

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090320\
 Data File : VU040034.D
 Acq On : 03 Sep 2020 15:33
 Operator : SY/MD
 Sample : L3891-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW2A1

Quant Time: Sep 04 03:03:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 04 02:55:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105791	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	47986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29129	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.92	69	25997	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.60%
11) 1,1-Dichloroethene-d2	2.58	63	49644	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.64	46	127047	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	5.08	84	70172	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	44583	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	132755	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	6.70	67	43838	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.91	98	110806	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	8.18	79	17789	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.64	63	95235	53.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38135	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	42663	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

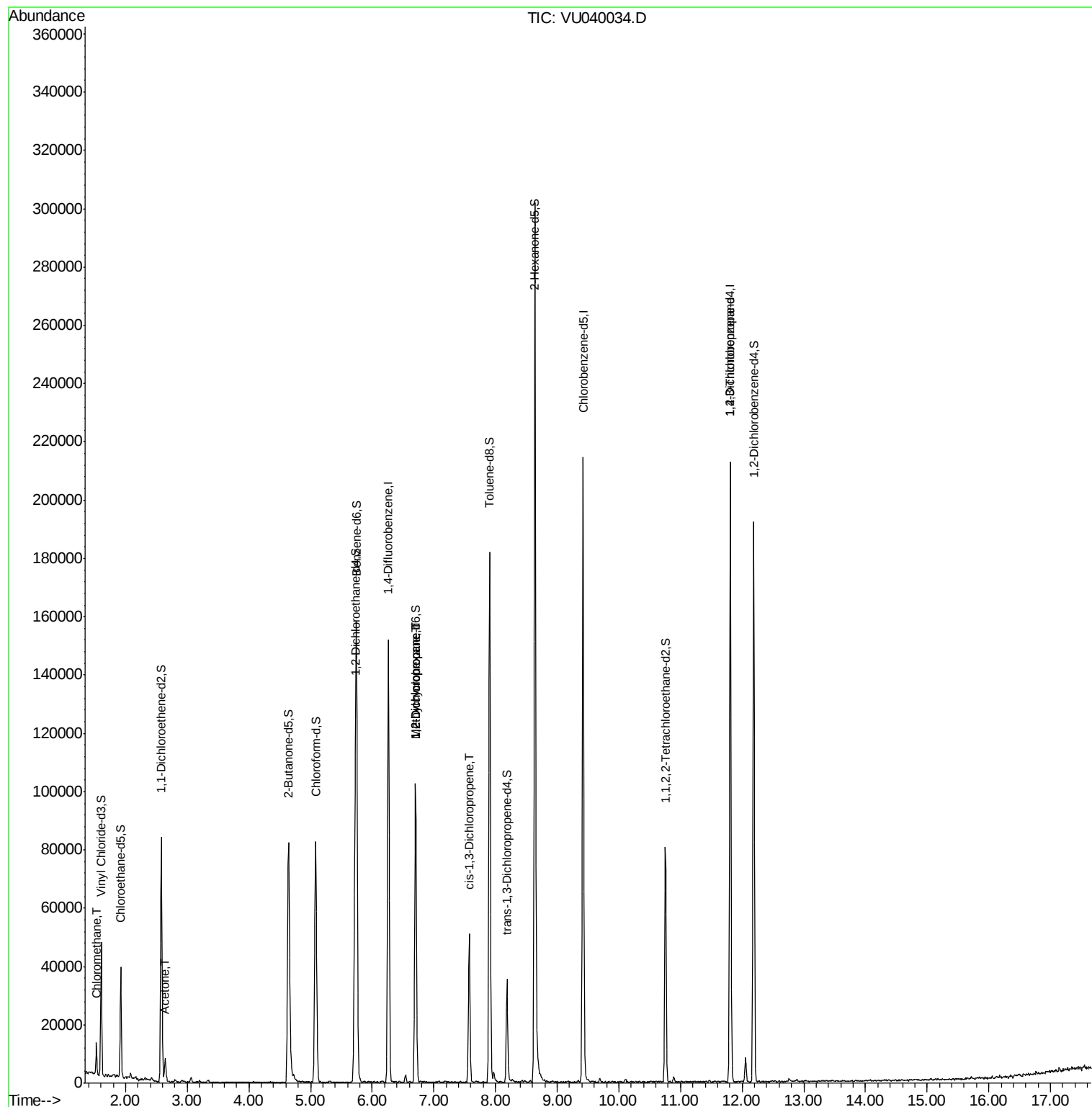
					Ovalue
3) Chloromethane	1.53	50	6459	0.622 ug/L	100
13) Acetone	2.64	43	8987	4.070 ug/L	96
35) Methylcyclohexane	6.70	83	10480	0.674 ug/L #	16
37) 1,2-Dichloropropane	6.70	63	5424	0.529 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1338	0.089 ug/L #	37
59) 1,2,3-Trichloropropane	11.80	75	7798	1.027 ug/L #	81

