

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041755.D
 Acq On : 22 Dec 2020 20:49
 Operator : SY/MD
 Sample : L5161-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB237

Quant Time: Dec 23 05:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 05:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126157	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	53231	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31060	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	1.92	69	36725	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.58	63	52516	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	4.66	46	162314	57.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.08	84	81775	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.72	65	47670	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.74	84	155951	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.70	67	51571	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.90	98	126412	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.19	79	20791	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	138952	51.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.56%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52805	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	50043	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

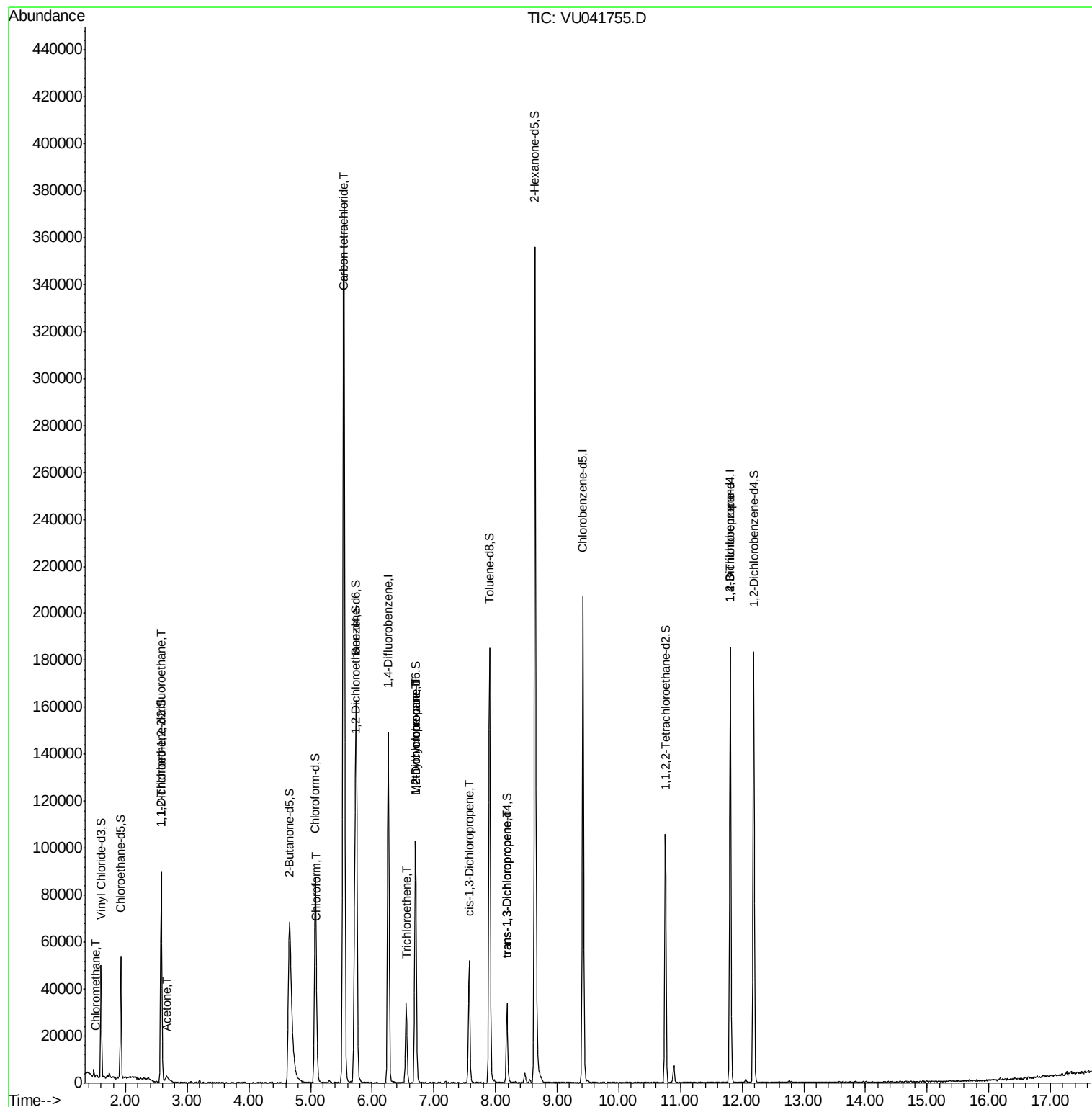
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.52	50	586	0.056	ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	453	0.052	ug/L #	22
13) Acetone	2.67	43	2780	1.543	ug/L	88
25) Chloroform	5.11	83	4204	0.252	ug/L	97
31) Carbon tetrachloride	5.54	117	260638	21.584	ug/L	98
34) Trichloroethene	6.55	95	12255	1.254	ug/L	94
35) Methylcyclohexane	6.70	83	11850	0.750	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5285	0.531	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1311	0.089	ug/L	95
44) trans-1,3-Dichloropropene	8.19	75	769	0.058	ug/L	83
59) 1,2,3-Trichloropropane	11.81	75	5665	0.758	ug/L	98

