

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041730.D
 Acq On : 22 Dec 2020 10:41
 Operator : SY/MD
 Sample : L5161-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB236

Quant Time: Dec 23 04:06:20 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	136377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57511	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35510	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.92	69	39219	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.57	63	64984	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	168905	55.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.30%
24) Chloroform-d	5.08	84	85090	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.71	65	50774	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	169921	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	56763	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.90	98	138815	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	8.18	79	22165	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.64	63	148489	51.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.68%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	55200	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	55334	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

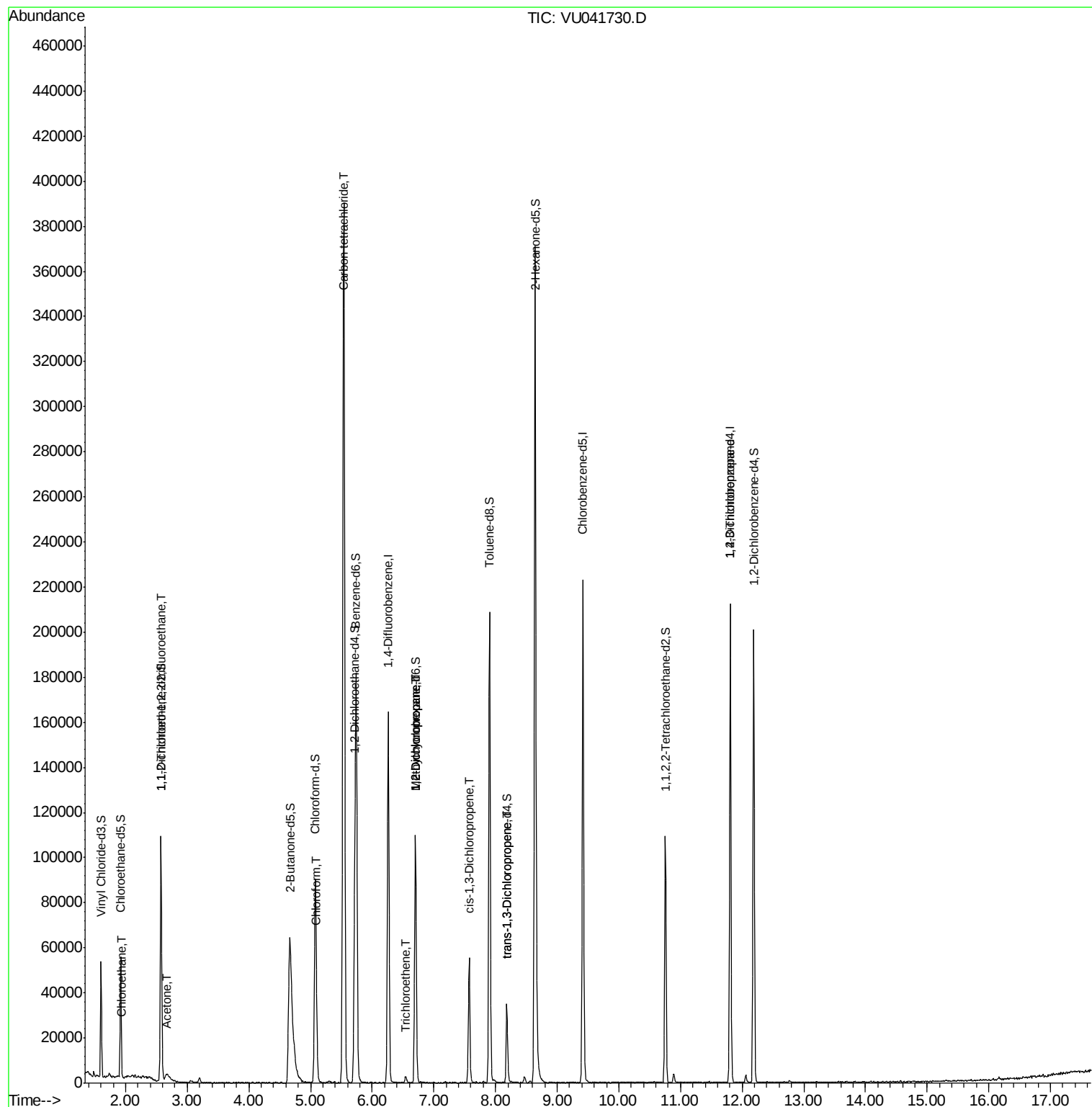
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.95	64	254	0.030	ug/L #	44
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	689	0.073	ug/L #	22
13) Acetone	2.66	43	2877	1.477	ug/L	96
25) Chloroform	5.11	83	4623	0.257	ug/L	95
31) Carbon tetrachloride	5.54	117	273209	21.199	ug/L	99
34) Trichloroethene	6.55	95	794	0.076	ug/L	90
35) Methylcyclohexane	6.70	83	12729	0.755	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5541	0.522	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1149	0.073	ug/L #	42
44) trans-1,3-Dichloropropene	8.19	75	1003	0.071	ug/L #	61
59) 1,2,3-Trichloropropane	11.81	75	6727	0.844	ug/L	100