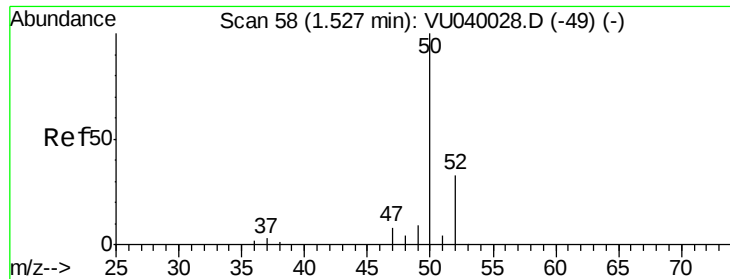
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.622 ug/L

RT: 1.53 min Scan# 58

Delta R.T. 0.00 min

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Acq: 03 Sep 2020 15:33

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MSVOA_U

ClientSampleId :

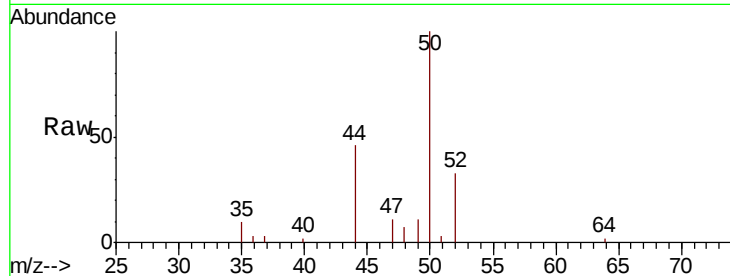
EW2A1

Tot Ion: 50 Resp: 6459

Ion Ratio Lower Upper

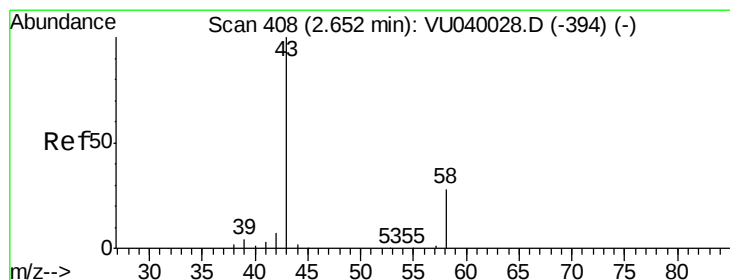
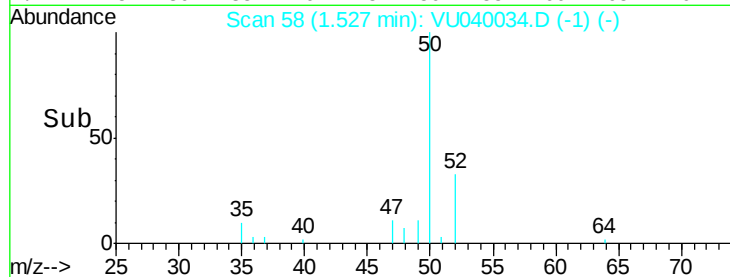
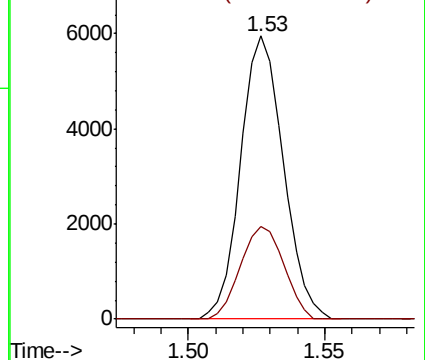
50 100

