

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041731.D
 Acq On : 22 Dec 2020 11:05
 Operator : SY/MD
 Sample : L5148-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T3

Quant Time: Dec 23 04:06:29 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	137459	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133694	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	58837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	41123	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	44807	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.58	63	71218	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	4.65	46	179494	58.15	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.30%
24) Chloroform-d	5.08	84	96469	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.72	65	54872	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	188250	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.70	67	60492	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.90	98	157664	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	23909	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.64	63	161131	54.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.22%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	58892	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	60391	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

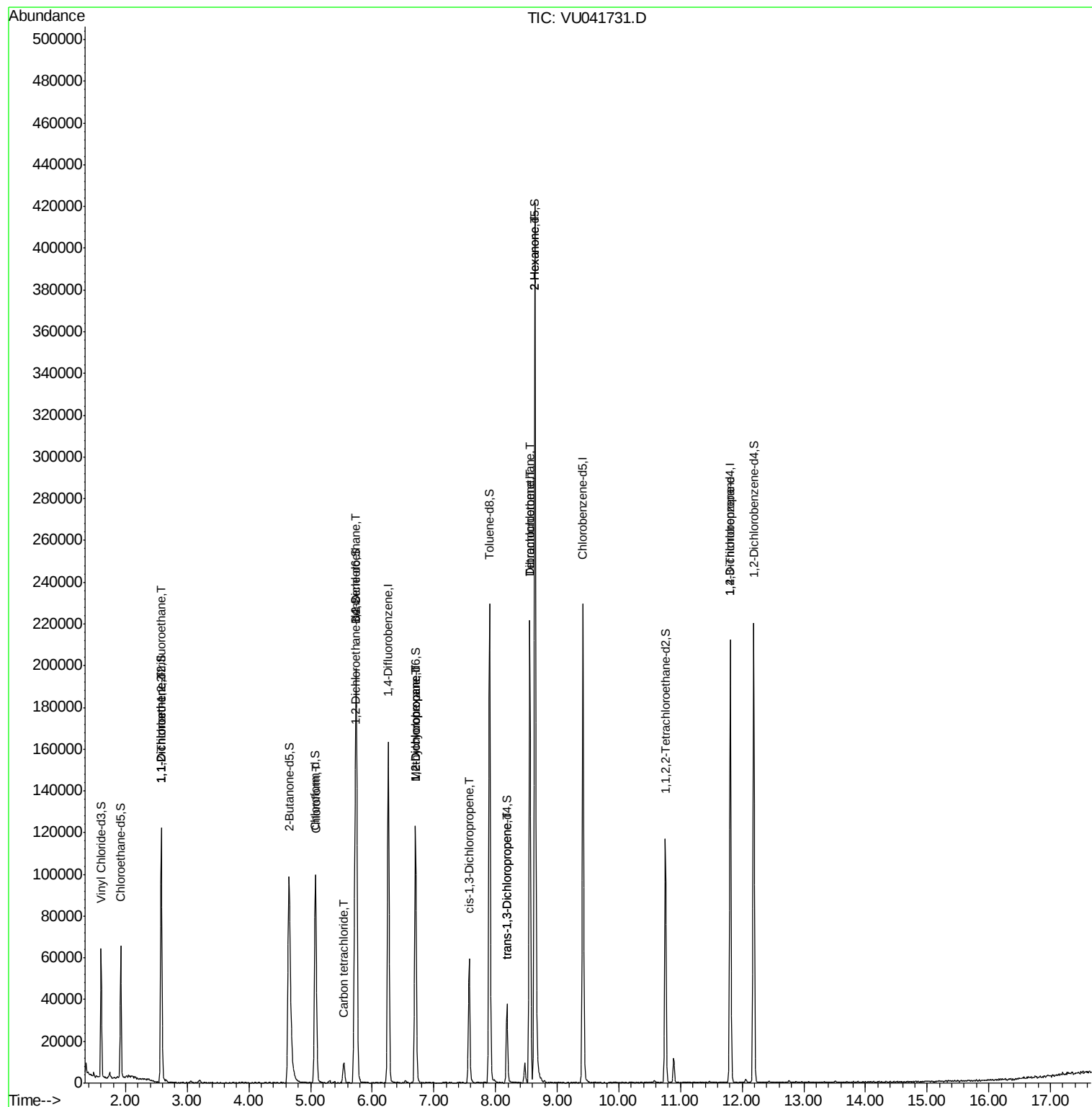
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	555	0.059	ug/L #	22
12) 1,1-Dichloroethene	2.58	96	735	0.079	ug/L #	1
25) Chloroform	5.09	83	1582	0.087	ug/L #	69
27) 1,2-Dichloroethane	5.74	62	858	0.070	ug/L #	73
31) Carbon tetrachloride	5.54	117	6620	0.499	ug/L	94
35) Methylcyclohexane	6.70	83	14068	0.810	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	5938	0.543	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1543	0.095	ug/L #	65
44) trans-1,3-Dichloropropene	8.18	75	890	0.061	ug/L #	80
47) Tetrachloroethene	8.56	164	52024	6.917	ug/L	95
48) 2-Hexanone	8.64	43	17100	3.019	ug/L #	68
49) Dibromochloromethane	8.56	129	49124	5.288	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6476	0.788	ug/L	96

