

Data File : VU037343.D
Acq On : 19 Mar 2020 17:52
Operator : JC/MD
Sample : L1983-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 20 02:01:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	142701	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	144127	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	68950	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28363	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.93	69	29501	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.59	63	45401	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	4.67	46	112029	49.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.76%
24) Chloroform-d	5.11	84	78186	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.74	65	46712	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	134511	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.73	67	45725	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.92	98	120158	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	8.20	79	19040	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.66	63	93109	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	40679	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	51609	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

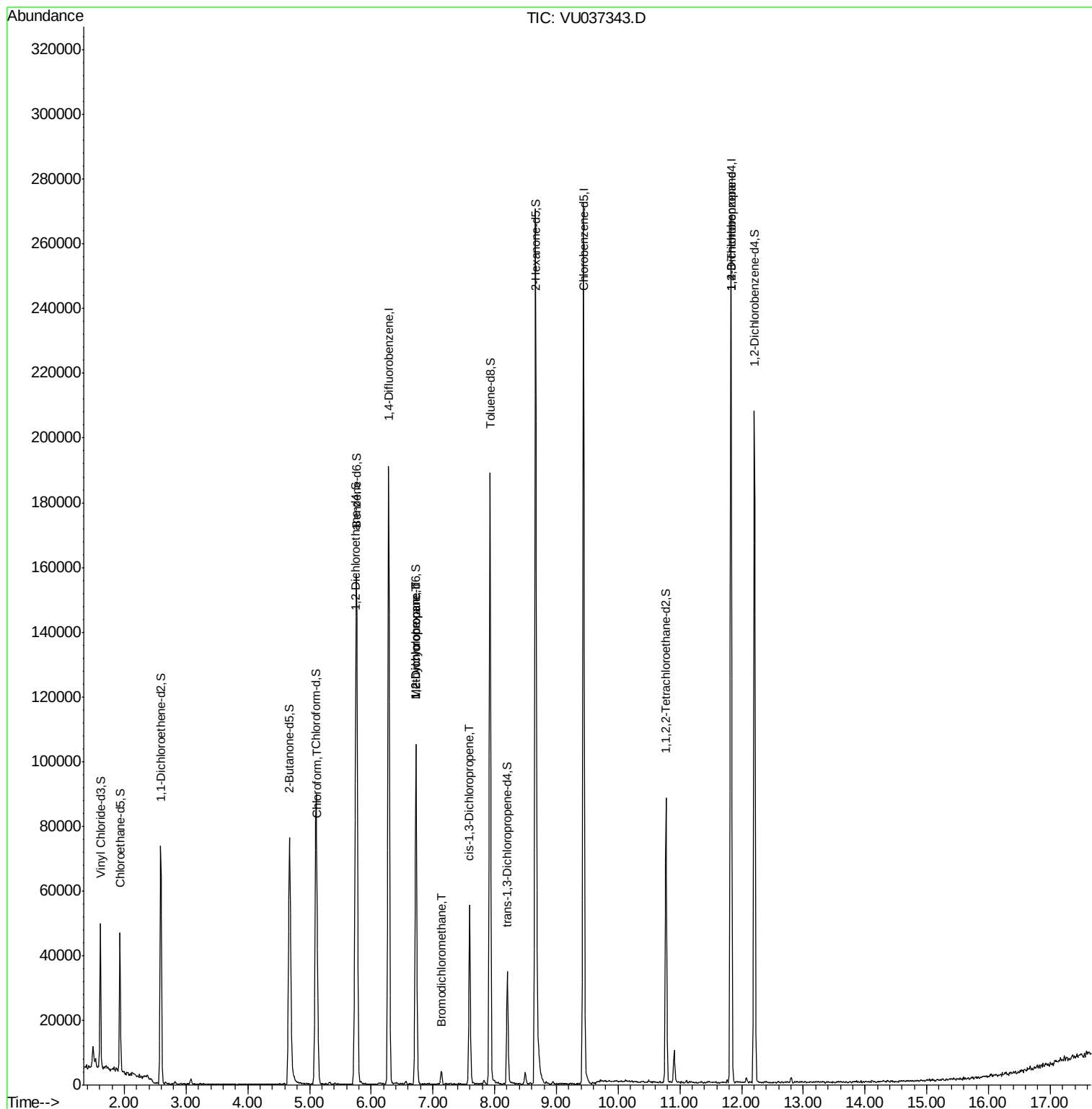
					Qvalue
25) Chloroform	5.13	83	15920	0.736 ug/L	93
35) Methylcyclohexane	6.72	83	11119	0.622 ug/L #	16
37) 1,2-Dichloropropane	6.73	63	5895	0.515 ug/L #	88
38) Bromodichloromethane	7.14	83	2595	0.161 ug/L #	92
39) cis-1,3-Dichloropropene	7.59	75	1587	0.092 ug/L #	76
59) 1,2,3-Trichloropropane	11.83	75	8844	1.088 ug/L #	87