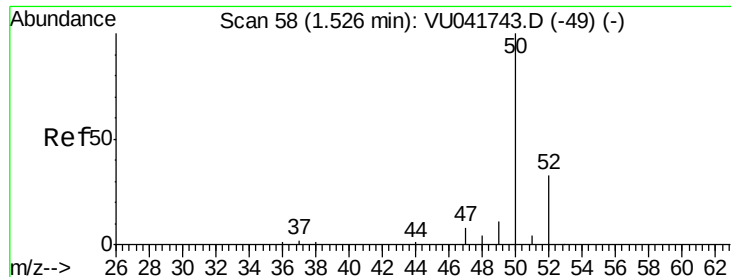
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.056 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

Instrument :

MSVOA_U

ClientSampled :

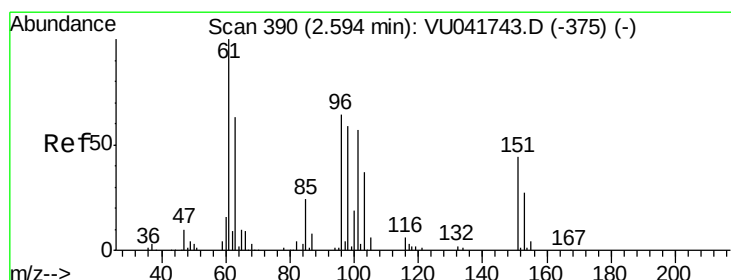
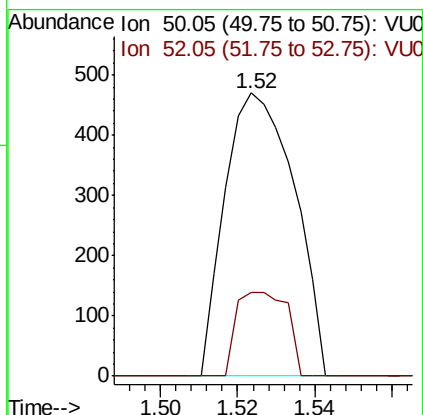
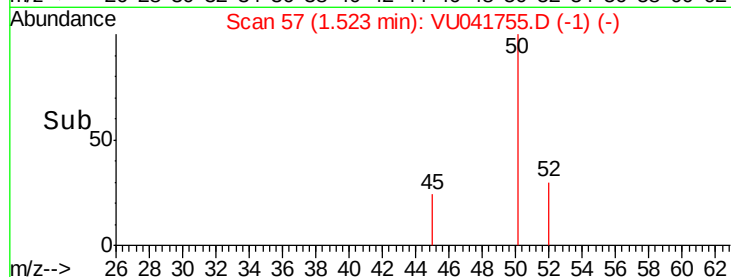
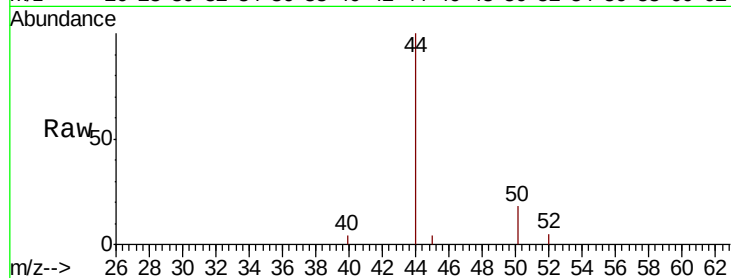
GB237

