

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041729.D
 Acq On : 22 Dec 2020 10:16
 Operator : SY/MD
 Sample : L5161-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB235

Quant Time: Dec 23 04:06:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	133629	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	130451	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35168	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	1.92	69	38660	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.58	63	58393	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.66	46	167290	55.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.50%
24) Chloroform-d	5.08	84	84594	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.71	65	49514	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.74	84	164217	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	6.70	67	53549	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.90	98	138295	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.18	79	21173	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.64	63	144787	50.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53504	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	54819	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

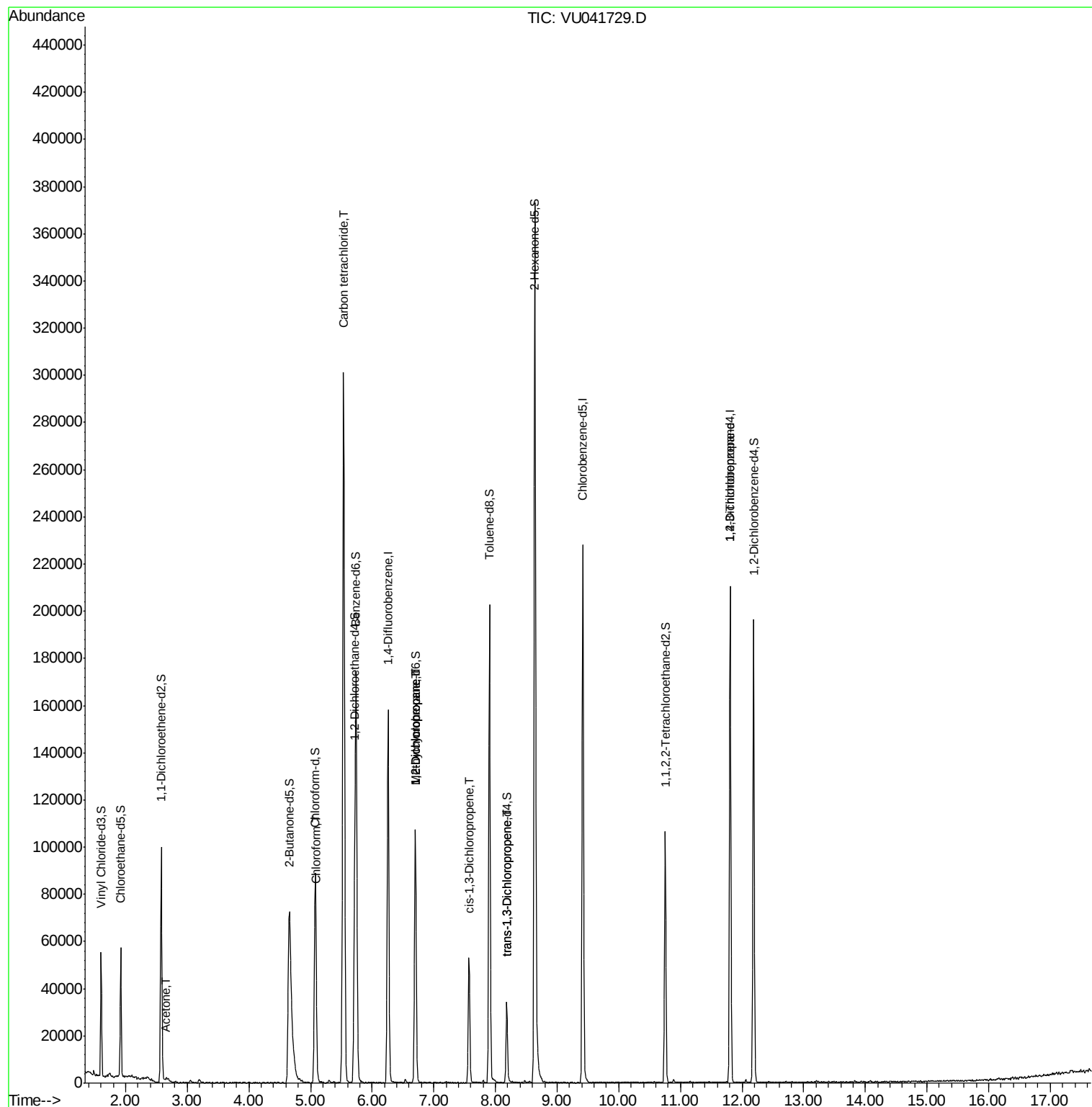
					Ovalue
13) Acetone	2.66	43	2200	1.153 ug/L	95
25) Chloroform	5.10	83	1652	0.094 ug/L	82
31) Carbon tetrachloride	5.54	117	212511	16.405 ug/L	98
35) Methylcyclohexane	6.70	83	12566	0.741 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5061	0.474 ug/L #	88
39) cis-1,3-Dichloropropene	7.58	75	1173	0.074 ug/L	96
44) trans-1,3-Dichloropropene	8.18	75	676	0.048 ug/L #	68
59) 1,2,3-Trichloropropane	11.81	75	6264	0.782 ug/L	95

