

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122420\
 Data File : VU041799.D
 Acq On : 24 Dec 2020 10:06
 Operator : SY/MD
 Sample : PB133786TB 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB001

Quant Time: Dec 25 02:18:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM121620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 25 02:17:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	314995	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	296463	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	119340	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	130837	55.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.16%
7) Chloroethane-d5	1.92	69	119574	60.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.14%
11) 1,1-Dichloroethene-d2	2.58	63	187266	44.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.88%
21) 2-Butanone-d5	4.64	46	176679	98.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	5.08	84	208276	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
26) 1,2-Dichloroethane-d4	5.72	65	134360	50.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.72%
32) Benzene-d6	5.74	84	425747	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.14%
36) 1,2-Dichloropropane-d6	6.70	67	133191	50.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.18%
41) Toluene-d8	7.90	98	386359	47.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.72%
43) trans-1,3-Dichloropropene-	8.18	79	64842	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.64	63	142783	98.48	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.48%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	195564	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
66) 1,2-Dichlorobenzene-d4	12.19	152	134749	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

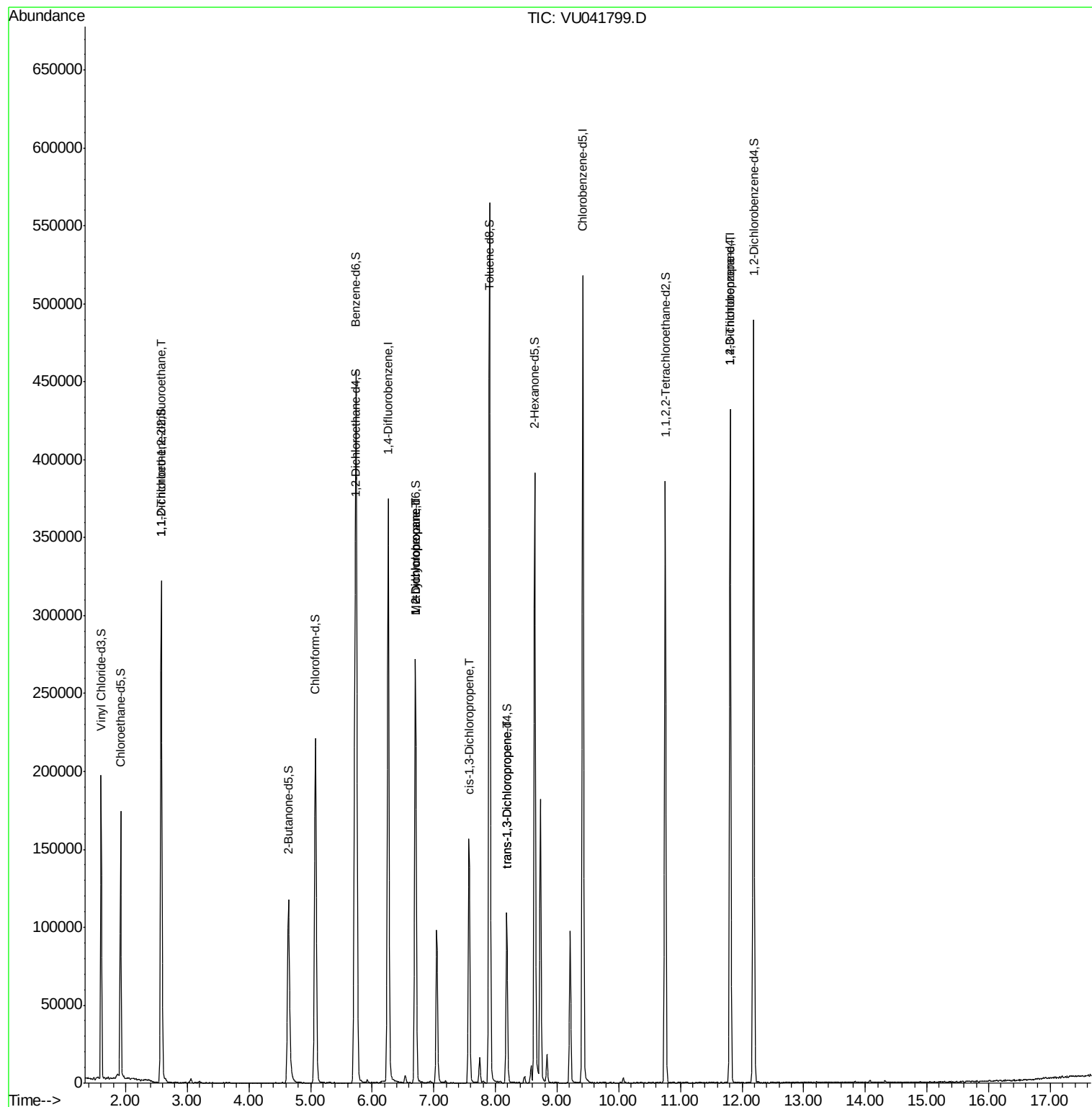
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1763	0.833 ug/L #	20
35) Methylcyclohexane	6.70	83	32297	8.388 ug/L #	20
37) 1,2-Dichloropropane	6.70	63	13769	5.848 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	3804	1.014 ug/L #	59
44) trans-1,3-Dichloropropene	8.18	75	2661	0.732 ug/L	94
60) 1,2,3-Trichloropropane	11.81	75	12559	4.598 ug/L #	62

