

Data File : VU031393.D
Acq On : 22 Apr 2019 14:54
Operator : JC/SP
Sample : K2403-22RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5133

Quant Time: Apr 23 01:03:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:59:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	591661	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	534320	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182150	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	155721	28.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.16%#
7) Chloroethane-d5	1.68	69	136405	28.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.66%#
11) 1,1-Dichloroethene-d2	2.27	63	219687	20.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	40.70%#
21) 2-Butanone-d5	4.19	46	373480	94.11	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.11%
24) Chloroform-d	4.64	84	299811	32.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.96%#
26) 1,2-Dichloroethane-d4	5.31	65	189945	33.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.86%#
32) Benzene-d6	5.34	84	593209	35.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.24%
36) 1,2-Dichloropropane-d6	6.33	67	210195	38.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	76.68%
41) Toluene-d8	7.56	98	500747	33.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.38%#
43) trans-1,3-Dichloropropene-	7.85	79	85573	32.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.32%
47) 2-Hexanone-d5	8.31	63	250810	96.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	236768	31.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	62.22%#
64) 1,2-Dichlorobenzene-d4	11.86	152	149051	35.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.36%#

Target Compounds

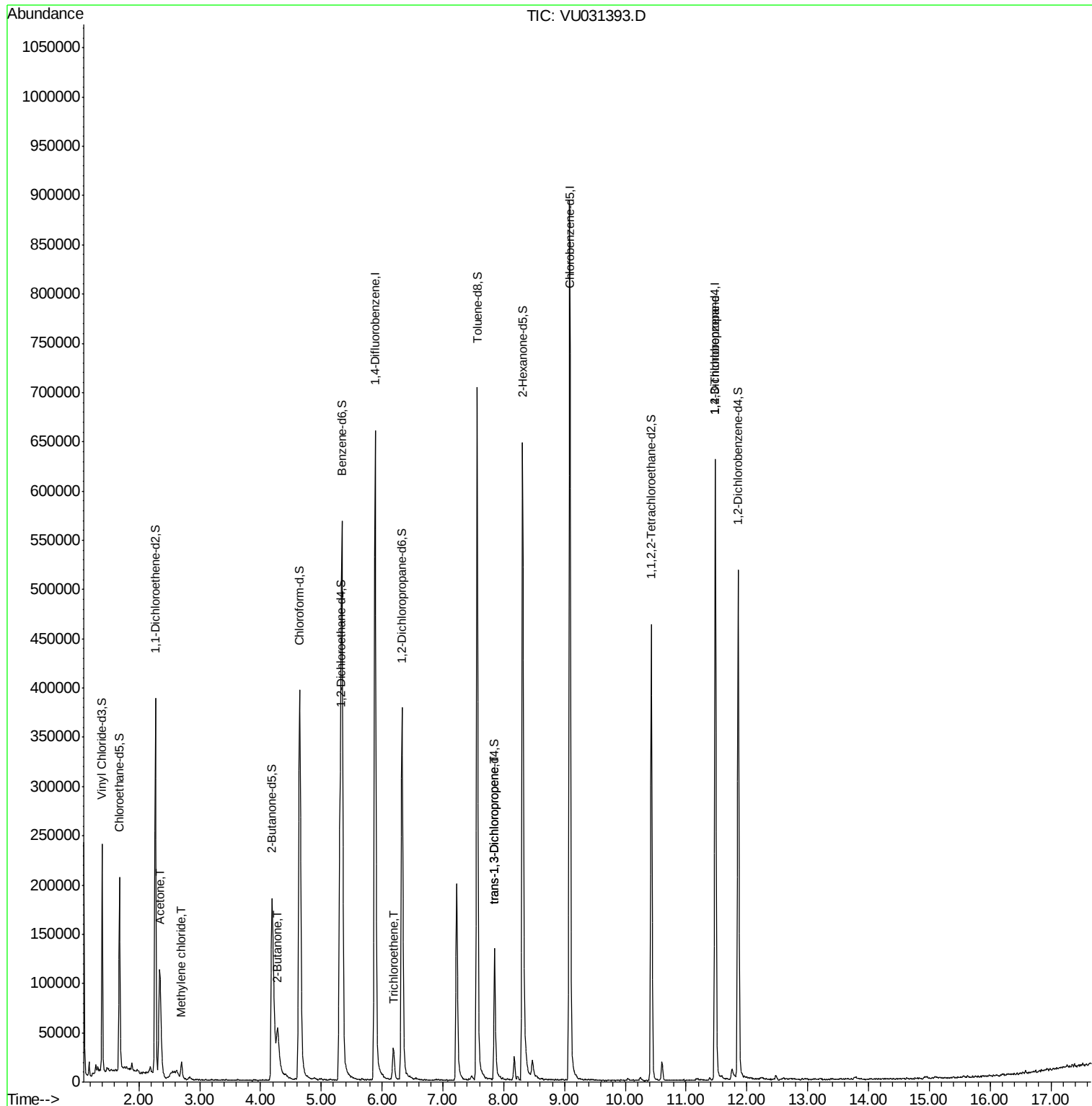
						Qvalue
13) Acetone	2.34	43	180815	59.206	ug/L	96
16) Methylene chloride	2.70	84	7571	1.678	ug/L	88
22) 2-Butanone	4.28	43	92992	22.219	ug/L	98
34) Trichloroethene	6.19	95	11361	2.527	ug/L	82
44) trans-1,3-Dichloropropene	7.85	75	3383	0.546	ug/L	84
59) 1,2,3-Trichloropropane	11.48	75	19525	3.449	ug/L #	87