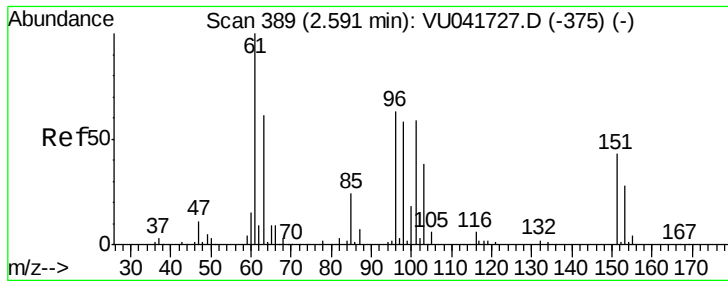
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122220\
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Acq On : 22 Dec 2020 11:05
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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
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GB1T3

Quant Time: Dec 23 04:06:29 2020
Quant Method : Z:\V0ASRV\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





#10

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

Concen: 0.059 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

Instrument :

MSVOA_U

ClientSampled :

GB1T3

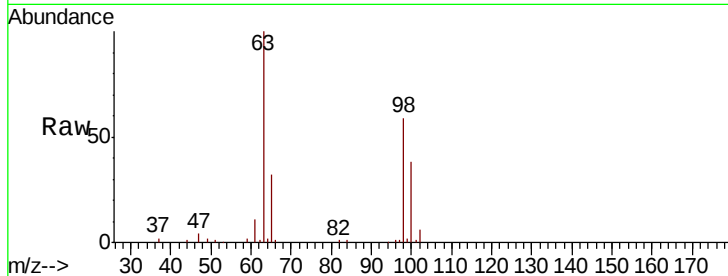
Tot Ion:101 Resp: 555

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

2.58

400

300

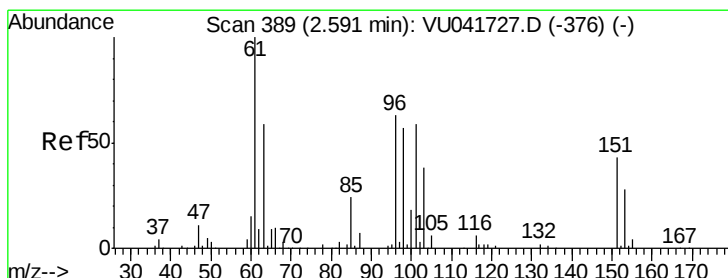
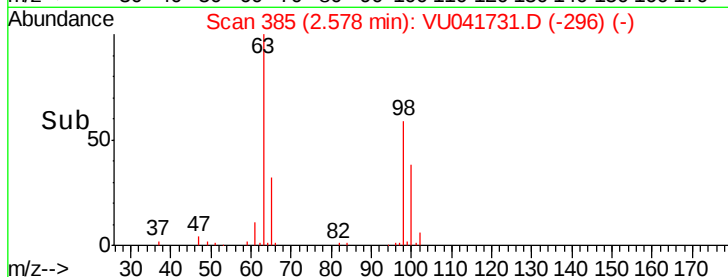
200