52 32.8 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 4.070 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.01 min

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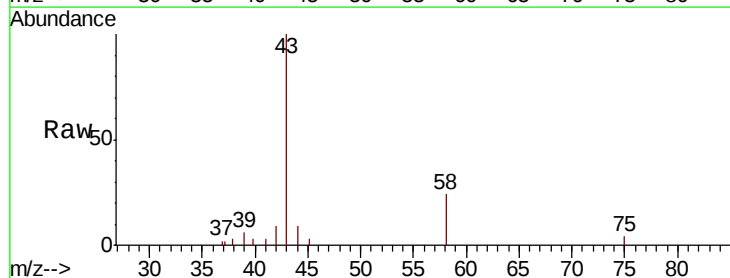
Acq: 03 Sep 2020 15:33

Tgt Ion: 43 Resp: 8987

Ion Ratio Lower Upper

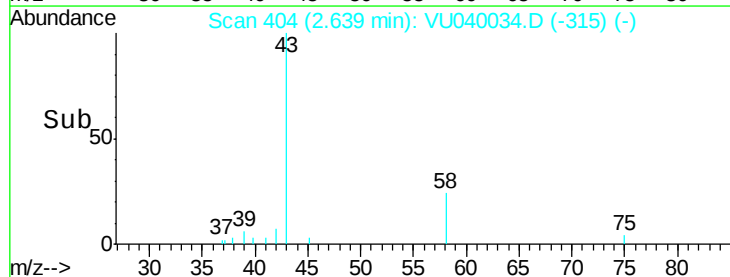
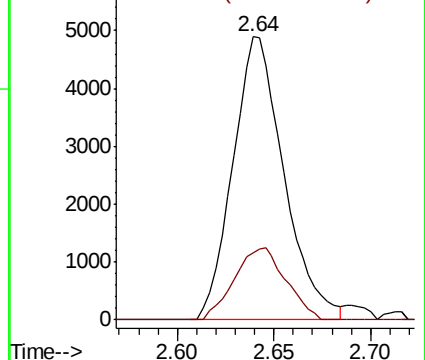
43 100

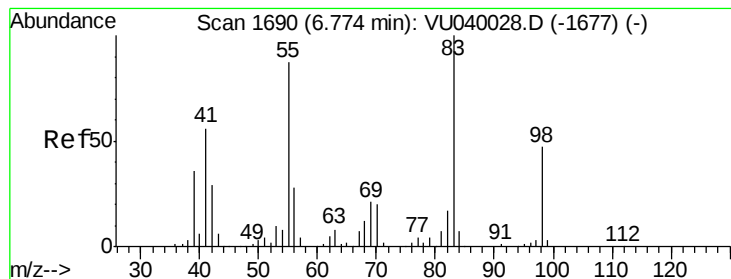
58 25.7 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#35

Methvlcvclohexane

Concen: 0.674 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

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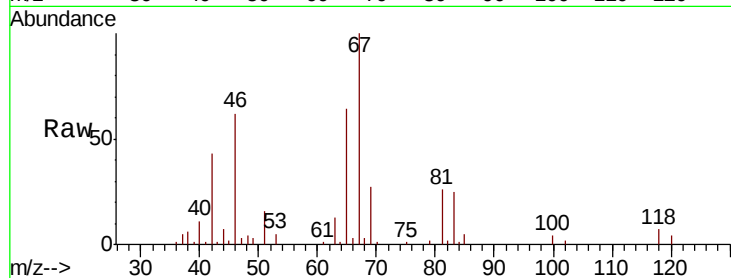
Tot Ion: 83 Resp: 10480