Tot Ion: 50 Resp: 586

Ion Ratio Lower Upper

50 100

52 29.6 24.1 44.8



#10

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

Concen: 0.052 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

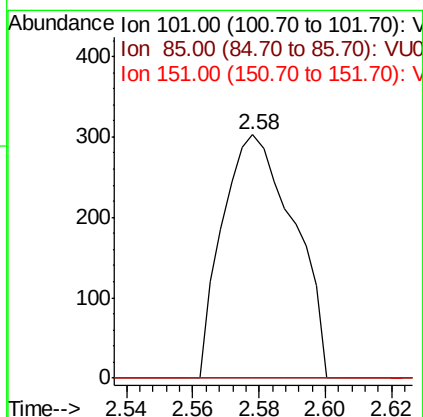
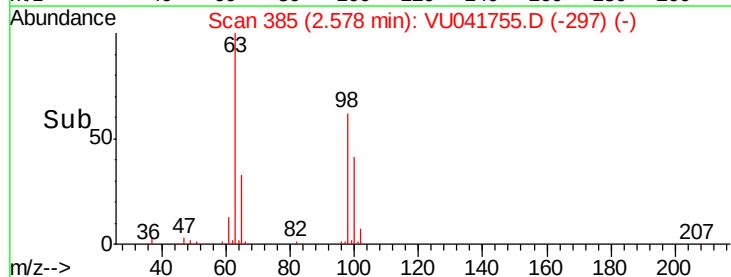
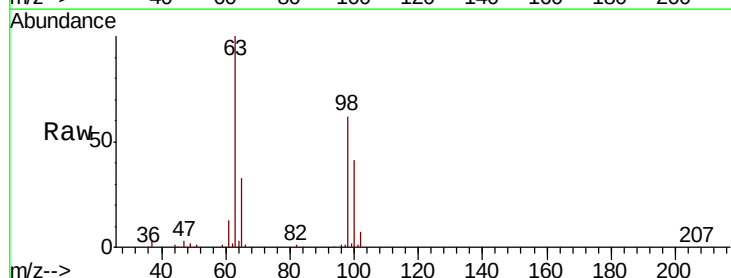
Tgt Ion: 101 Resp: 453

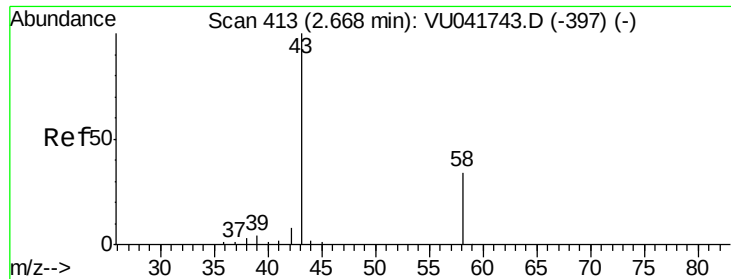
Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#





#13

Acetone

Concen: 1.543 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

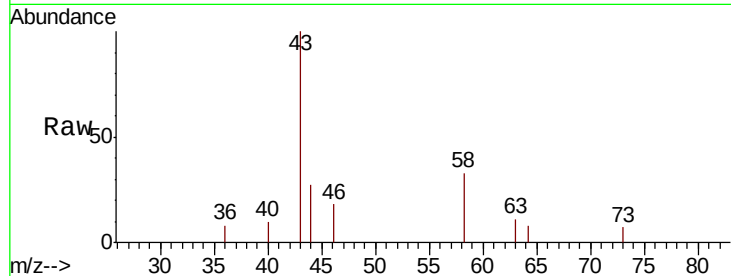
GB237

Tot Ion: 43 Resp: 2780

Ion Ratio Lower Upper

43 100

58 29.4 0.0 73.2



Abundance Ion 43.05 (42.75 to 43.75): VU041743.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VU041743.D (-397) (-)