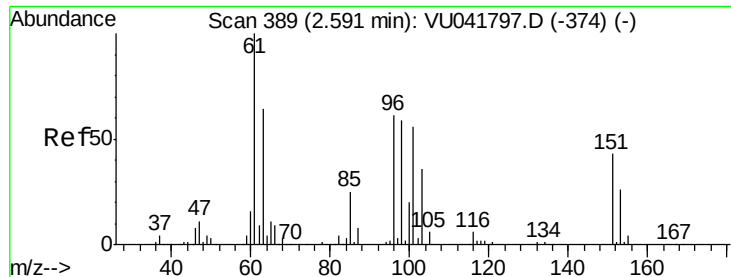
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 25 02:17:32 2020
Response via : Initial Calibration





#10

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

Concen: 0.833 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041799.D

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MSVOA_U

ClientSampleId :

VLEB001

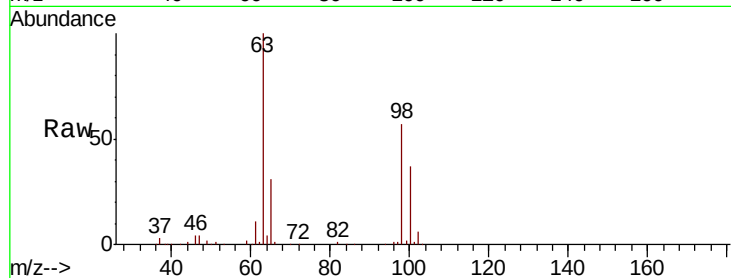
Tot Ion:101 Resp: 1763

Ion Ratio Lower Upper

101 100

85 0.0 32.7 49.1#

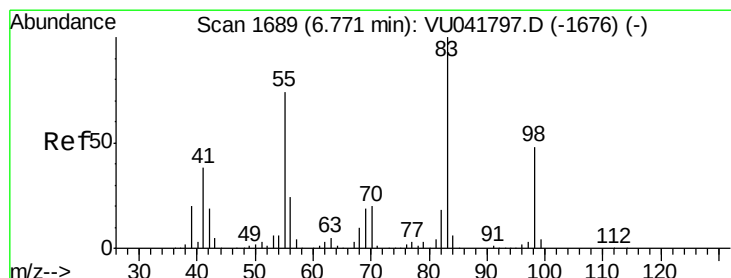
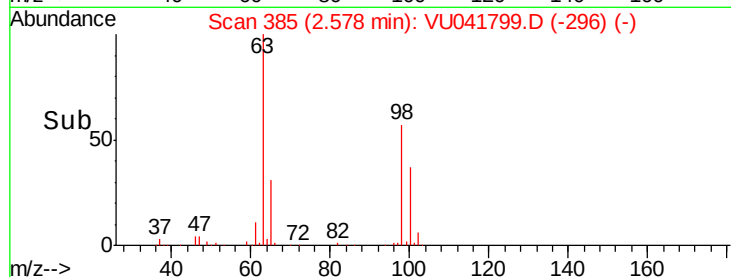
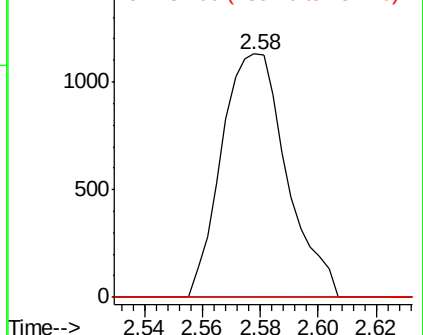
151 0.0 60.4 90.6#