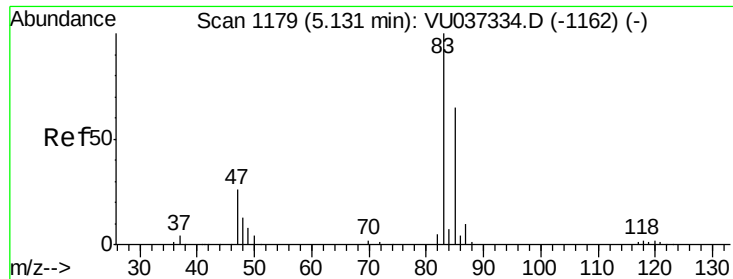
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU037343.D
Acq On : 19 Mar 2020 17:52
Operator : JC/MD
Sample : L1983-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Quant Time: Mar 20 02:01:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 20 01:58:25 2020
Response via : Initial Calibration

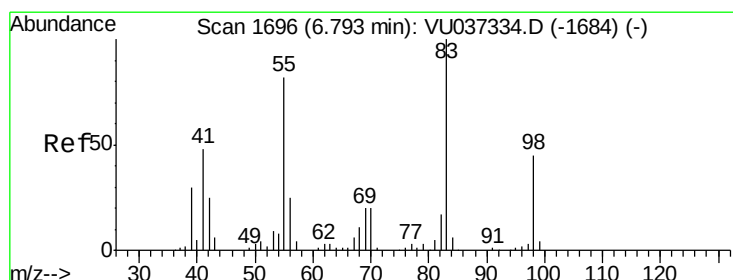
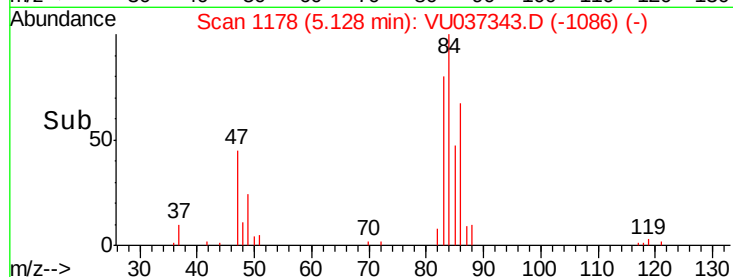
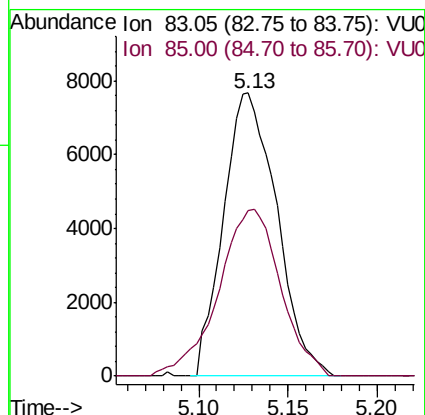
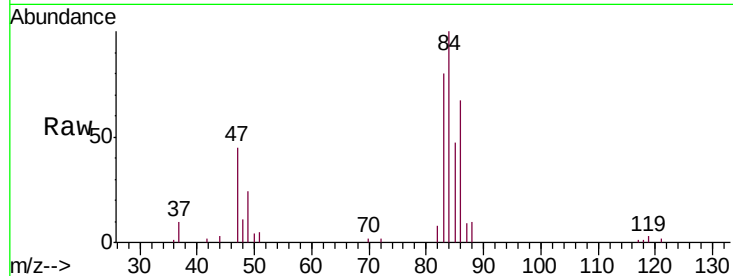