2.67

1500

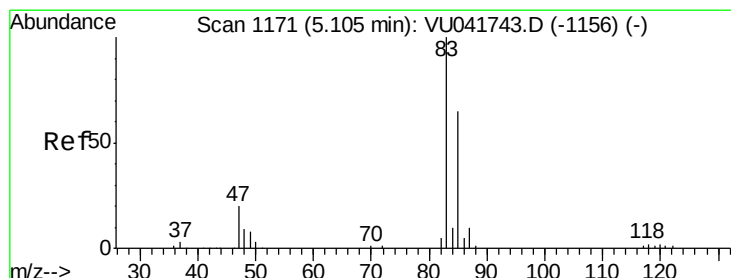
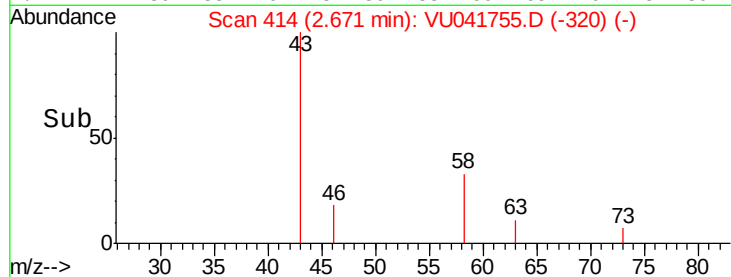
1000

500

0

2.65 2.70

Time-->



#25

Chloroform

Concen: 0.252 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041755.D

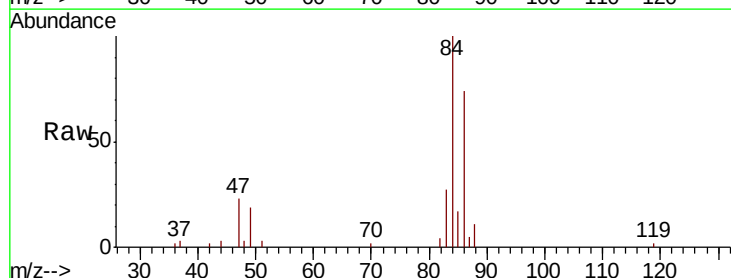
Acq: 22 Dec 2020 20:49

Tgt Ion: 83 Resp: 4204

Ion Ratio Lower Upper

83 100

85 60.9 44.2 82.0



Abundance Ion 83.05 (82.75 to 83.75): VU041743.D (-1156) (-)

Ion 85.00 (84.70 to 85.70): VU041743.D (-1156) (-)

5.11

2000

1500

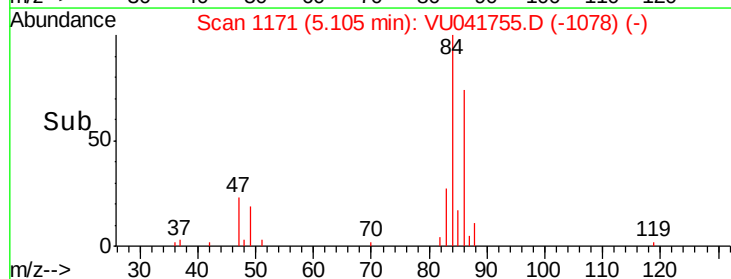
1000

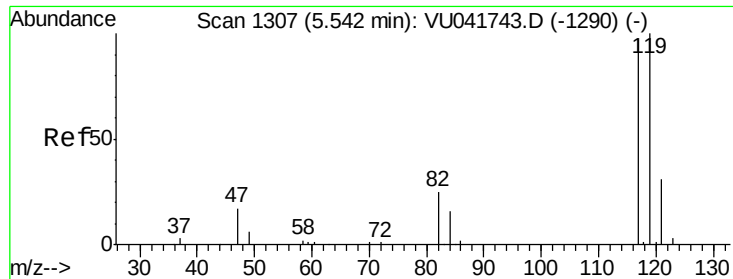
500

0

5.05 5.10 5.15

Time-->





#31

Carbon tetrachloride

Concen: 21.584 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

Instrument :

MSVOA_U

ClientSampled :