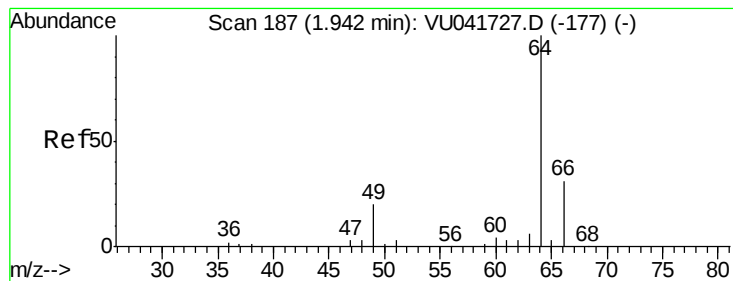
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.030 ug/L

RT: 1.95 min Scan# 189

Delta R.T. 0.01 min

Lab File: VU041730.D

Acq: 22 Dec 2020 10:41

Instrument :

MSVOA_U

ClientSampled :

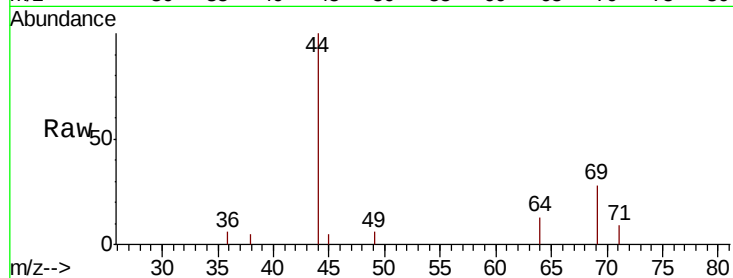
GB236

Tot Ion: 64 Resp: 254

Ion Ratio Lower Upper

64 100

66 0.0 21.6 40.0#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0

1.95

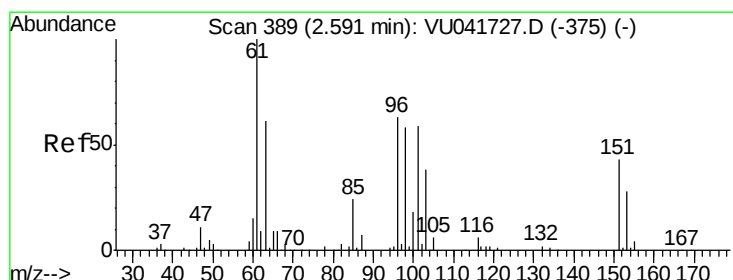
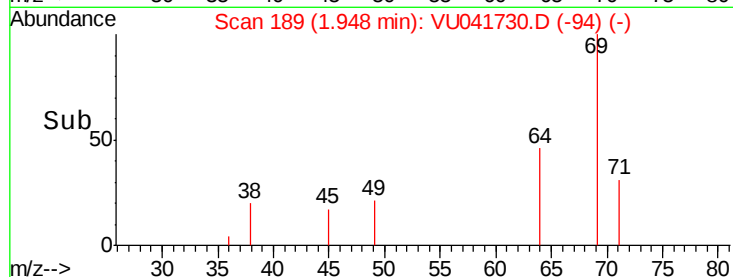
300