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: 8.388 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041799.D

Acq: 24 Dec 2020 10:06

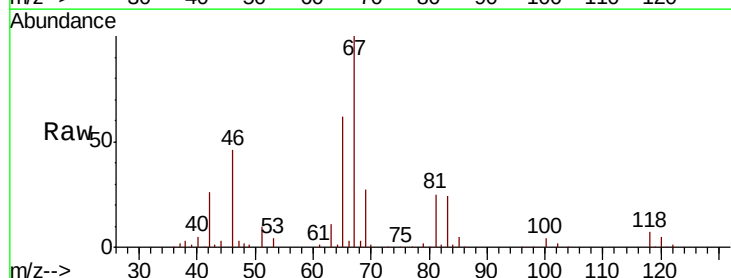
Tgt Ion: 83 Resp: 32297

Ion Ratio Lower Upper

83 100

55 0.0 57.8 86.6#

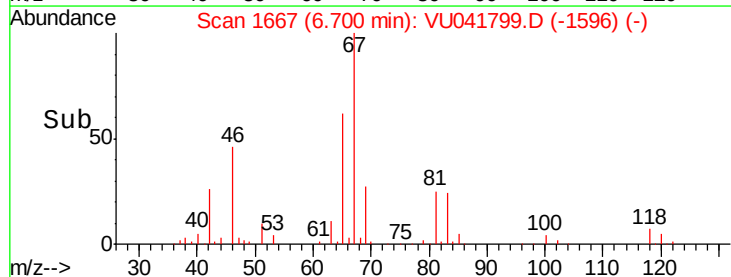
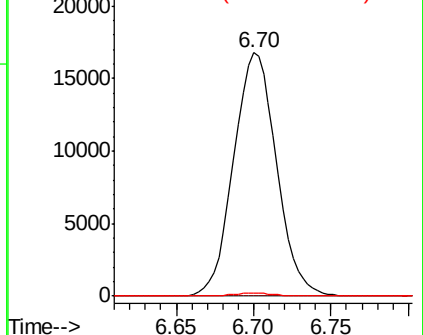
98 1.1 37.7 56.5#