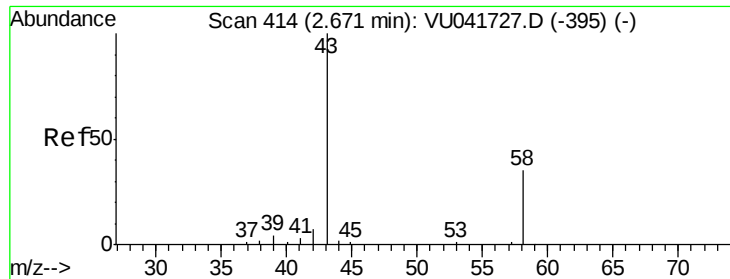
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.153 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU041729.D

Acq: 22 Dec 2020 10:16

Instrument :

MSVOA_U

ClientSampled :

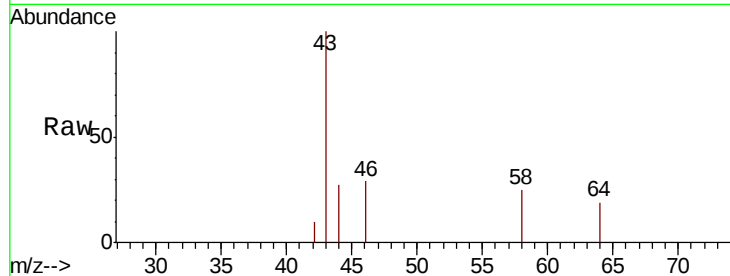
GB235

Tot Ion: 43 Resp: 2200

Ion Ratio Lower Upper

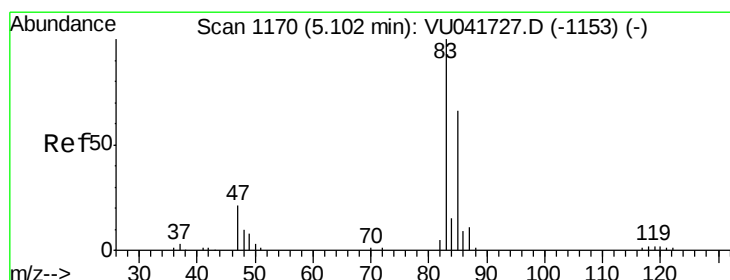
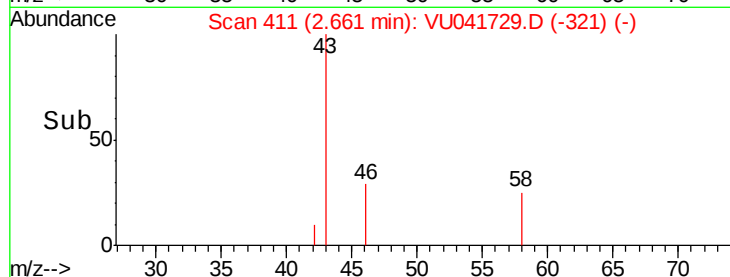
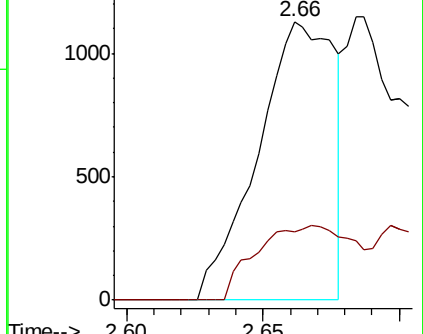
43 100

58 33.7 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041727.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VU041727.D (-395) (-)