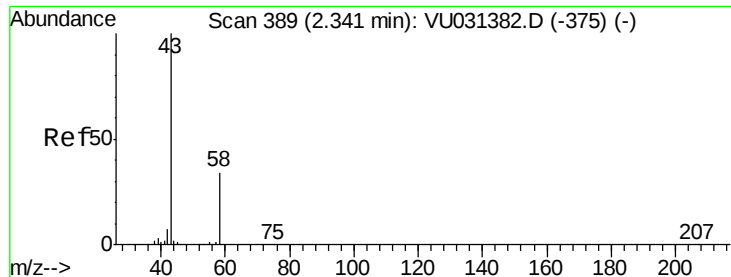
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 59.206 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.00 min

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Acq: 22 Apr 2019 14:54

Instrument :

MSVOA_U

ClientSampleId :

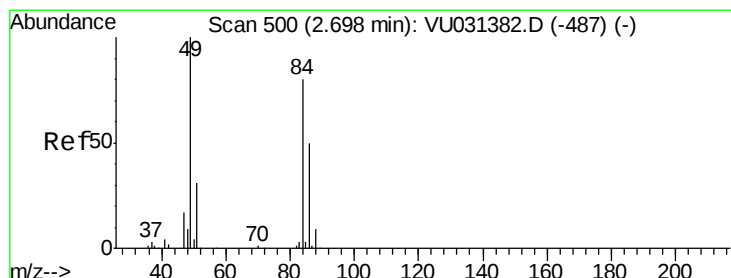
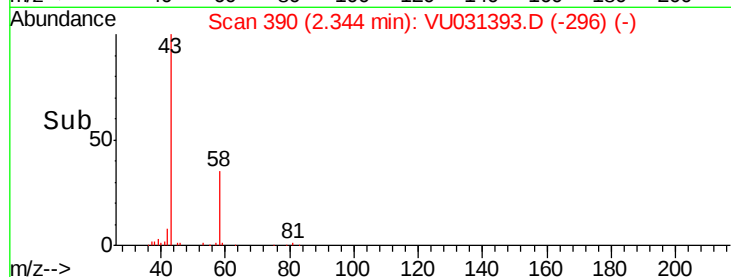
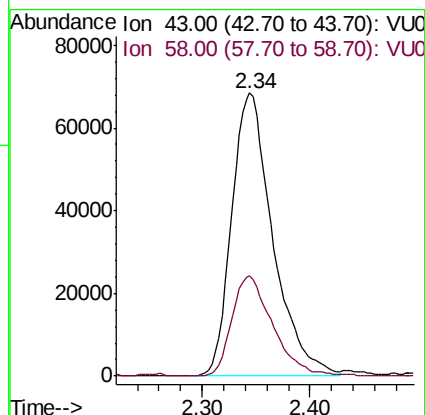
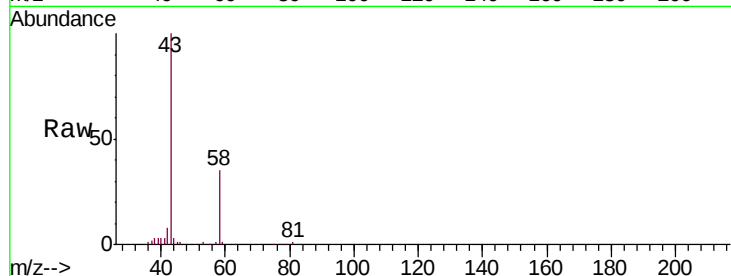
A5133