#25
Chloroform
Concen: 0.736 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VU037343.D
Acq: 19 Mar 2020 17:52

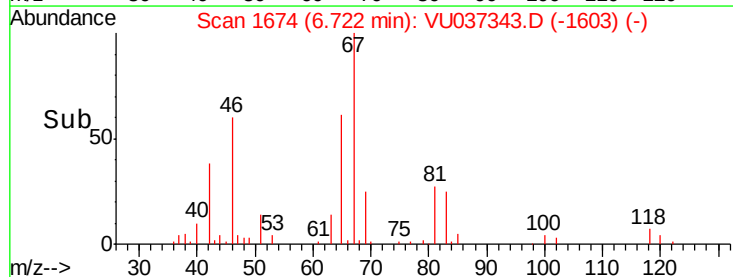
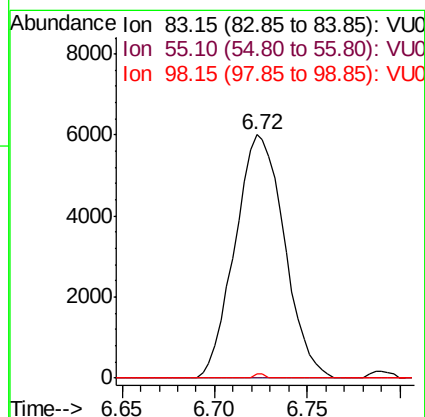
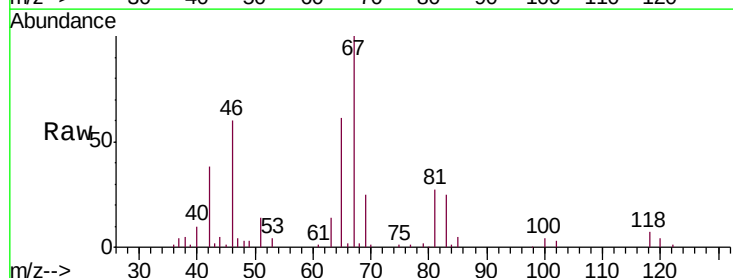
Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

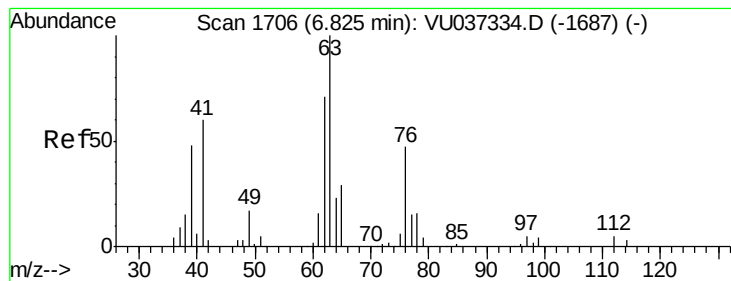
Tgt Ion: 83 Resp: 15920
Ion Ratio Lower Upper
83 100
85 58.5 44.7 82.9



#35
Methylcyclohexane
Concen: 0.622 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037343.D
Acq: 19 Mar 2020 17:52

Tgt Ion: 83 Resp: 11119
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.6#
98 0.4 37.4 56.0#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.73 min Scan# 1675

Delta R.T. -0.10 min

Lab File: VU037343.D

Acq: 19 Mar 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

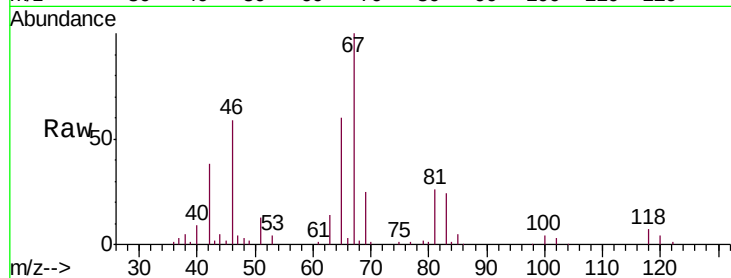
VHBLK01

Tgt Ion: 63 Resp: 5895

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU037343.D (-1687) (-)