#25

Chloroform

Concen: 0.094 ug/L

RT: 5.10 min Scan# 1169

Delta R.T. -0.00 min

Lab File: VU041729.D

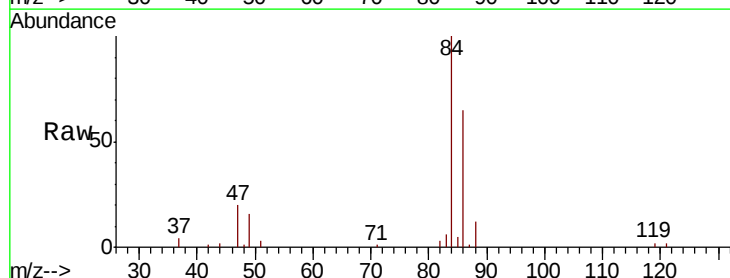
Acq: 22 Dec 2020 10:16

Tgt Ion: 83 Resp: 1652

Ion Ratio Lower Upper

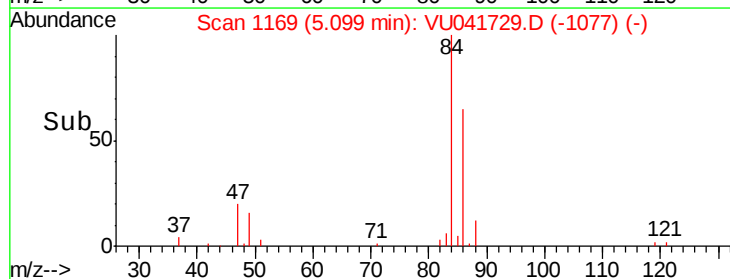
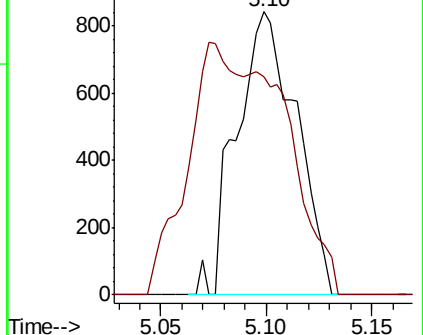
83 100

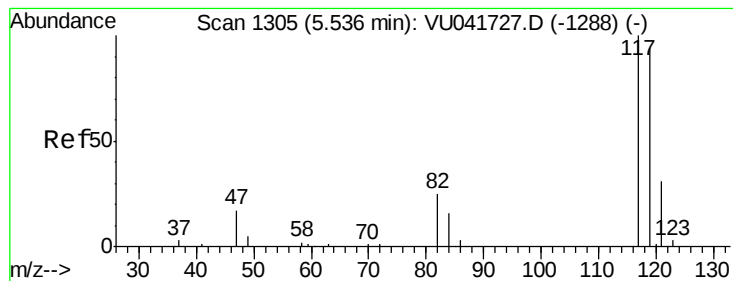
85 76.8 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041727.D (-1153) (-)

Ion 85.00 (84.70 to 85.70): VU041727.D (-1153) (-)





#31

Carbon tetrachloride

Concen: 16.405 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041729.D

Acq: 22 Dec 2020 10:16

Instrument :

MSVOA_U

ClientSampled :

