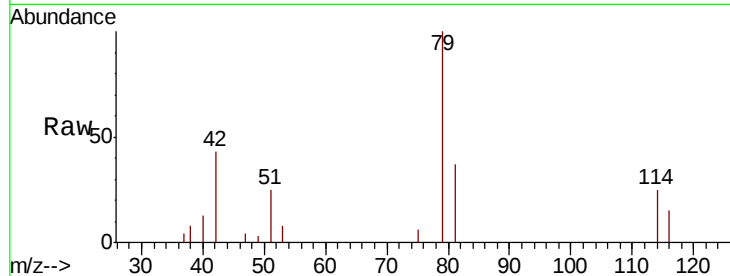
C0AW7

Tot Ion: 75 Resp: 336

Ion Ratio Lower Upper

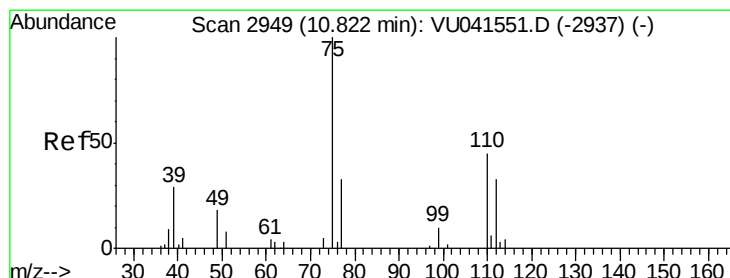
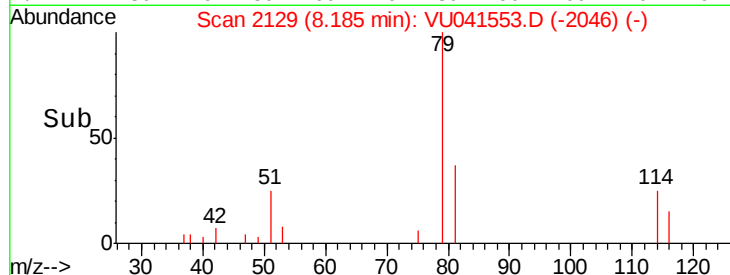
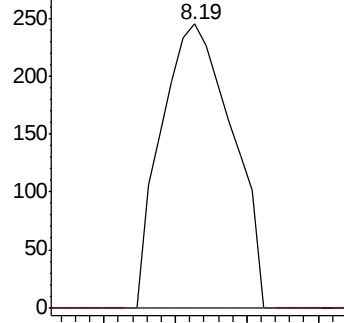
75 100

77 0.0 22.7 42.3#



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: 0.814 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041553.D

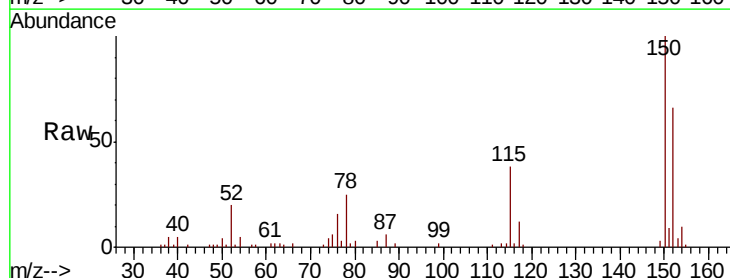
Acq: 10 Dec 2020 22:47

Tgt Ion: 75 Resp: 1740

Ion Ratio Lower Upper

75 100

77 48.9 26.3 39.5#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