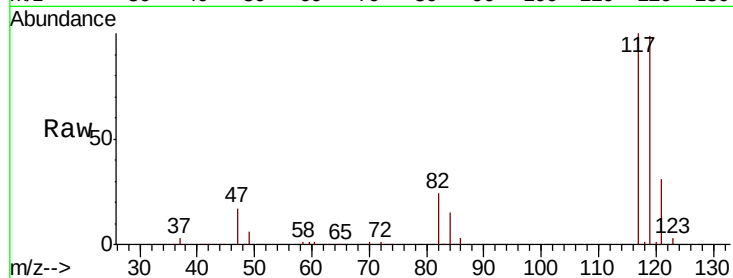
GB237

Tot Ion:117 Resp: 260638

Ion Ratio Lower Upper

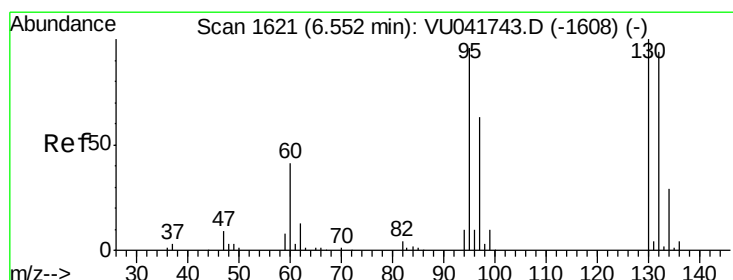
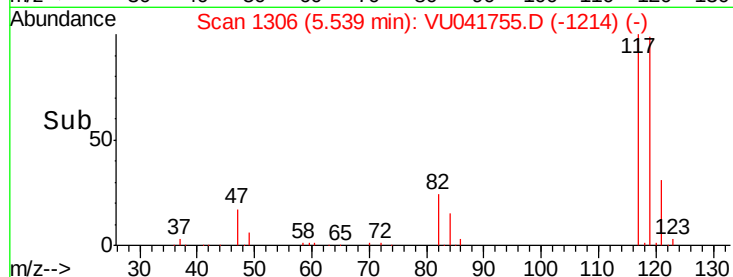
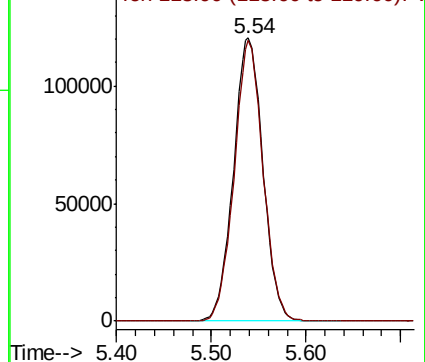
117 100

119 96.9 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 1.254 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

Tgt Ion: 95 Resp: 12255

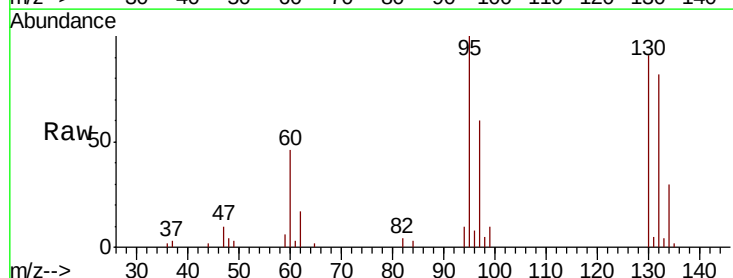
Ion Ratio Lower Upper

95 100

97 60.3 43.9 81.5

132 81.5 63.1 117.3

130 91.3 67.4 125.2

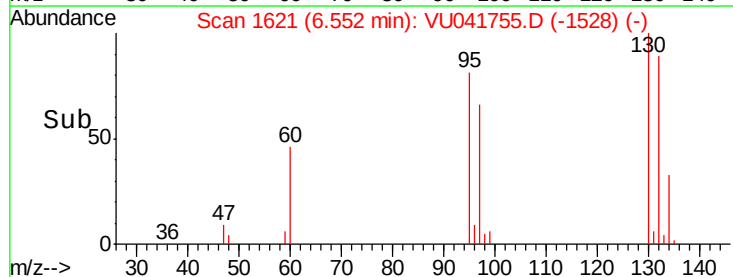
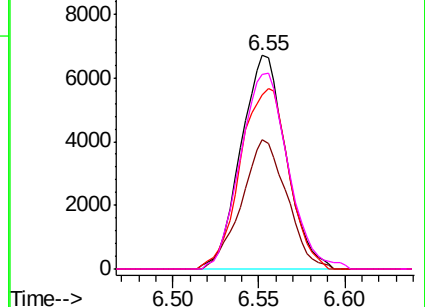