200

100

0

Time-->



#10

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

Concen: 0.073 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041730.D

Acq: 22 Dec 2020 10:41

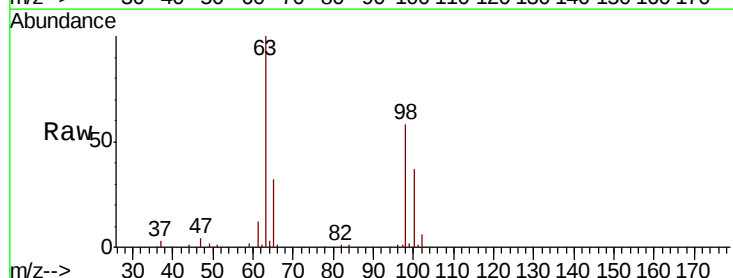
Tgt Ion: 101 Resp: 689

Ion Ratio Lower Upper

101 100

85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



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

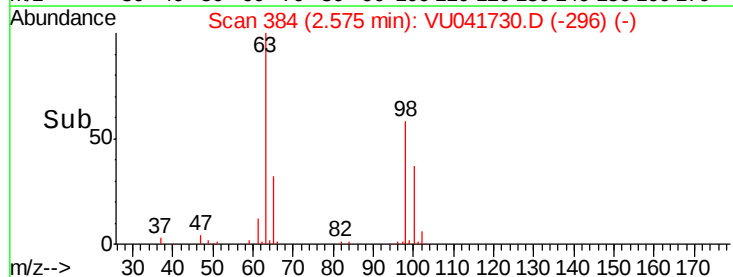
600

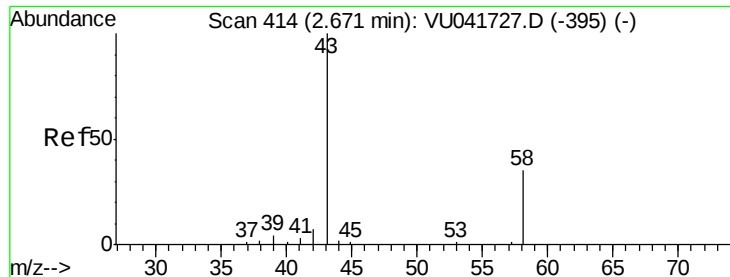
400

200

0

Time-->





#13

Acetone

Concen: 1.477 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU041730.D

Acq: 22 Dec 2020 10:41

Instrument :

MSVOA_U

ClientSampleId :