Tgt Ion: 43 Resp: 180815

Ion Ratio Lower Upper

43 100

58 34.7 0.0 65.0



#16

Methylene chloride

Concen: 1.678 ug/L

RT: 2.70 min Scan# 502

Delta R.T. 0.01 min

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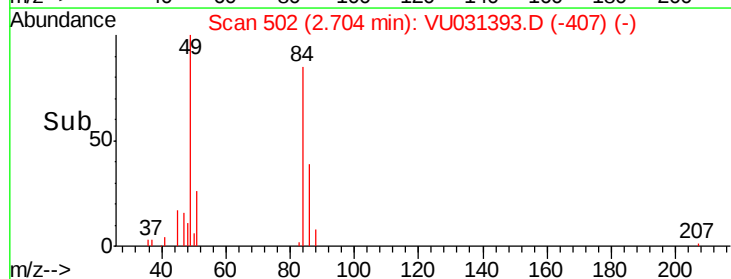
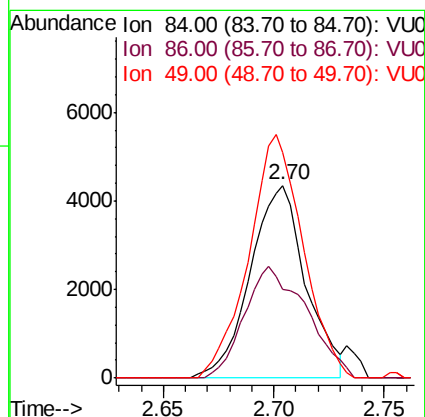
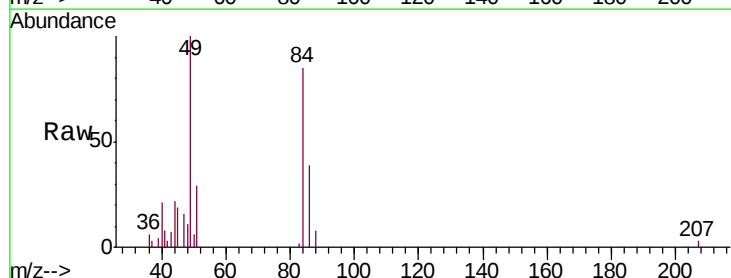
Tgt Ion: 84 Resp: 7571

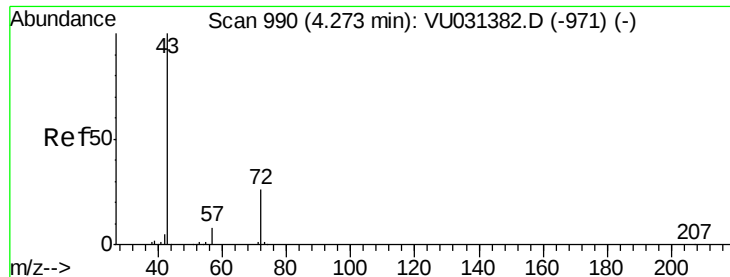
Ion Ratio Lower Upper

84 100

86 46.4 44.0 81.8

49 117.5 88.0 163.4





#22

2-Butanone

Concen: 22.219 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU031393.D

Acq: 22 Apr 2019 14:54

Instrument :

MSVOA_U

ClientSampleId :

