

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100720\
 Data File : VU040546.D
 Acq On : 07 Oct 2020 15:35
 Operator : SY/MD
 Sample : VU1007WBL07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK210

Quant Time: Oct 08 01:20:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 01:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	269970	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	269385	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	123155	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	104756	45.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.36%
7) Chloroethane-d5	1.92	69	85071	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.32%
11) 1,1-Dichloroethene-d2	2.58	63	157636	35.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.26%
21) 2-Butanone-d5	4.64	46	215162	116.94	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.94%
24) Chloroform-d	5.08	84	194070	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
26) 1,2-Dichloroethane-d4	5.72	65	136479	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
32) Benzene-d6	5.75	84	371785	48.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.98%
36) 1,2-Dichloropropane-d6	6.70	67	126129	49.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.16%
41) Toluene-d8	7.91	98	321260	46.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.44%
43) trans-1,3-Dichloropropene-	8.19	79	60091	46.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.44%
47) 2-Hexanone-d5	8.64	63	137530	114.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.81%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	182003	49.03	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.06%
66) 1,2-Dichlorobenzene-d4	12.19	152	128257	51.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.34%

Target Compounds

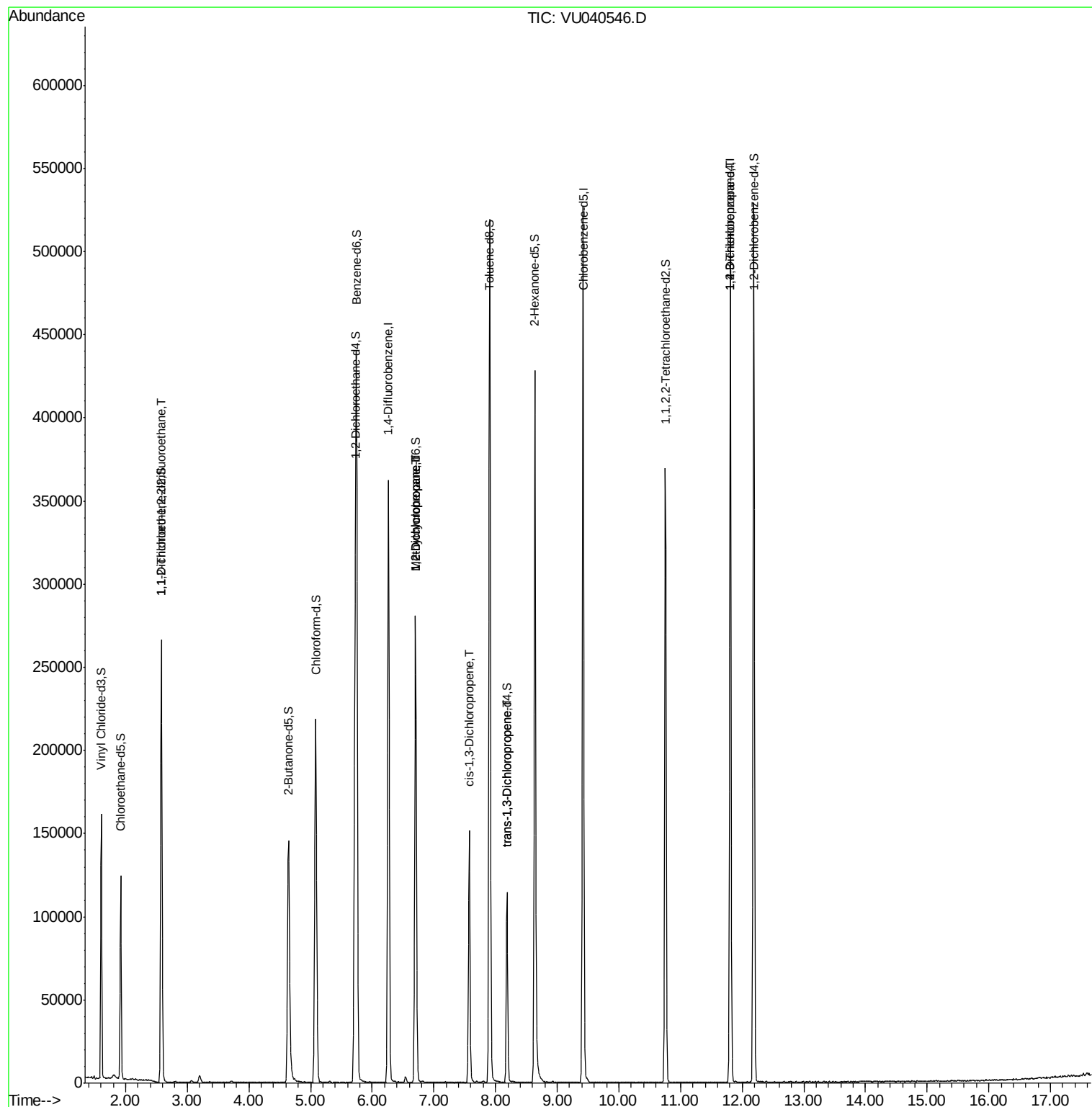
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1364	0.660	ug/L #	22
35) Methylcyclohexane	6.70	83	29175	8.555	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	14334	5.995	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	3903	1.114	ug/L #	75
44) trans-1,3-Dichloropropene	8.19	75	2806	0.795	ug/L #	80
60) 1,2,3-Trichloropropane	11.81	75	16703	5.971	ug/L #	64