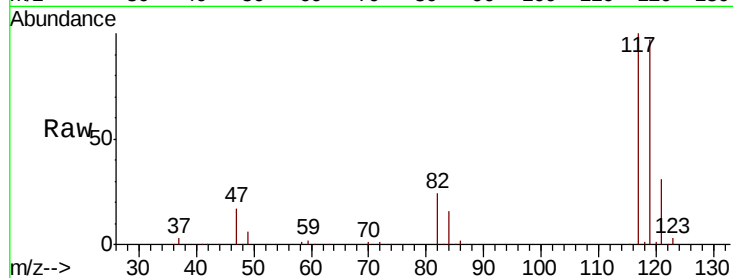
GB235

Tot Ion:117 Resp: 212511

Ion Ratio Lower Upper

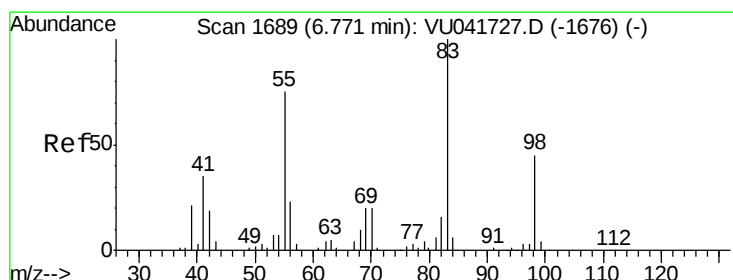
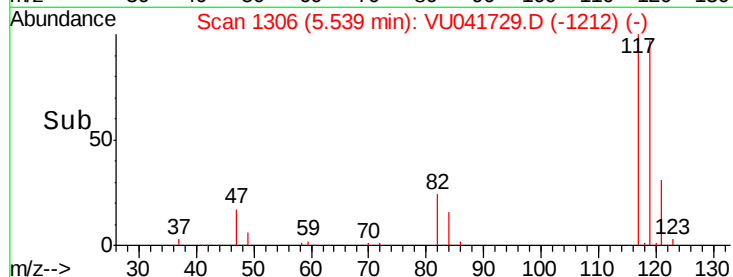
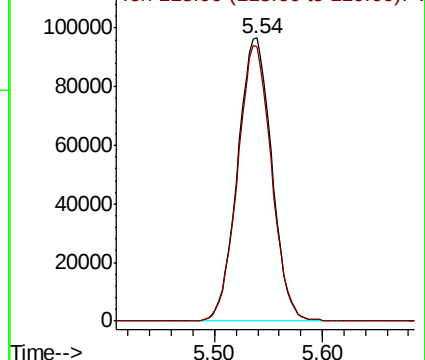
117 100

119 96.8 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041729.D

Acq: 22 Dec 2020 10:16

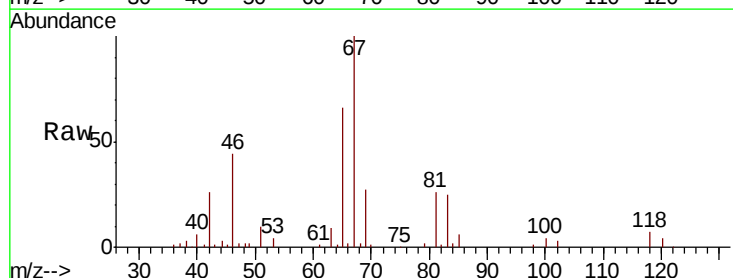
Tgt Ion: 83 Resp: 12566

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

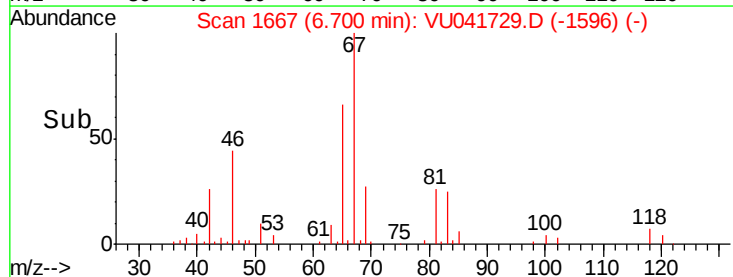
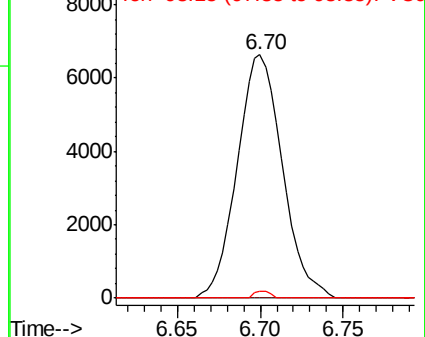
98 0.9 36.6 54.8#

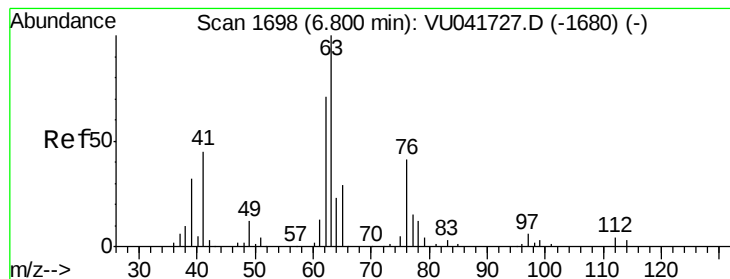


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.70 min Scan# 1666

Delta R.T. -0.10 min

Lab File: VU041729.D

Acq: 22 Dec 2020 10:16

Instrument :

MSVOA_U

ClientSampled :