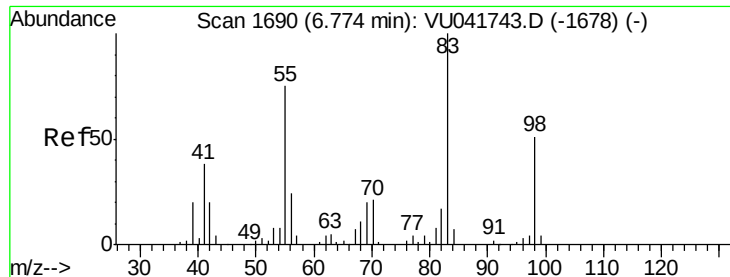
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

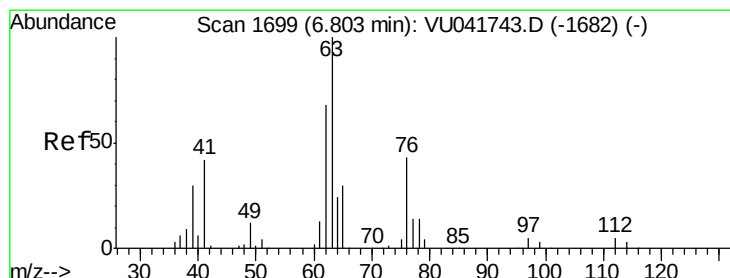
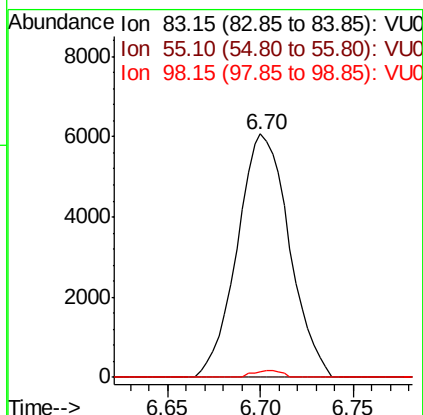
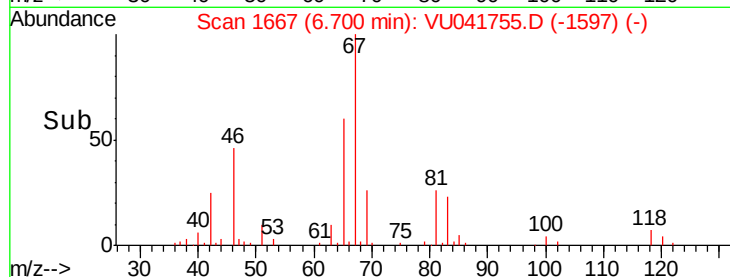
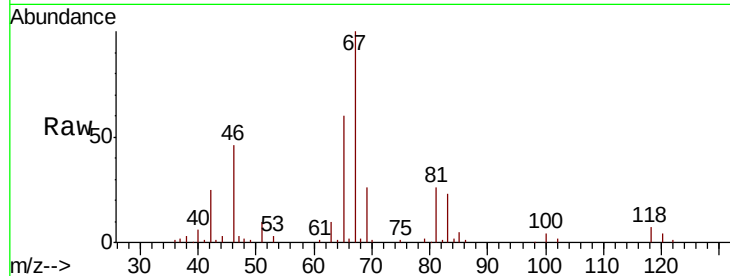




#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041755.D
Acq: 22 Dec 2020 20:49