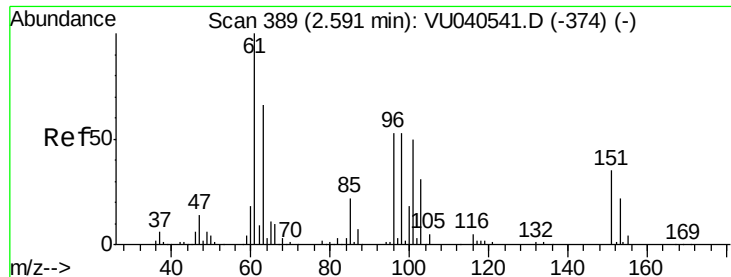
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.660 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

VBLK210

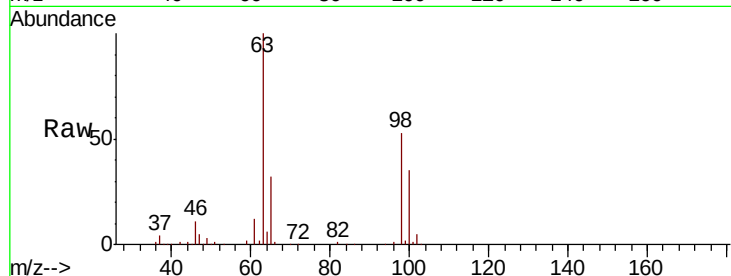
Tot Ion:101 Resp: 1364

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

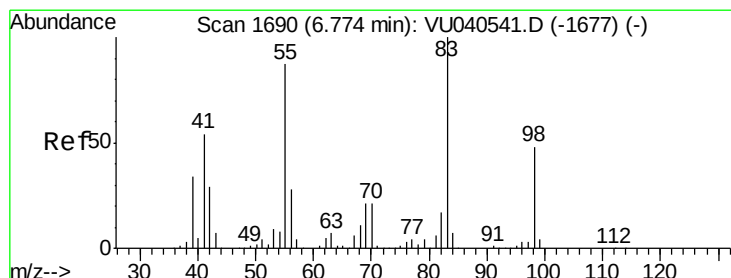
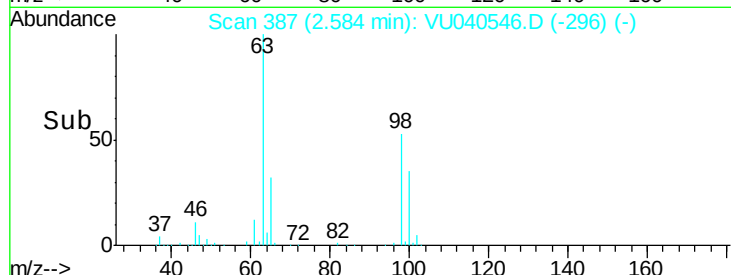
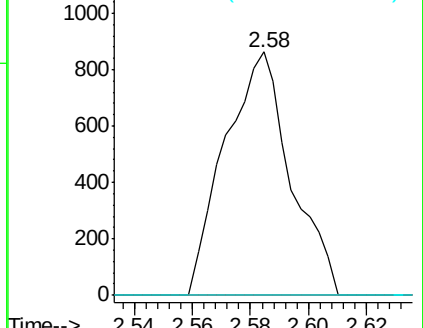
151 0.0 54.8 82.2#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#35