100

0

2.54 2.56 2.58 2.60 2.62

Time-->



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

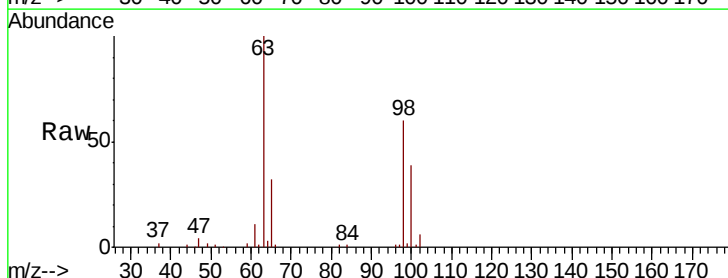
Tgt Ion: 96 Resp: 735

Ion Ratio Lower Upper

96 100

61 986.8 123.8 230.0#

63 8819.2 81.0 150.4#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

60000

50000

40000

30000

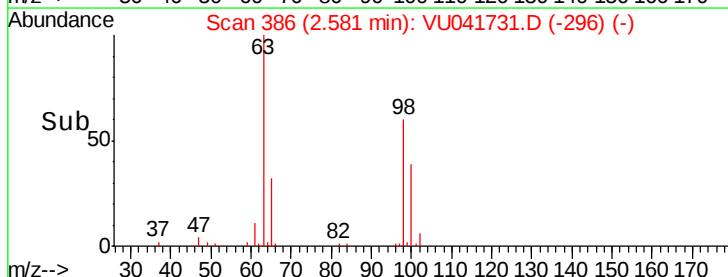
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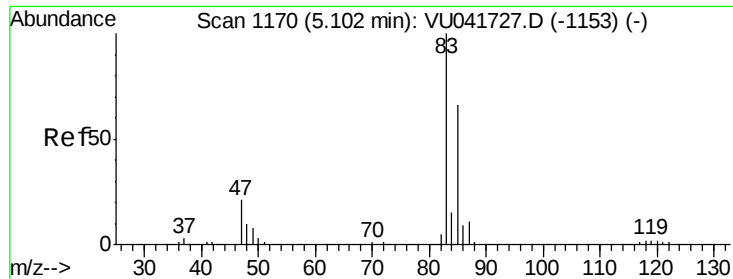
10000

0

2.55 2.58 2.60

Time-->

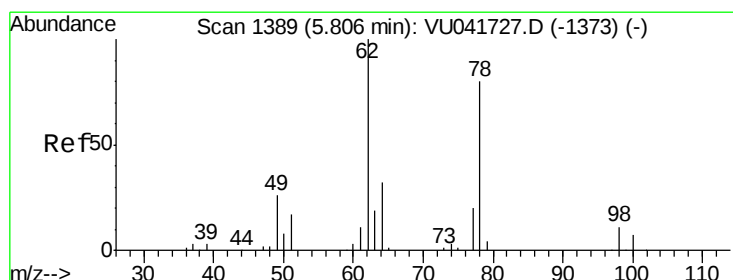
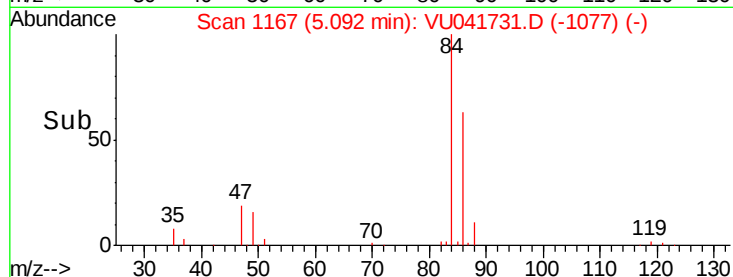
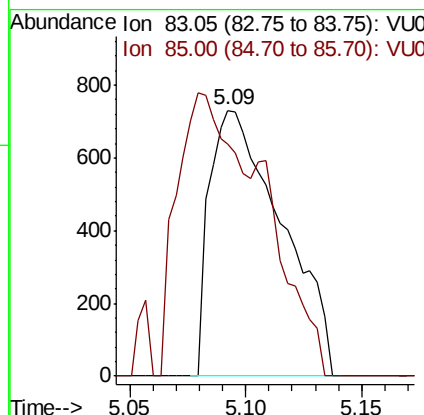
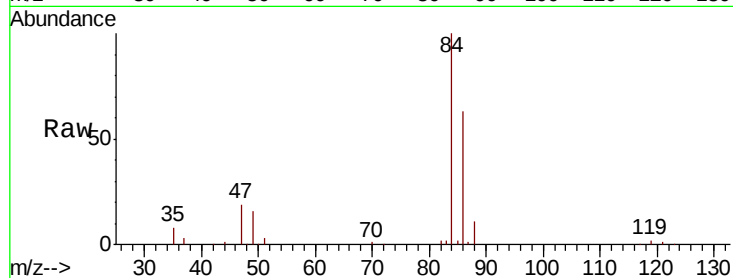