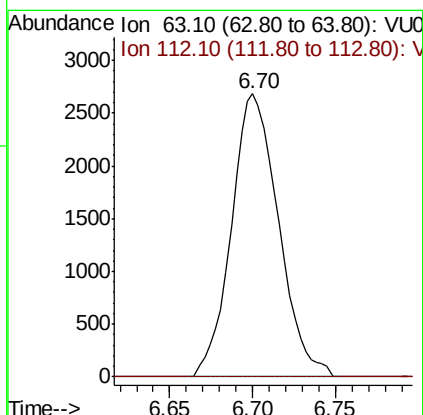
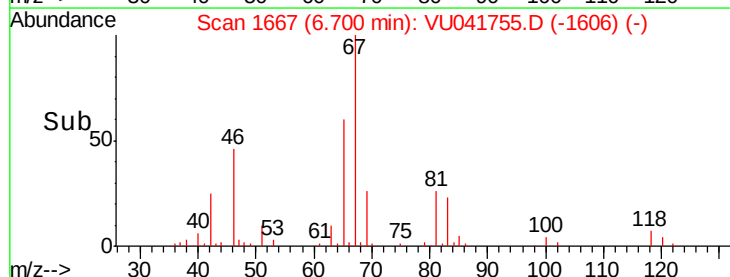
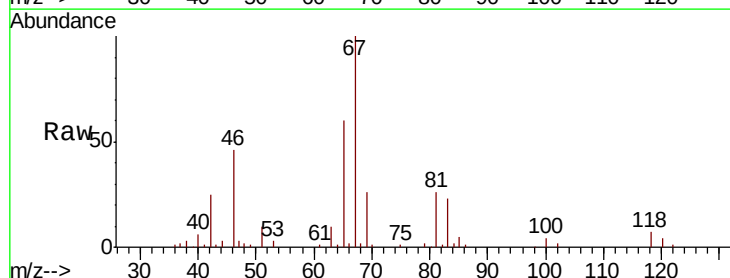
Instrument :
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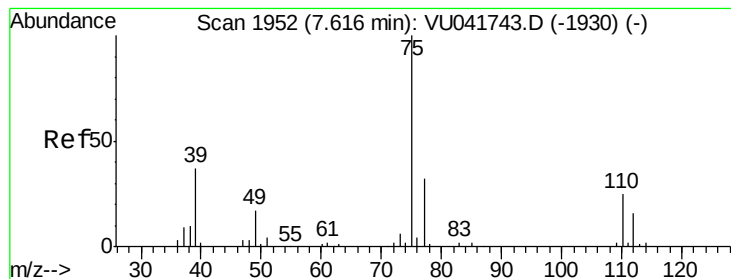
Tot Ion: 83 Resp: 11850
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 1.5 36.6 54.8#



#37
1,2-Dichloropropane
Concen: 0.531 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041755.D
Acq: 22 Dec 2020 20:49

Tgt Ion: 63 Resp: 5285
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



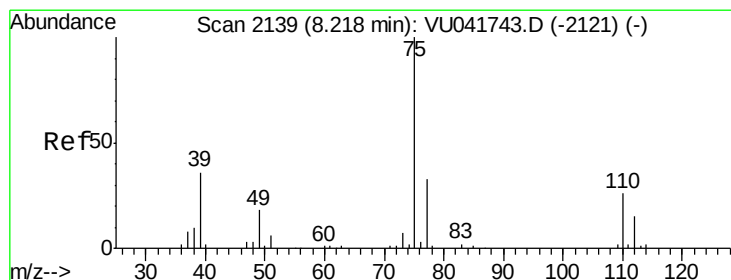
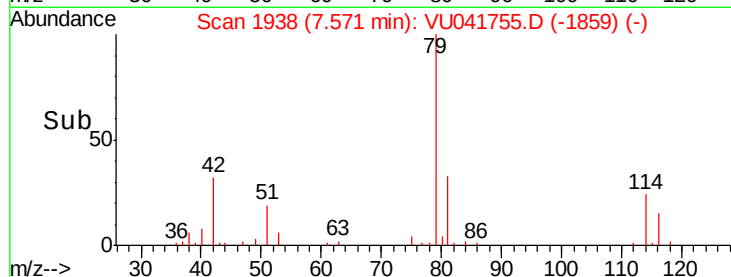
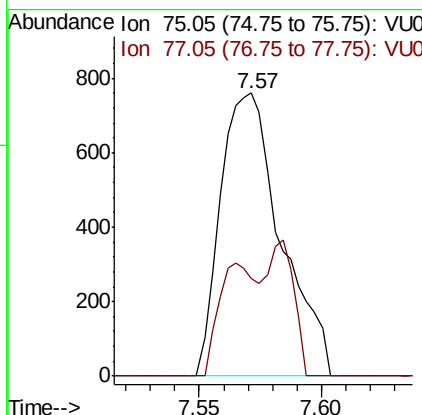
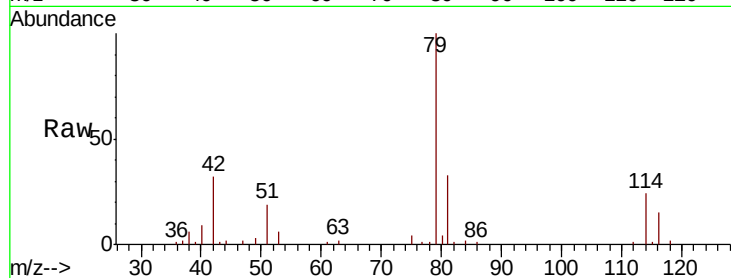