Ion 112.10 (111.80 to 112.80): VU037343.D (-1687) (-)

6.73

3000

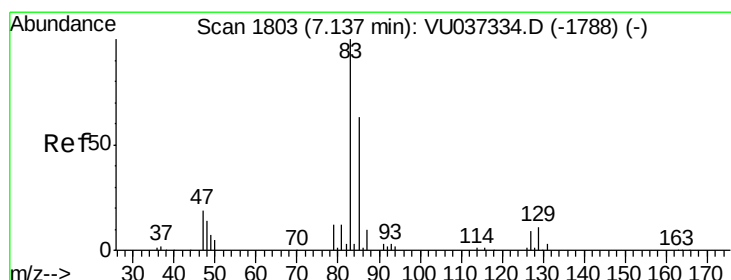
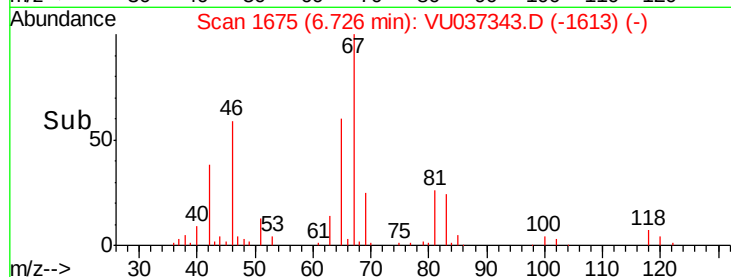
2000

1000

0

6.65 6.70 6.75

Time-->



#38

Bromodichloromethane

Concen: 0.161 ug/L

RT: 7.14 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VU037343.D

Acq: 19 Mar 2020 17:52

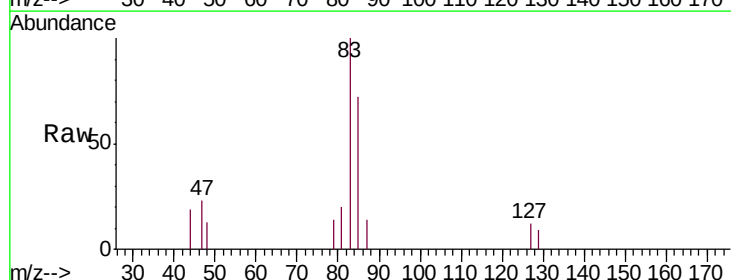
Tgt Ion: 83 Resp: 2595

Ion Ratio Lower Upper

83 100

85 71.7 45.8 85.0

127 11.9 7.0 10.6#



Abundance Ion 82.95 (82.65 to 83.65): VU037334.D (-1788) (-)

Ion 85.00 (84.70 to 85.70): VU037334.D (-1788) (-)

Ion 126.90 (126.60 to 127.60): VU037334.D (-1788) (-)

7.14

2000

1500

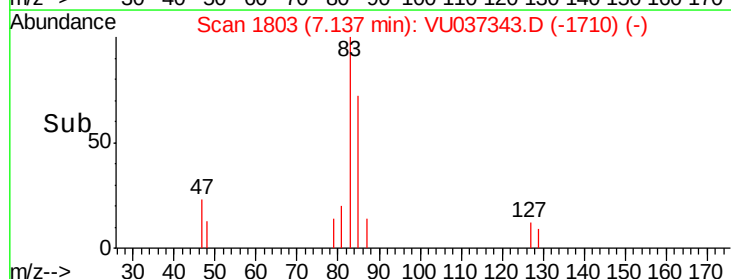
1000

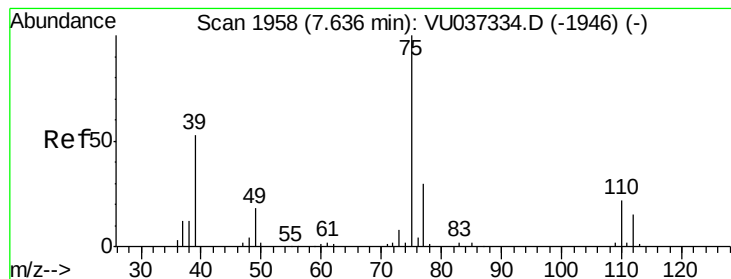
500

0

7.10 7.15

Time-->





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.59 min Scan# 1945

Delta R.T. -0.04 min

Lab File: VU037343.D

Acq: 19 Mar 2020 17:52

Instrument :