Ion Ratio Lower Upper

83 100

55 0.0 70.5 105.7#

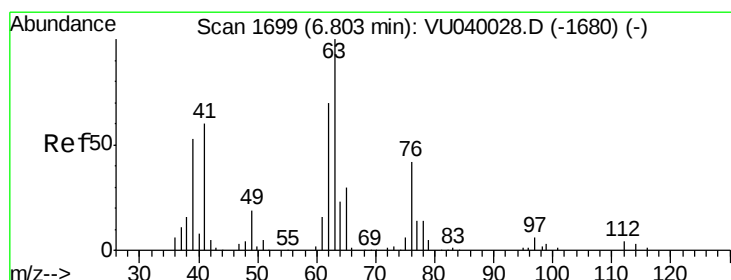
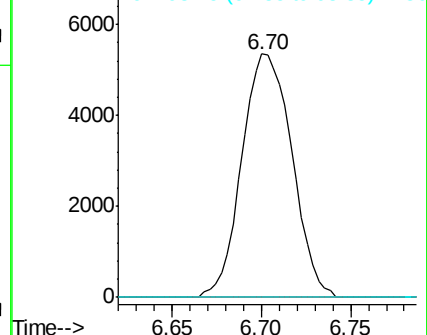
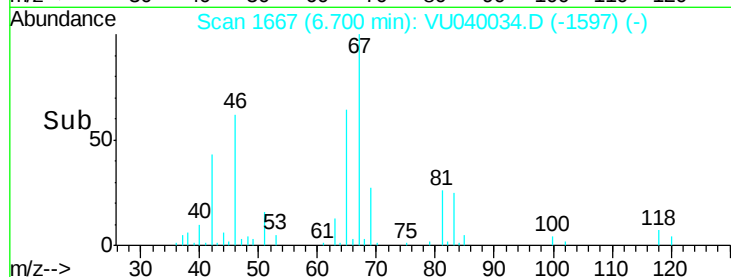
98 5.0 37.8 56.6#



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



#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU040034.D

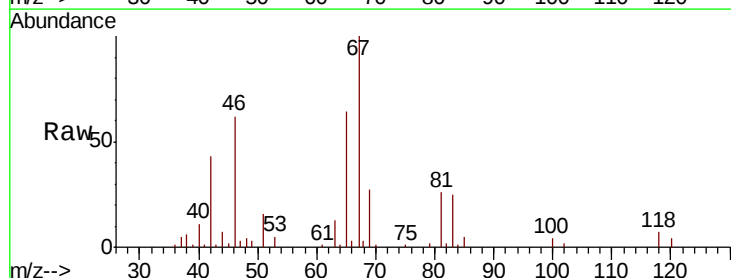
Acq: 03 Sep 2020 15:33

Tgt Ion: 63 Resp: 5424

Ion Ratio Lower Upper

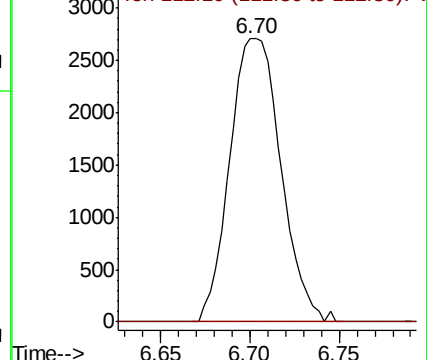
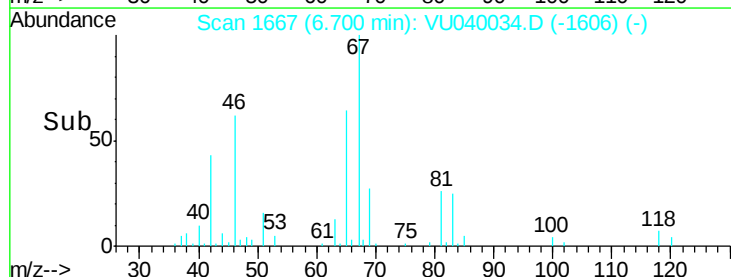
63 100