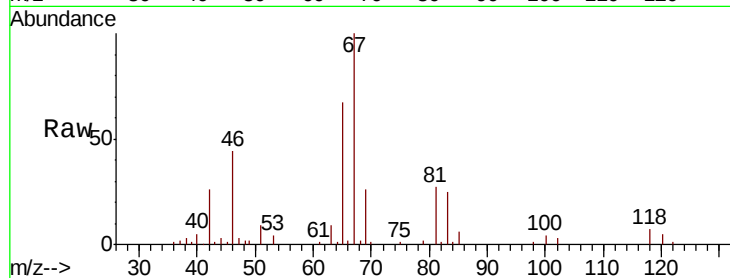
GB235

Tot Ion: 63 Resp: 5061

Ion Ratio Lower Upper

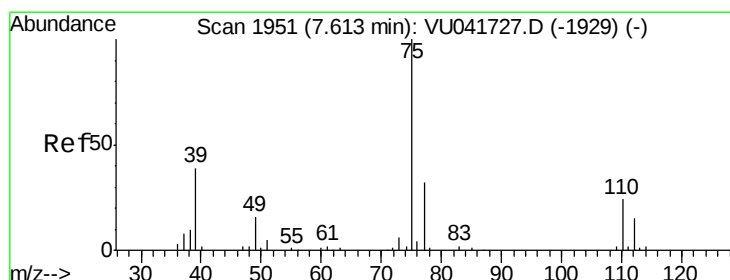
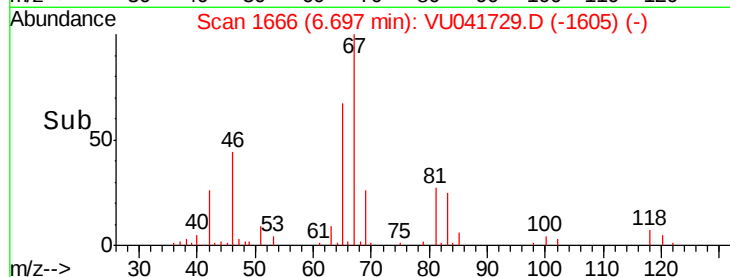
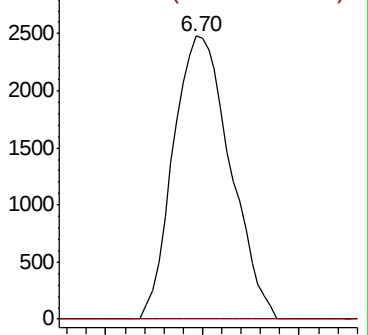
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041727.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU041727.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.58 min Scan# 1940

Delta R.T. -0.04 min

Lab File: VU041729.D

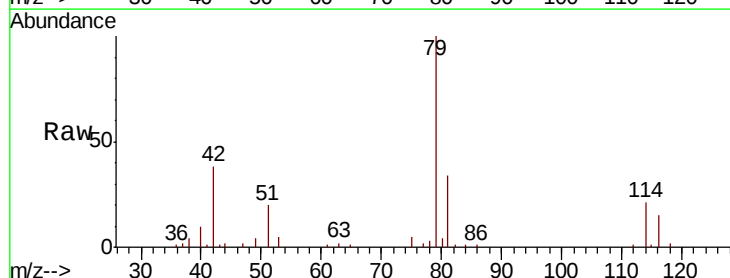
Acq: 22 Dec 2020 10:16

Tgt Ion: 75 Resp: 1173

Ion Ratio Lower Upper

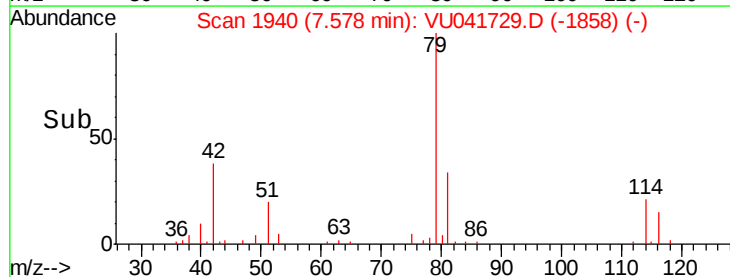
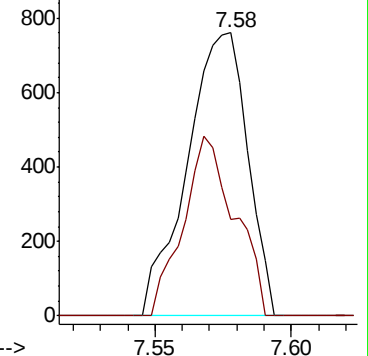
75 100