#25
Chloroform
Concen: 0.087 ug/L
RT: 5.09 min Scan# 1167
Delta R.T. -0.01 min
Lab File: VU041731.D
Acq: 22 Dec 2020 11:05

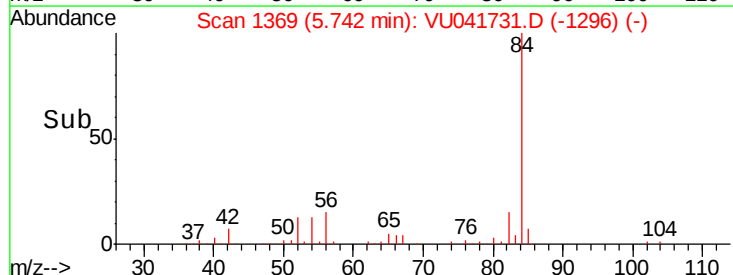
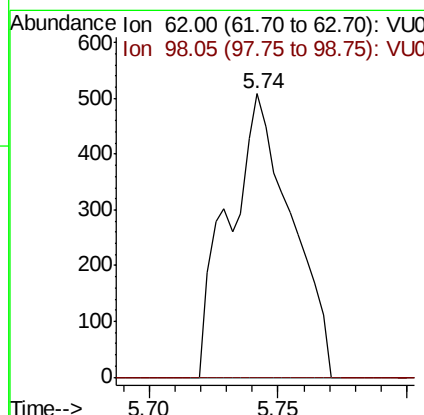
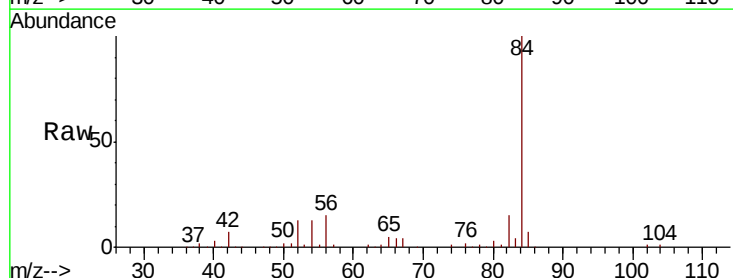
Instrument :
MSVOA_U
ClientSampleId :
GB1T3

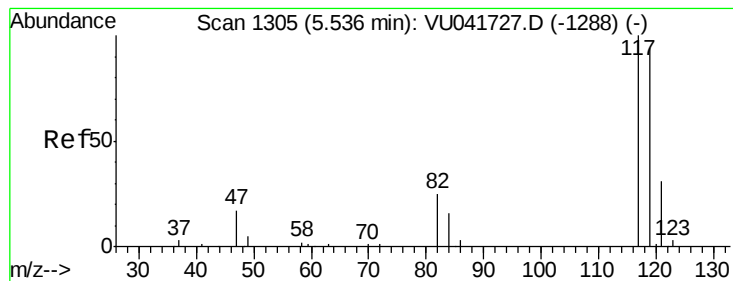
Tot Ion: 83 Resp: 1582
Ion Ratio Lower Upper
83 100
85 87.6 44.2 82.0#



#27
1,2-Dichloroethane
Concen: 0.070 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU041731.D
Acq: 22 Dec 2020 11:05

Tgt Ion: 62 Resp: 858
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.2#





#31

Carbon tetrachloride

Concen: 0.499 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

Instrument :

MSVOA_U

ClientSampleId :