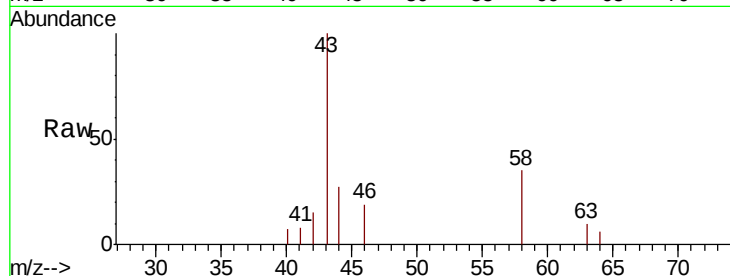
GB236

Tot Ion: 43 Resp: 2877

Ion Ratio Lower Upper

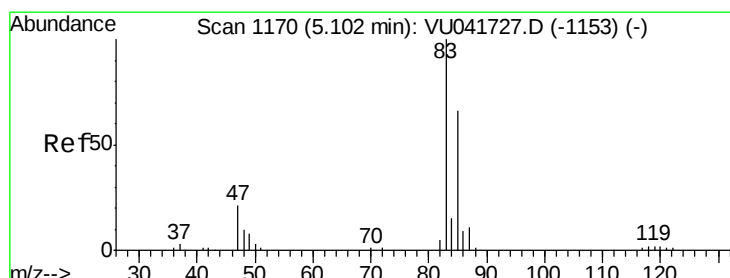
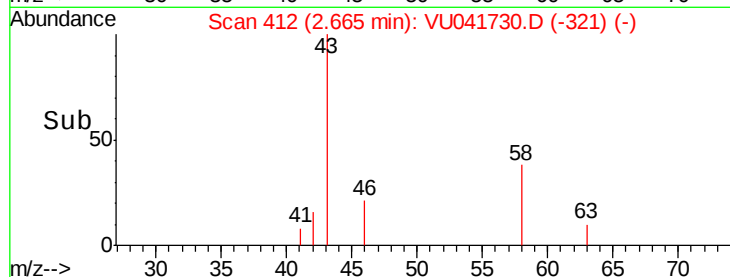
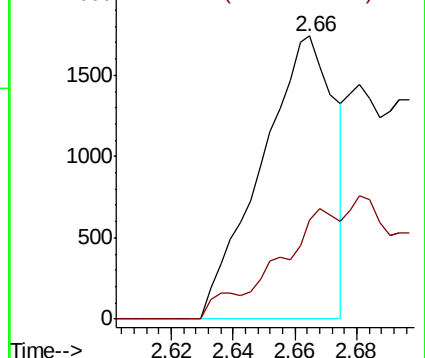
43 100

58 34.1 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: 0.257 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041730.D

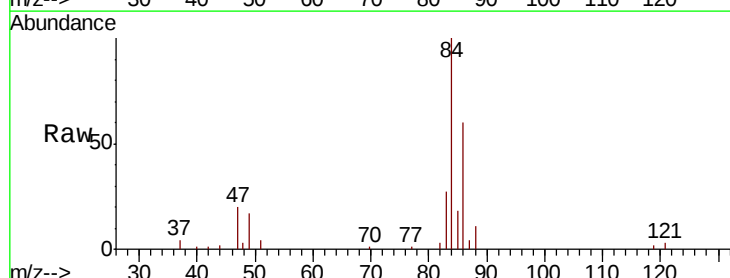
Acq: 22 Dec 2020 10:41

Tgt Ion: 83 Resp: 4623

Ion Ratio Lower Upper

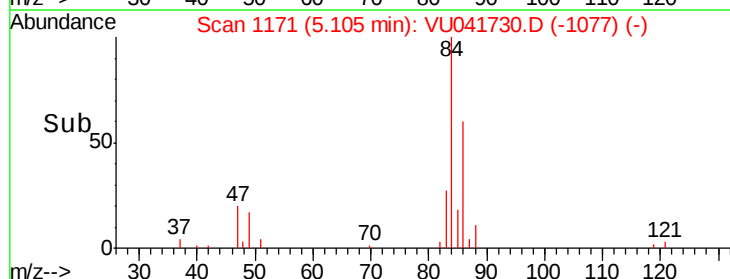
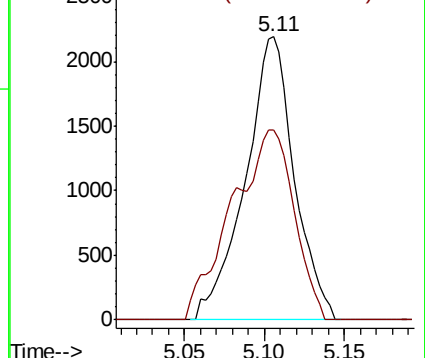
83 100