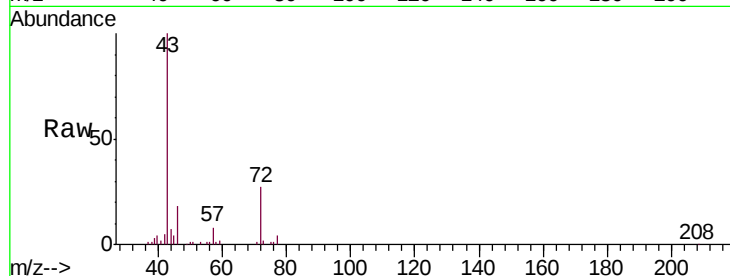
A5133

Tgt Ion: 43 Resp: 92992

Ion Ratio Lower Upper

43 100

72 24.3 12.6 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU031382.D (-971) (-)

Ion 72.00 (71.70 to 72.70): VU031382.D (-971) (-)

4.28

30000

25000

20000

15000

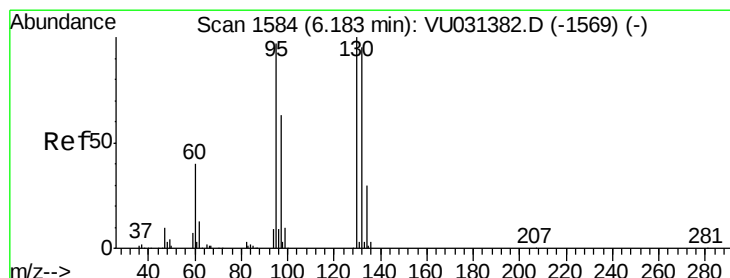
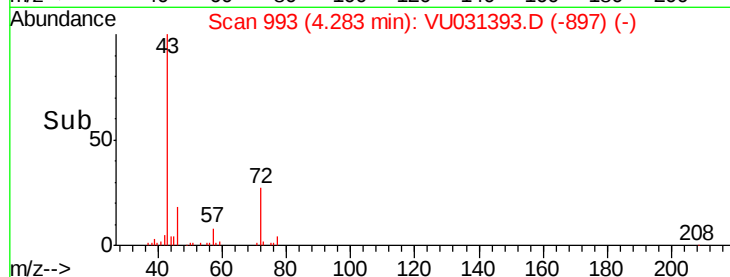
10000

5000

0

4.20 4.30 4.40

Time-->



#34

Trichloroethene

Concen: 2.527 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU031393.D

Acq: 22 Apr 2019 14:54

Tgt Ion: 95 Resp: 11361

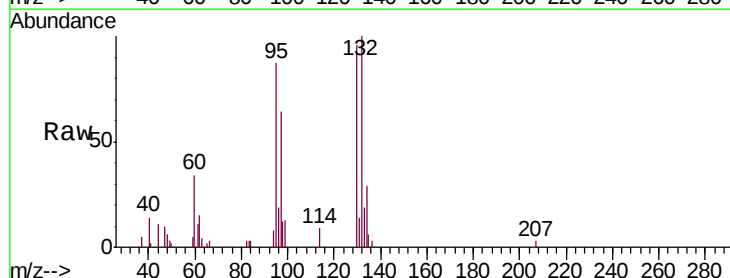
Ion Ratio Lower Upper

95 100

97 73.6 43.6 81.0

132 115.1 64.5 119.7

130 110.4 68.0 126.2



Abundance Ion 95.00 (94.70 to 95.70): VU031382.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031382.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031382.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031382.D (-1569) (-)

8000

6000

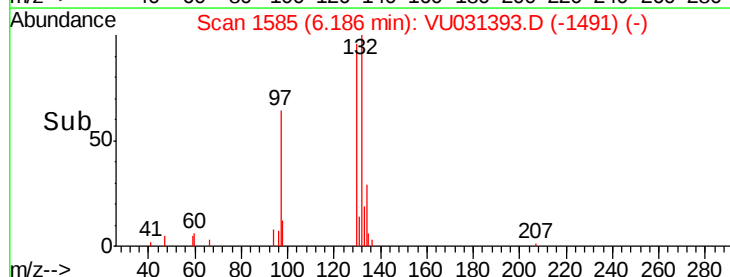
4000

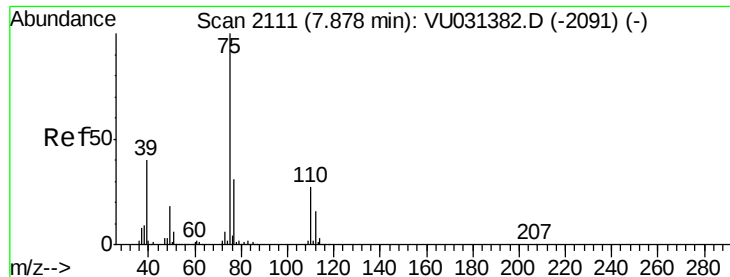
2000

0

6.15 6.20 6.25

Time-->





#44

trans-1,3-Dichloropropene

Concen: 0.546 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031393.D

Acq: 22 Apr 2019 14:54

Instrument :