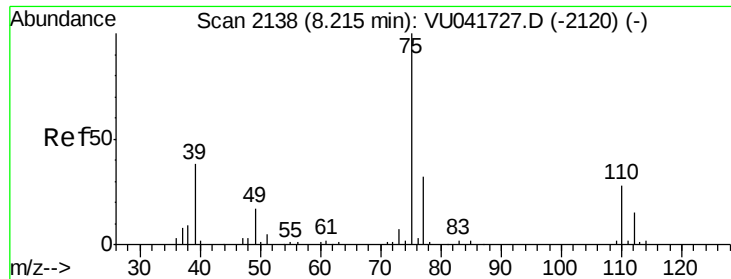
77 33.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VU041727.D (-1929) (-)

Ion 77.05 (76.75 to 77.75): VU041727.D (-1929) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.048 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041729.D

Acq: 22 Dec 2020 10:16

Instrument :

MSVOA_U

ClientSampleId :

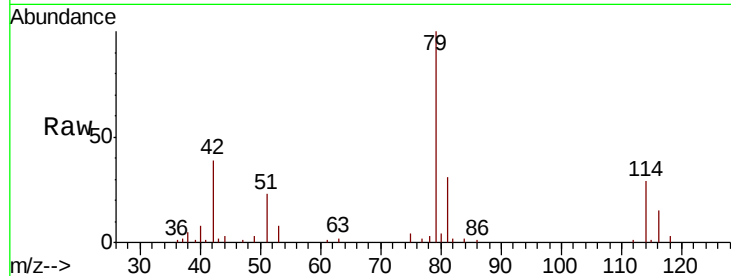
GB235

Tot Ion: 75 Resp: 676

Ion Ratio Lower Upper

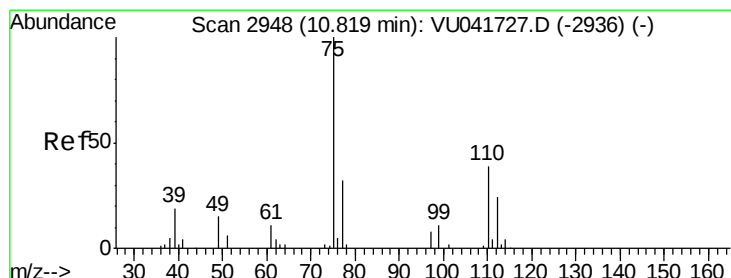
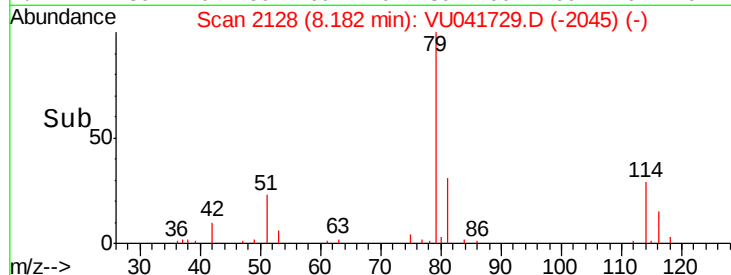
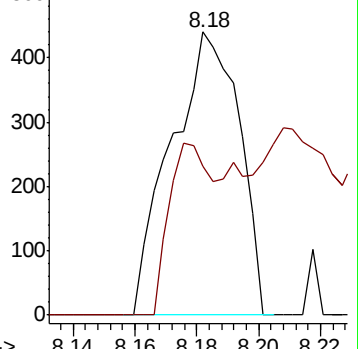
75 100

77 52.5 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.782 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041729.D

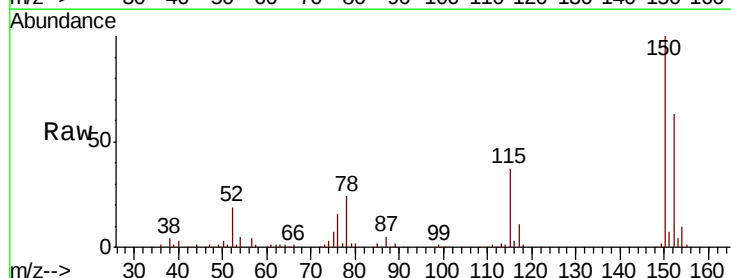
Acq: 22 Dec 2020 10:16

Tgt Ion: 75 Resp: 6264

Ion Ratio Lower Upper

75 100

77 35.4 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