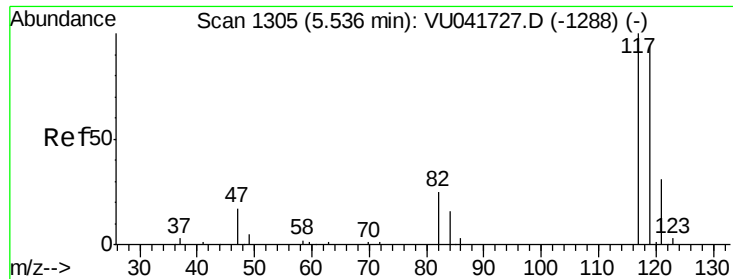
85 67.3 44.2 82.0



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

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

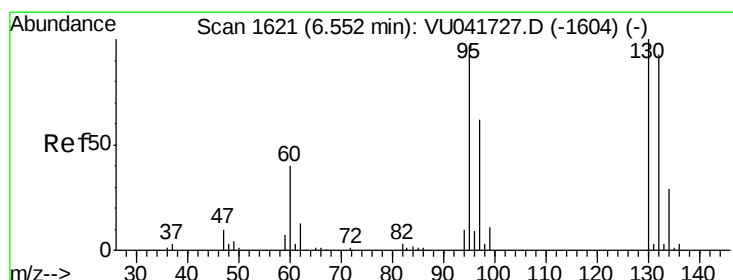
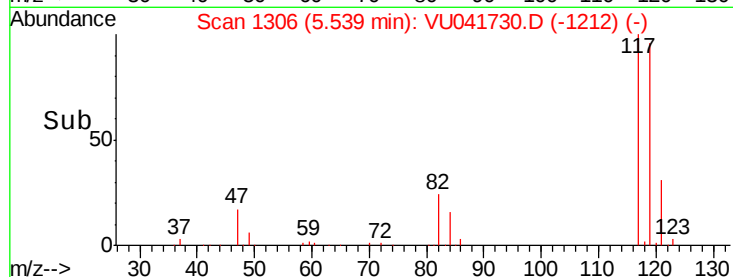
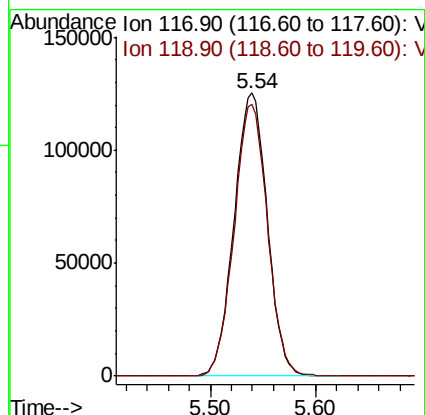
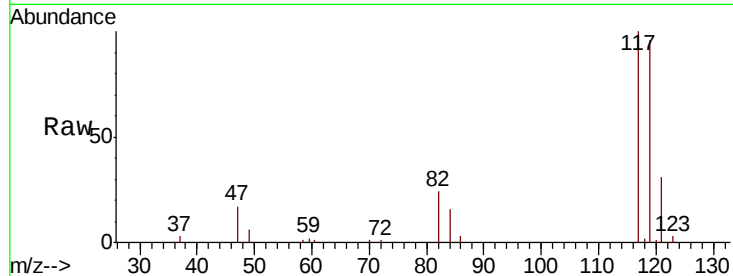




#31
Carbon tetrachloride
Concen: 21.199 ug/L
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

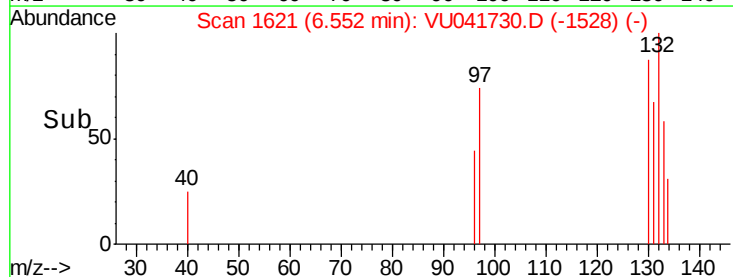
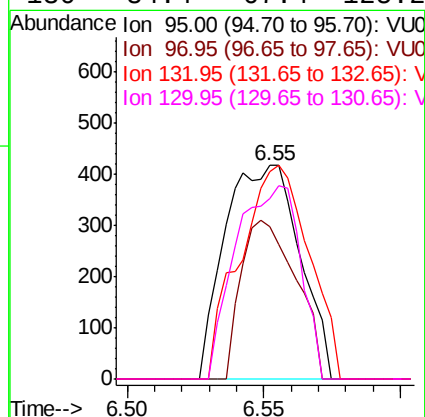
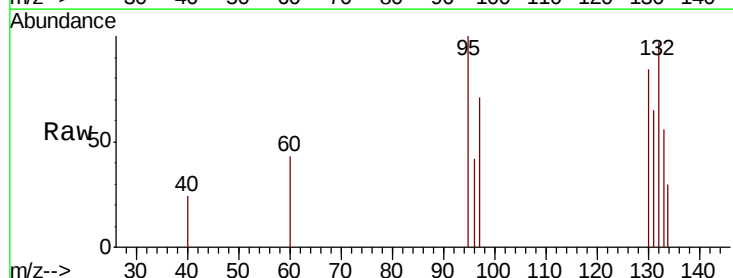
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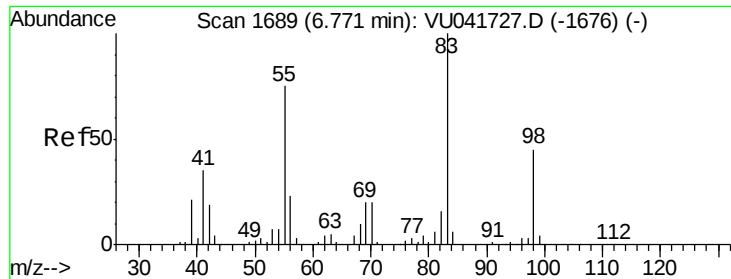
Tot Ion:117 Resp: 273209
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2