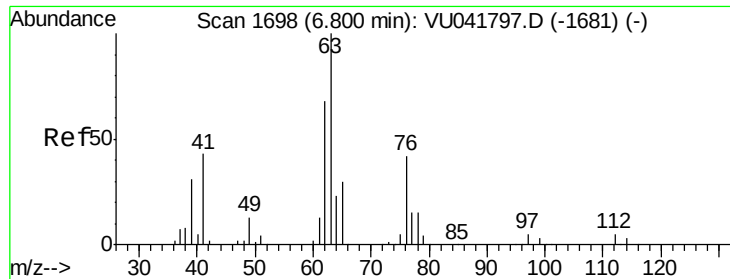


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

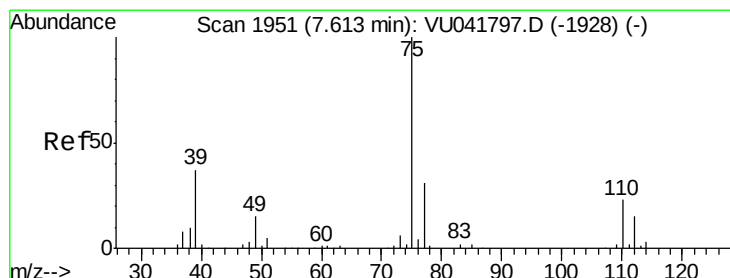
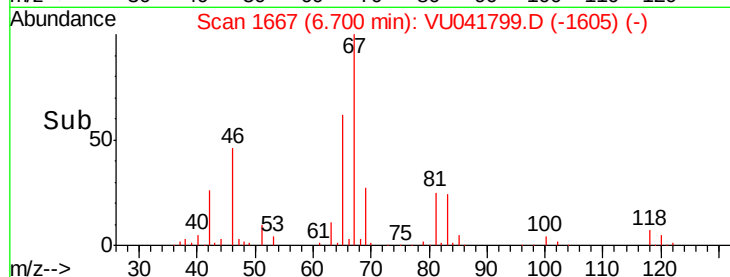
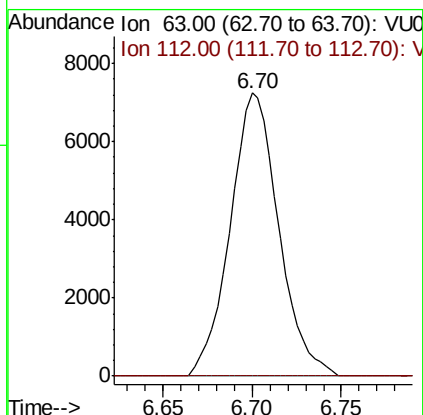
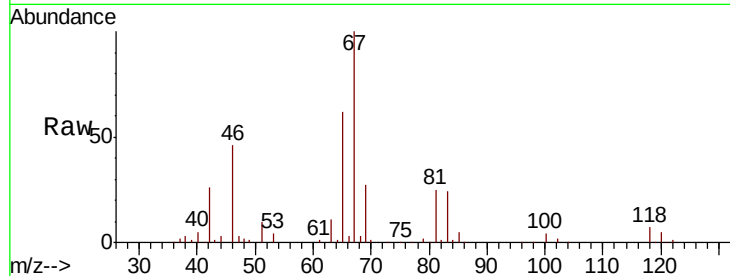




#37
 1,2-Dichloropropane
 Concen: 5.848 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041799.D
 Acq: 24 Dec 2020 10:06

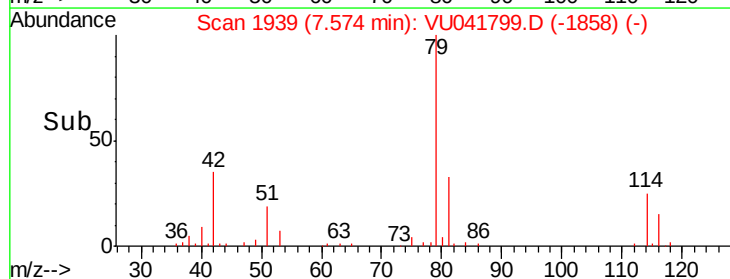
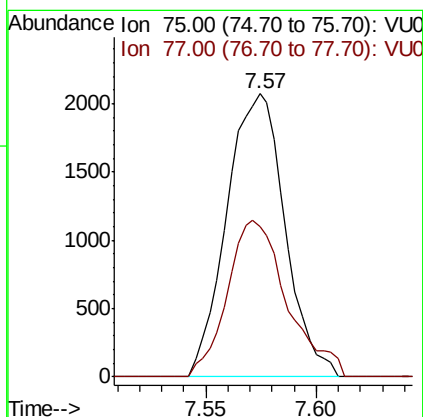
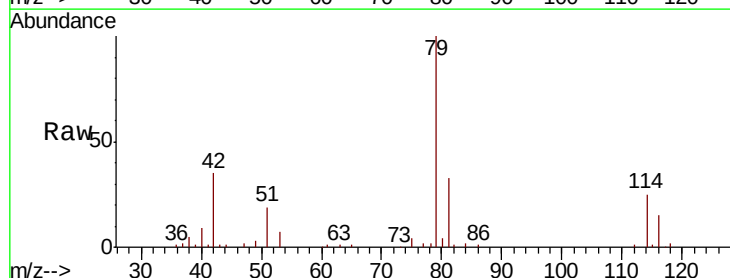
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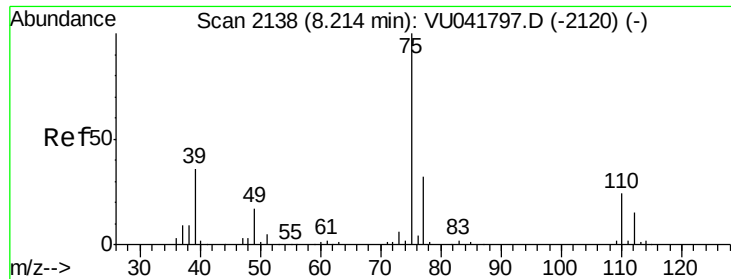
Tot Ion: 63 Resp: 13769
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 1.014 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041799.D
 Acq: 24 Dec 2020 10:06