MSVOA_U

ClientSampleId :

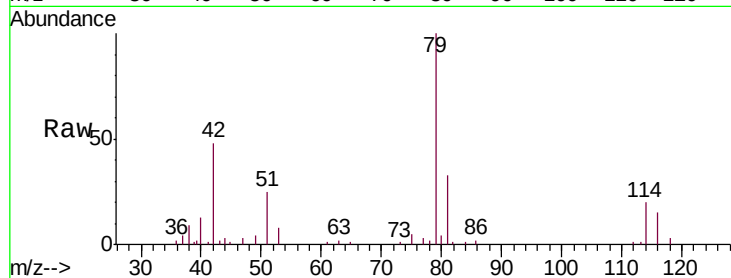
VHBLK01

Tgt Ion: 75 Resp: 1587

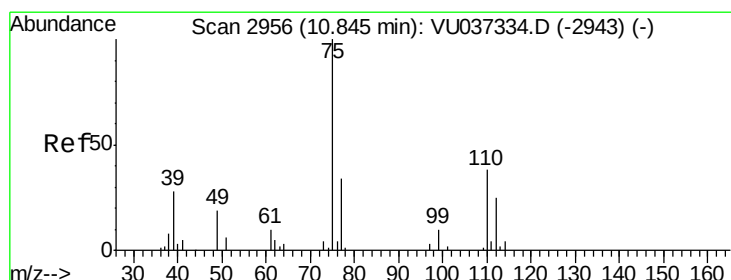
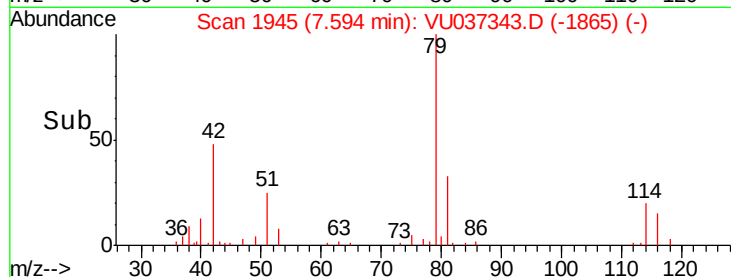
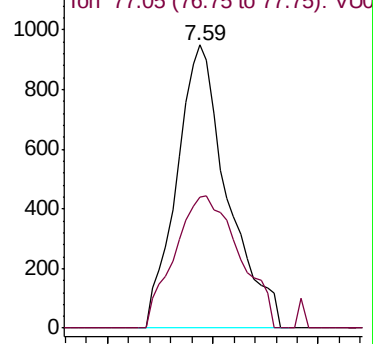
Ion Ratio Lower Upper

75 100

77 46.3 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VU037343.D (-1946) (-)



#59

1,2,3-Trichloropropane

Concen: 1.088 ug/L

RT: 11.83 min Scan# 3262

Delta R.T. 0.98 min

Lab File: VU037343.D

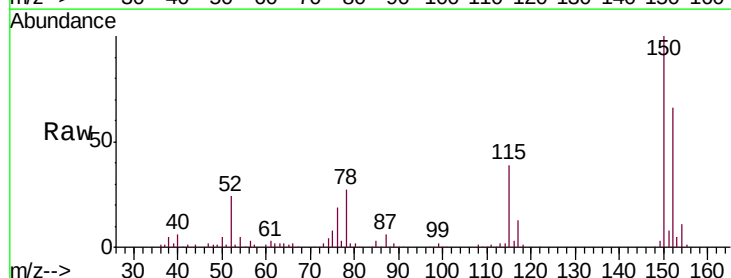
Acq: 19 Mar 2020 17:52

Tgt Ion: 75 Resp: 8844

Ion Ratio Lower Upper

75 100

77 40.3 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU037334.D (-2943) (-)