#34
Trichloroethene
Concen: 0.076 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

Tgt Ion: 95 Resp: 794
Ion Ratio Lower Upper
95 100
97 71.2 43.9 81.5
132 96.9 63.1 117.3
130 84.4 67.4 125.2

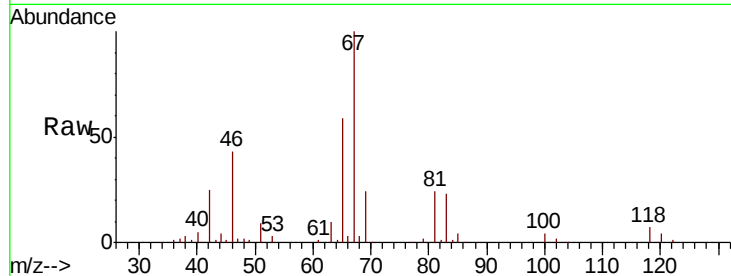




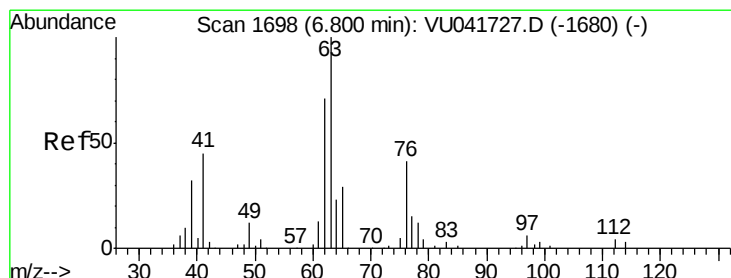
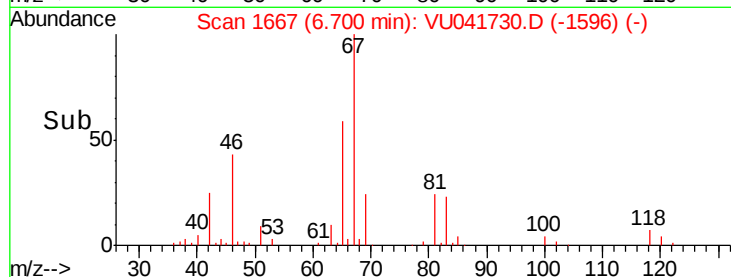
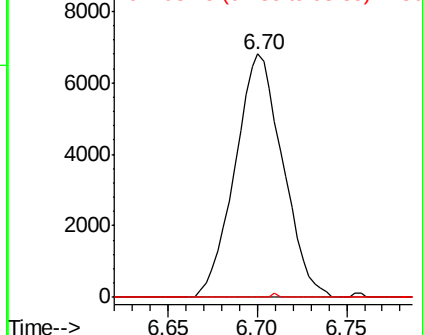
#35
Methvlcvclohexane
Concen: 0.755 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

Instrument :
MSVOA_U
ClientSampleId :
GB236

Tot Ion: 83 Resp: 12729
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.2 36.6 54.8#