Tgt Ion: 75 Resp: 3804
 Ion Ratio Lower Upper
 75 100
 77 53.0 21.4 39.8#





#44

trans-1,3-Dichloropropene

Concen: 0.732 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041799.D

Acq: 24 Dec 2020 10:06

Instrument :

MSVOA_U

ClientSampleId :

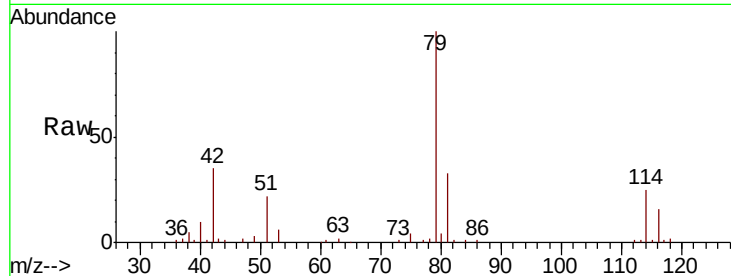
VLEB001

Tot Ion: 75 Resp: 2661

Ion Ratio Lower Upper

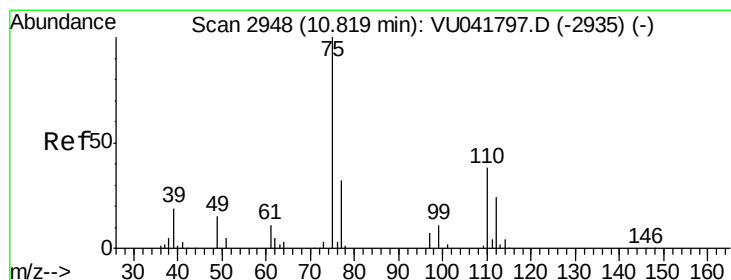
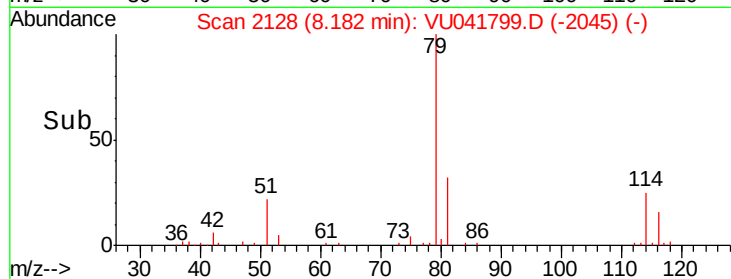
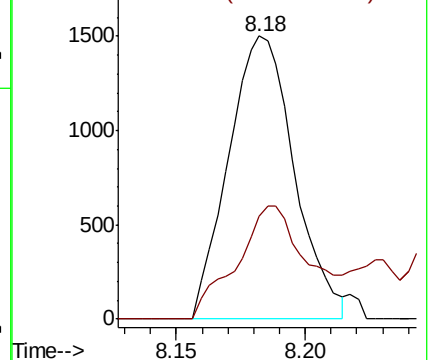
75 100

77 36.4 23.0 42.6



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: 4.598 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041799.D

Acq: 24 Dec 2020 10:06

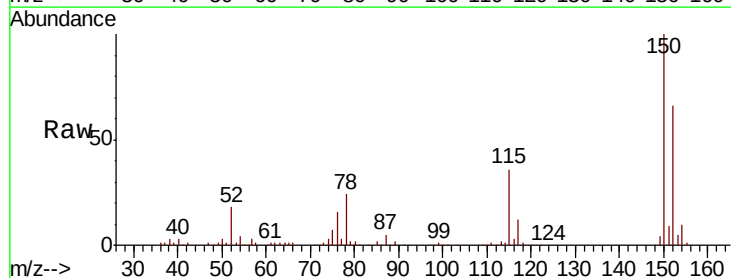
Tgt Ion: 75 Resp: 12559

Ion Ratio Lower Upper

75 100

77 38.9 25.2 37.8#

110 2.8 30.5 45.7#



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