#39

cis-1,3-Dichloropropene
 Concen: 0.089 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041755.D
 Acq: 22 Dec 2020 20:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GB237

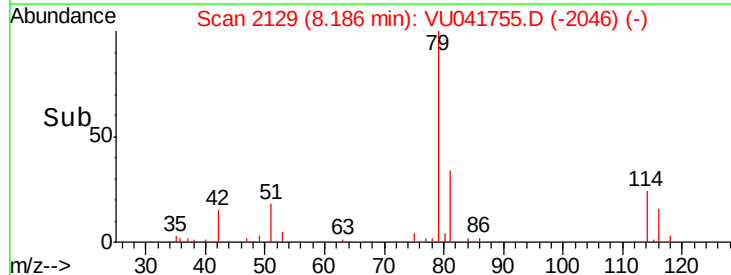
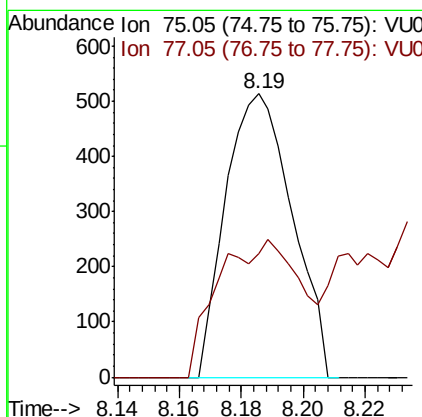
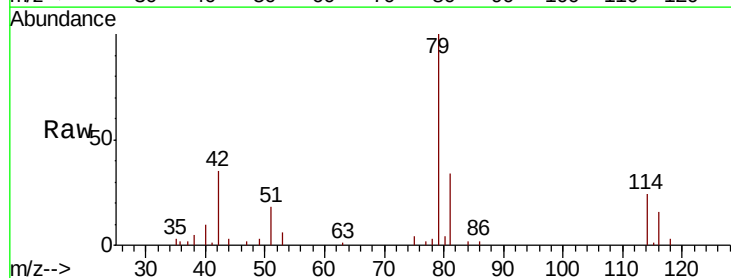
Tot Ion: 75 Resp: 1311
 Ion Ratio Lower Upper
 75 100
 77 34.3 22.3 41.3

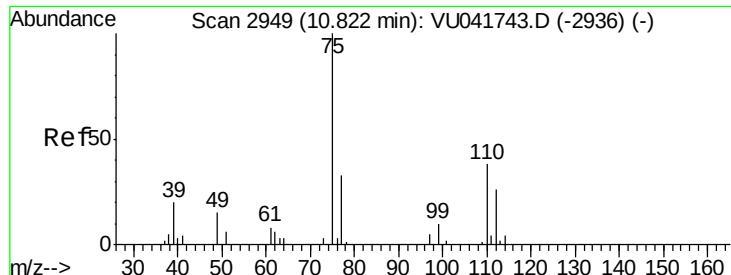


#44

trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 8.19 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: VU041755.D
 Acq: 22 Dec 2020 20:49

Tgt Ion: 75 Resp: 769
 Ion Ratio Lower Upper
 75 100
 77 43.5 23.8 44.2





#59

1,2,3-Trichloropropane

Concen: 0.758 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041755.D

Acq: 22 Dec 2020 20:49

Instrument :

MSVOA_U

ClientSampleId :

GB237

Tot Ion: 75 Resp: 5665

Ion Ratio Lower Upper

75 100

77 33.9 26.2 39.2