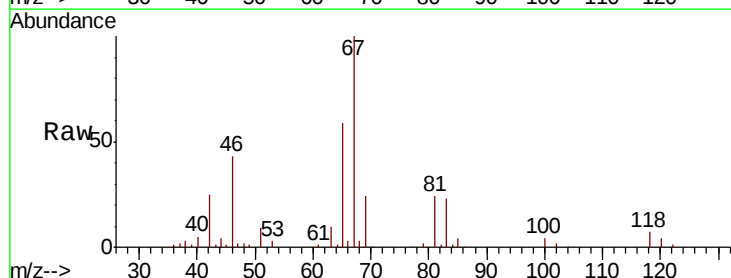


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

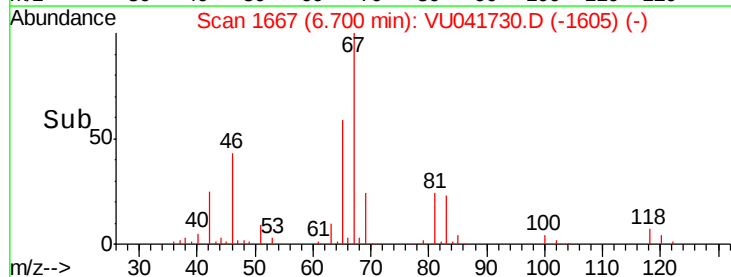
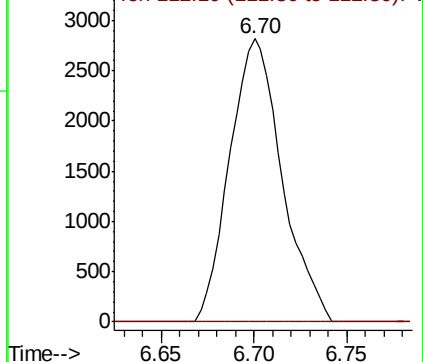


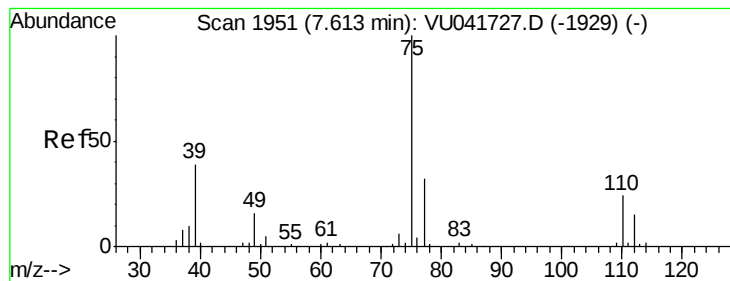
#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.10 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