Methylcyclohexane

Concen: 8.555 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU040546.D

Acq: 07 Oct 2020 15:35

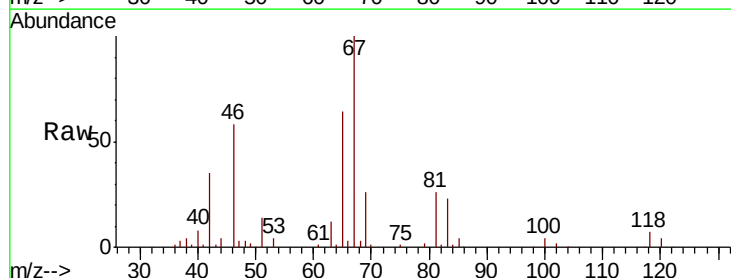
Tgt Ion: 83 Resp: 29175

Ion Ratio Lower Upper

83 100

55 0.1 69.8 104.8#

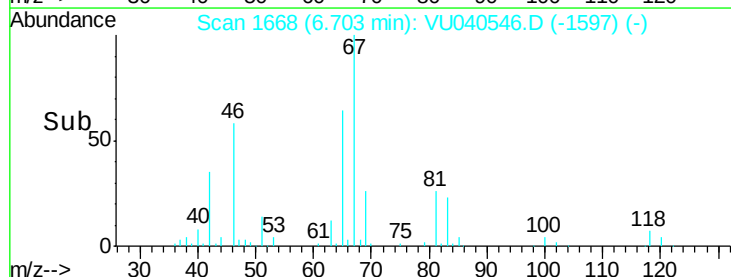
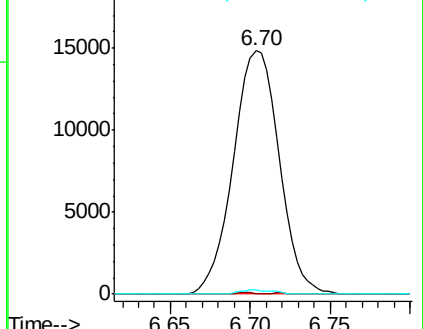
98 0.8 39.1 58.7#

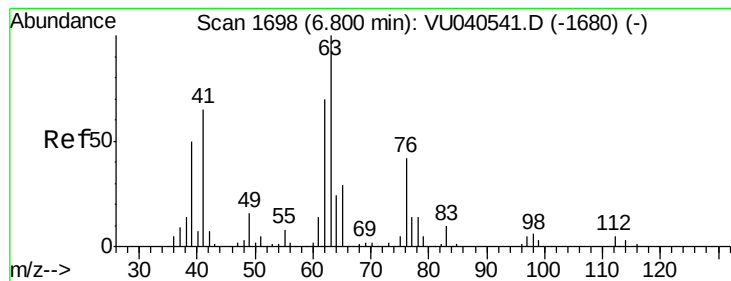


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.995 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040546.D

Acq: 07 Oct 2020 15:35

Instrument :

MSVOA_U

ClientSampled :