MSVOA_U

ClientSampleId :

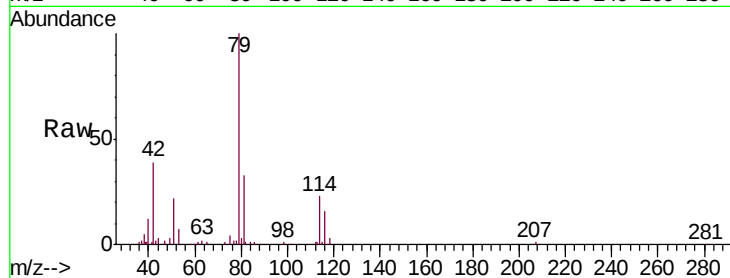
A5133

Tgt Ion: 75 Resp: 3383

Ion Ratio Lower Upper

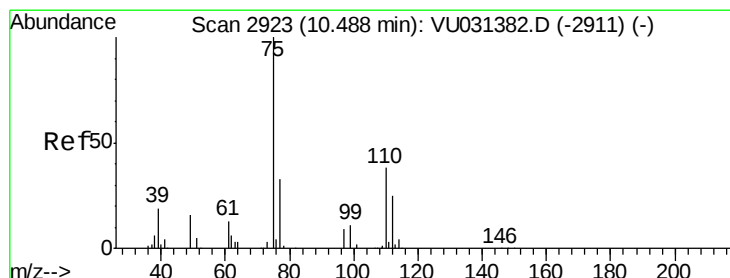
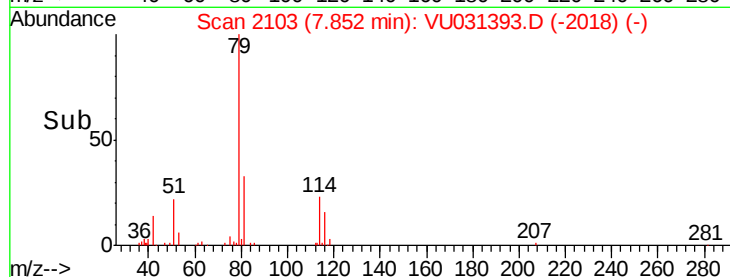
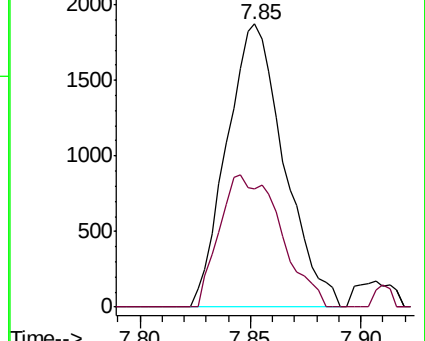
75 100

77 41.8 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 3.449 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031393.D

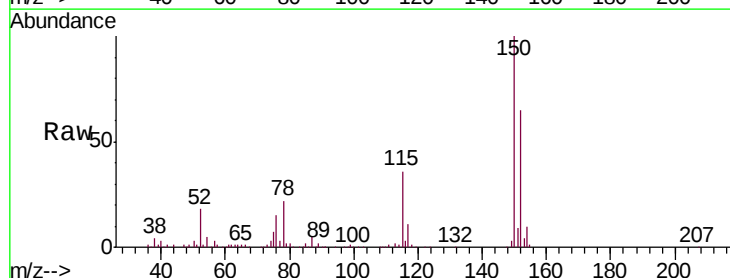
Acq: 22 Apr 2019 14:54

Tgt Ion: 75 Resp: 19525

Ion Ratio Lower Upper

75 100

77 39.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