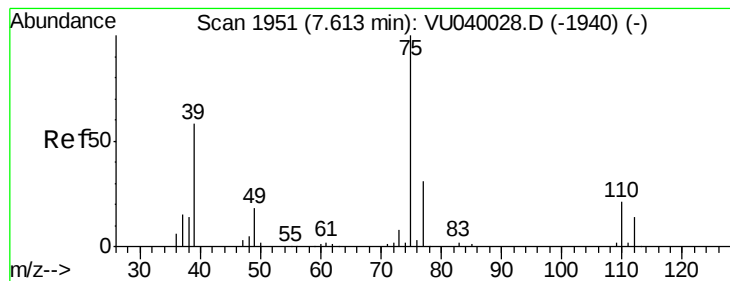
112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040034.D

Acq: 03 Sep 2020 15:33

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ClientSampleId :

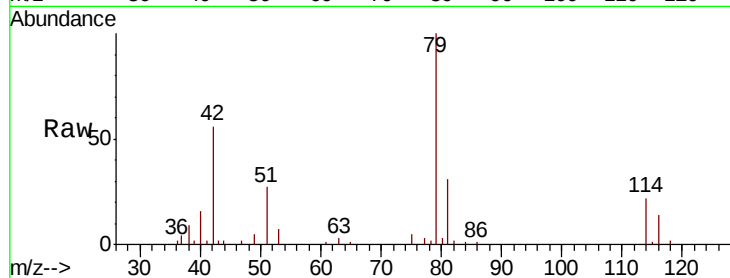
EW2A1

Tot Ion: 75 Resp: 1338

Ion Ratio Lower Upper

75 100

77 64.5 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.57

800

600

400

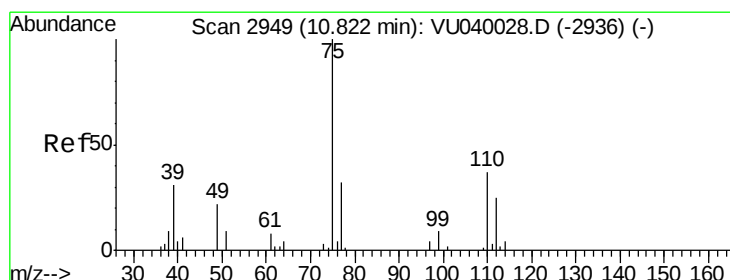
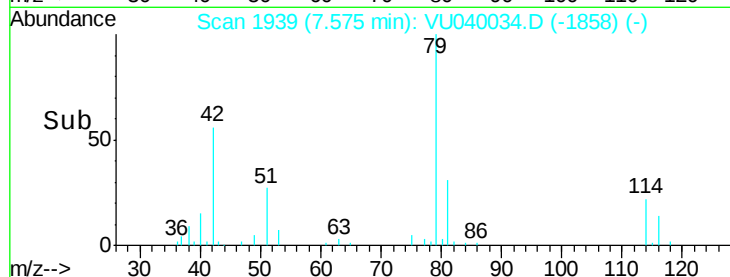
200

0

7.55

7.60

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.027 ug/L

RT: 11.80 min Scan# 3254

Delta R.T. 0.98 min

Lab File: VU040034.D

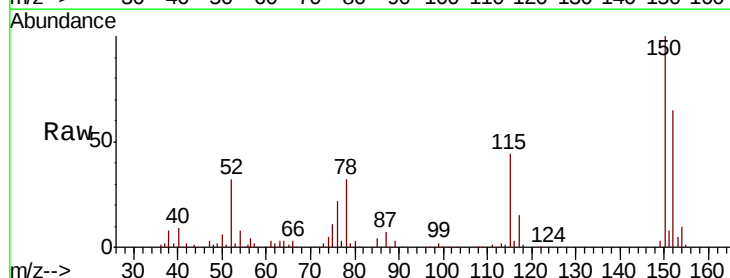
Acq: 03 Sep 2020 15:33

Tgt Ion: 75 Resp: 7798

Ion Ratio Lower Upper

75 100

77 41.7 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.80

5000

4000

3000

2000

1000

0

11.75

11.85

Time-->