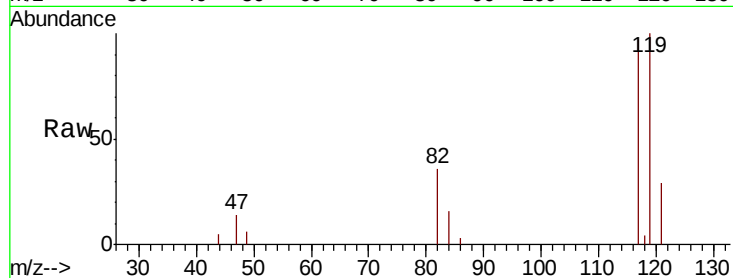
GB1T3

Tot Ion:117 Resp: 6620

Ion Ratio Lower Upper

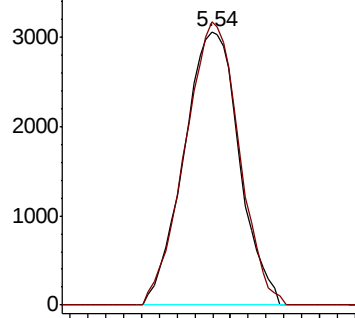
117 100

119 101.3 76.2 114.2

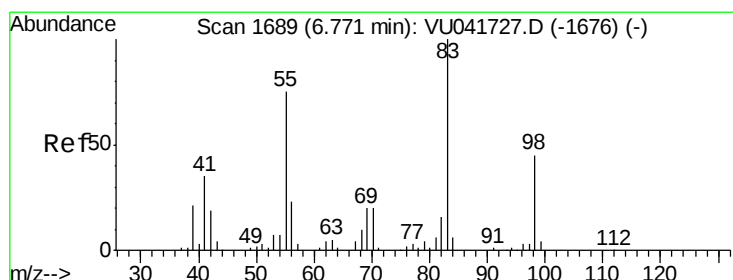
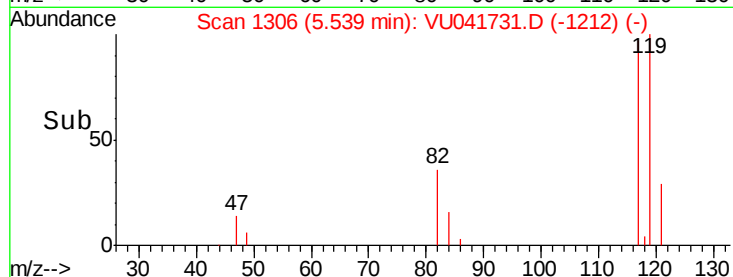


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



Time-->



#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

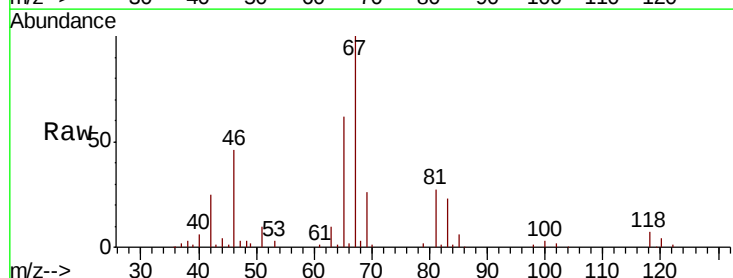
Tgt Ion: 83 Resp: 14068

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

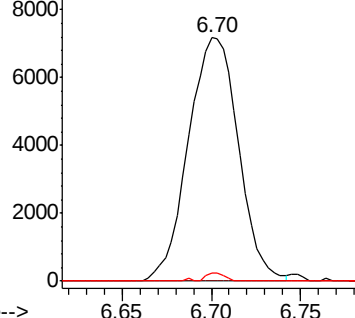
98 1.2 36.6 54.8#



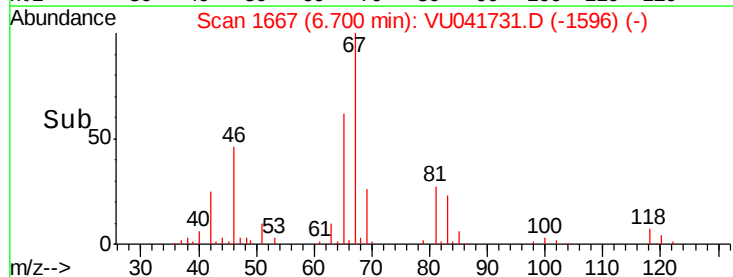
Abundance Ion 83.15 (82.85 to 83.85): VU0

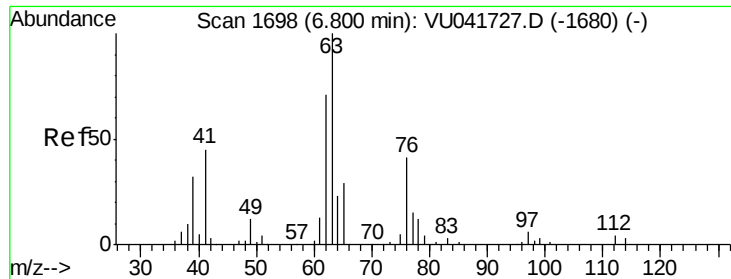
Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0