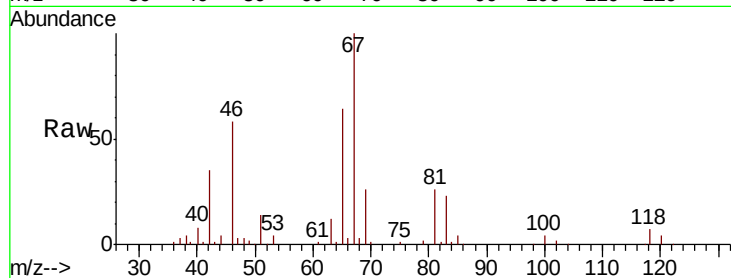
VBLK210

Tot Ion: 63 Resp: 14334

Ion Ratio Lower Upper

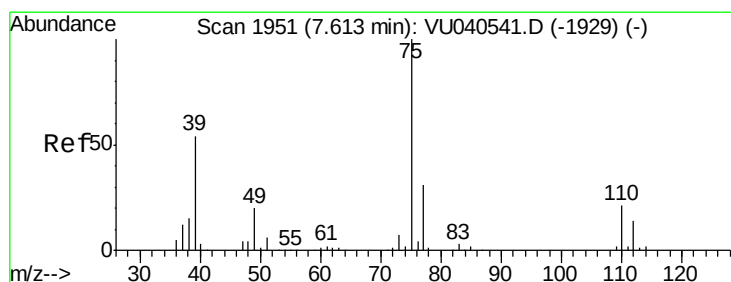
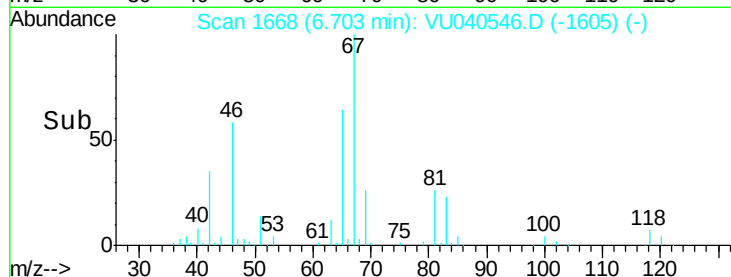
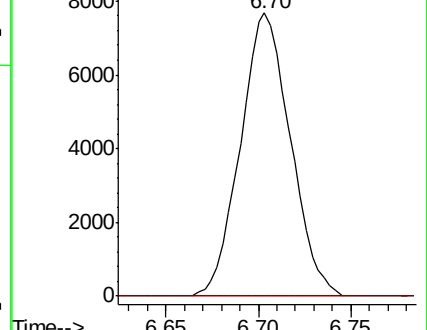
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VU040541.D (-1680) (-)

Ion 112.00 (111.70 to 112.70): VU040541.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 1.114 ug/L

RT: 7.57 min Scan# 1939

Delta R.T. -0.04 min

Lab File: VU040546.D

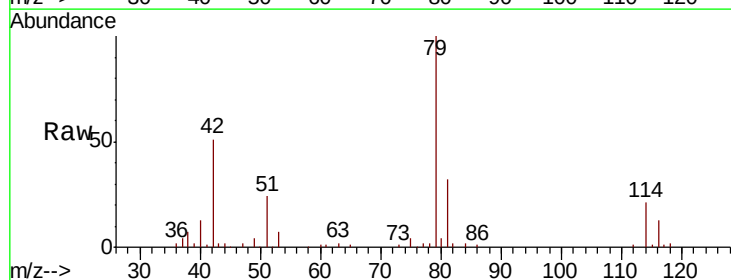
Acq: 07 Oct 2020 15:35

Tgt Ion: 75 Resp: 3903

Ion Ratio Lower Upper

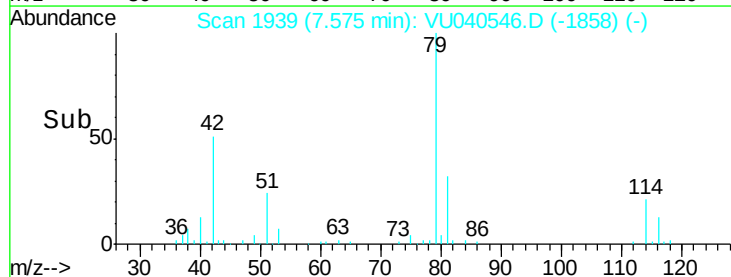
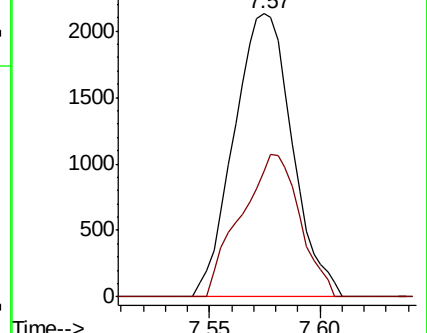
75 100