Tgt Ion: 63 Resp: 5541
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



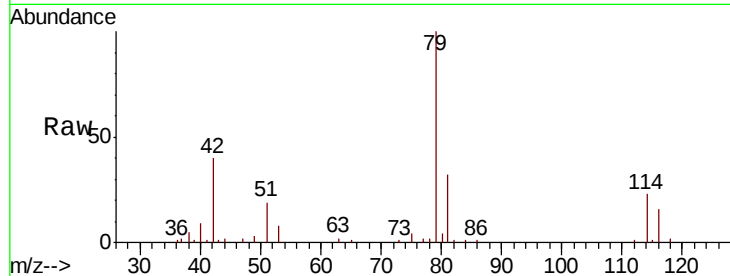


#39

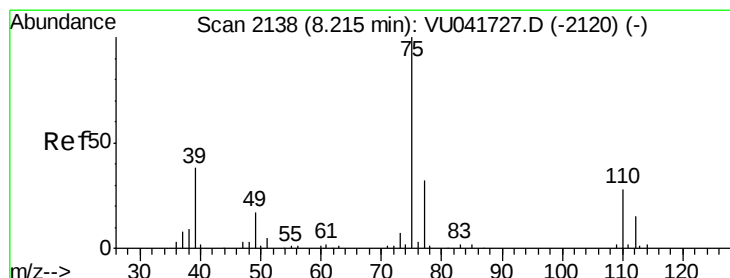
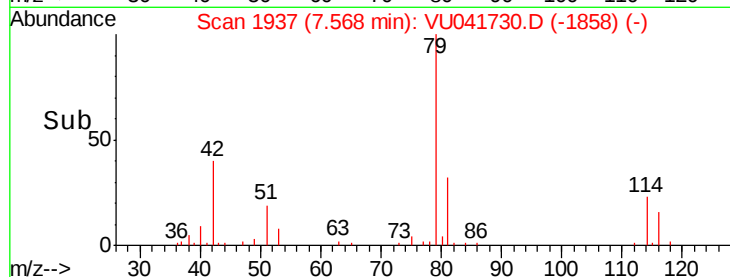
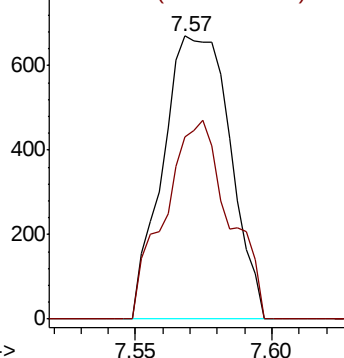
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

Instrument :
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Tot Ion: 75 Resp: 1149
Ion Ratio Lower Upper
75 100
77 64.2 22.3 41.3#



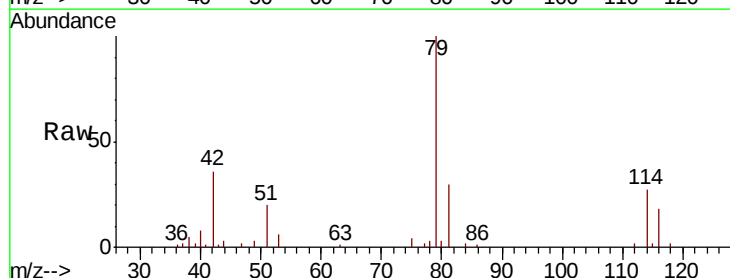
Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0



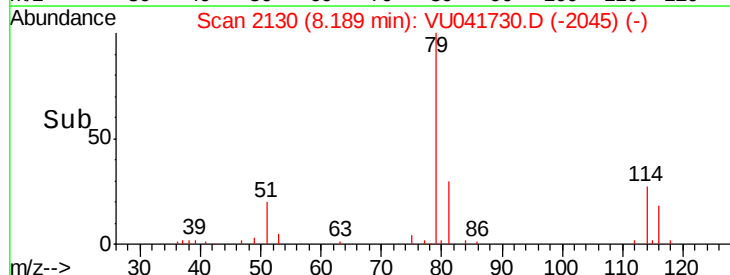
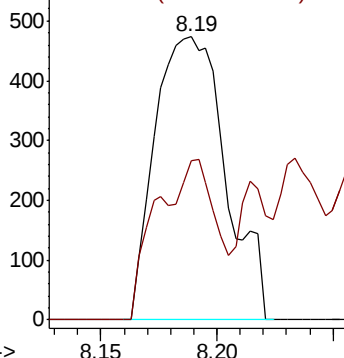
#44

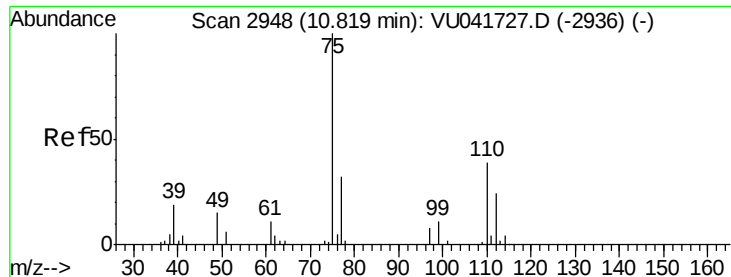
trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 8.19 min Scan# 2130
Delta R.T. -0.03 min
Lab File: VU041730.D
Acq: 22 Dec 2020 10:41

Tgt Ion: 75 Resp: 1003
Ion Ratio Lower Upper
75 100
77 56.2 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: 0.844 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041730.D

Acq: 22 Dec 2020 10:41

Instrument :

MSVOA_U

ClientSampleId :

GB236

Tot Ion: 75 Resp: 6727

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