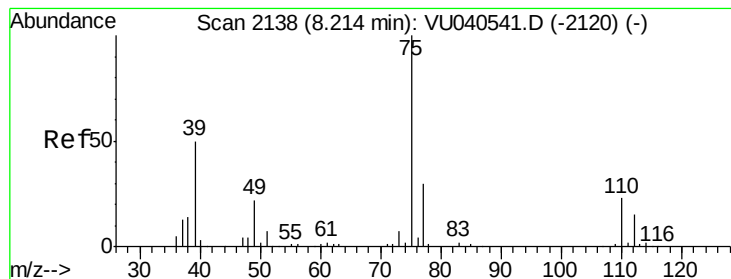
77 44.4 21.4 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU040541.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VU040541.D (-1929) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040546.D

Acq: 07 Oct 2020 15:35

Instrument :

MSVOA_U

ClientSampleId :

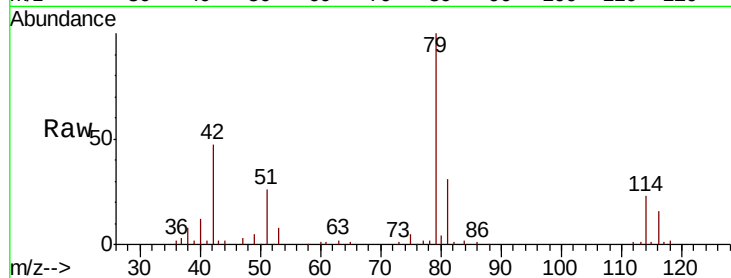
VBLK210

Tot Ion: 75 Resp: 2806

Ion Ratio Lower Upper

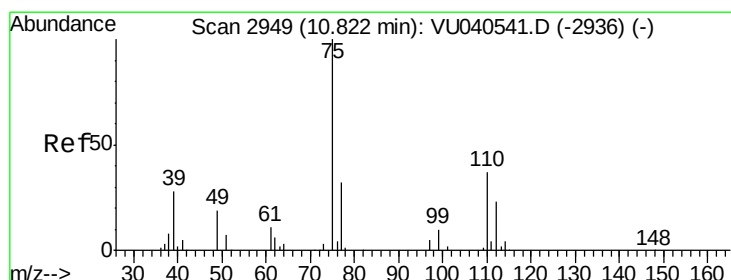
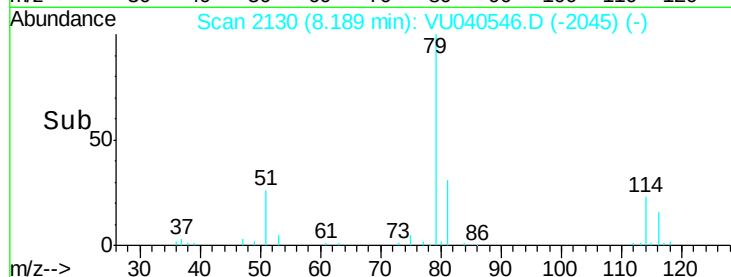
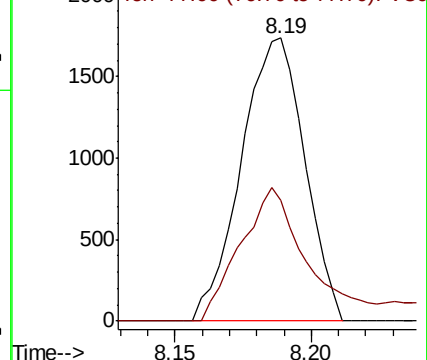
75 100

77 42.9 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#60

1,2,3-Trichloropropane

Concen: 5.971 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040546.D

Acq: 07 Oct 2020 15:35

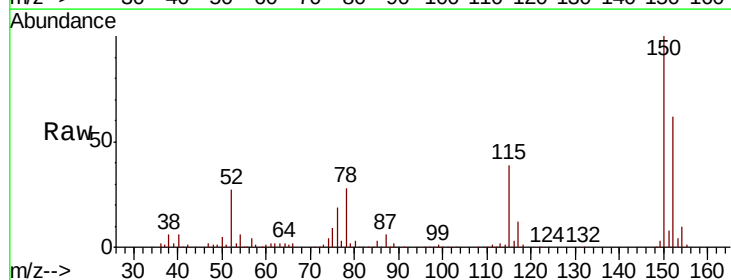
Tgt Ion: 75 Resp: 16703

Ion Ratio Lower Upper

75 100

77 39.1 26.4 39.6

110 3.2 30.1 45.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