Time-->

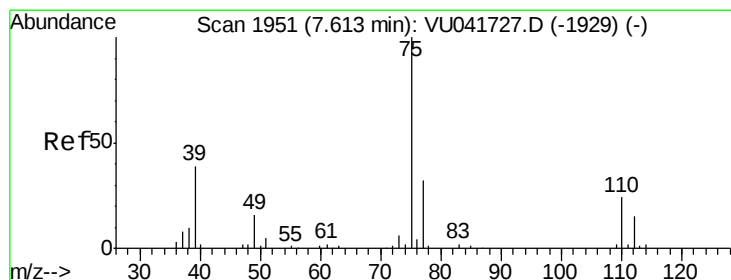
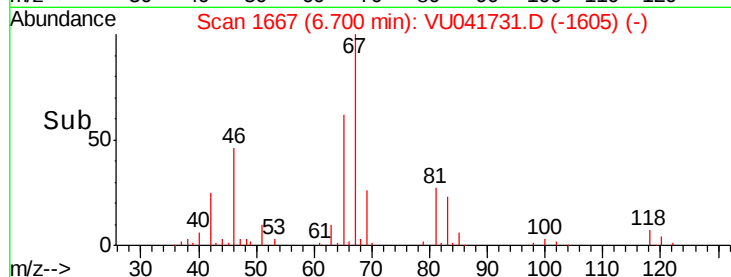
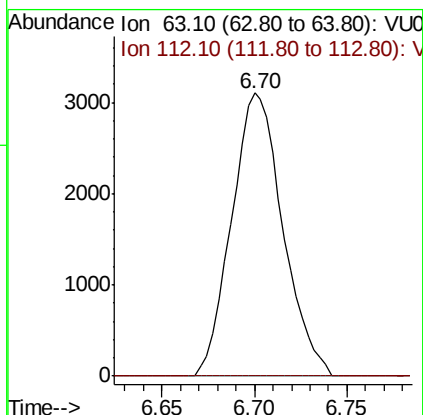
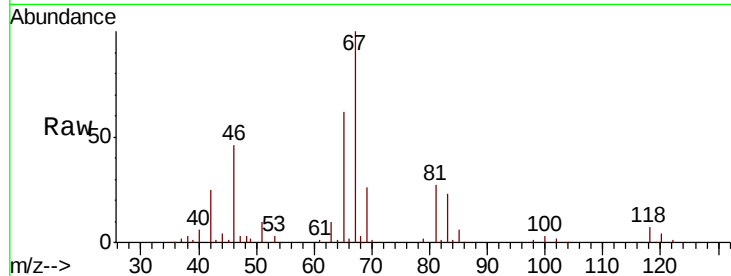




#37
 1,2-Dichloropropane
 Concen: 0.543 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU041731.D
 Acq: 22 Dec 2020 11:05

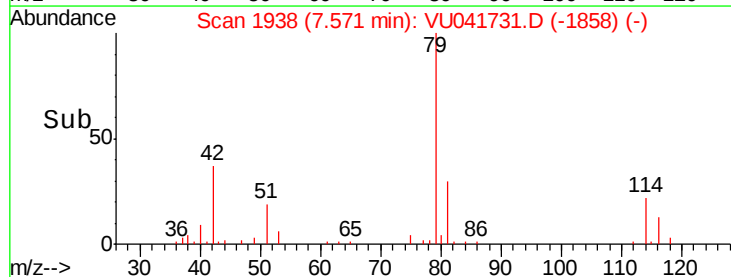
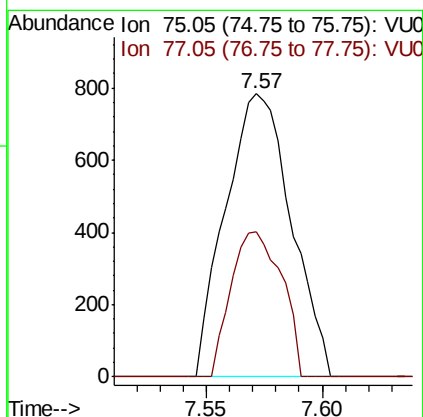
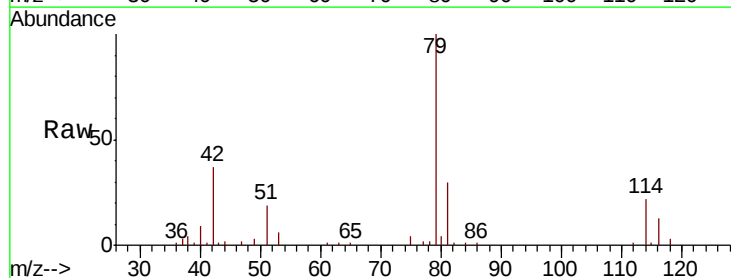
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1T3

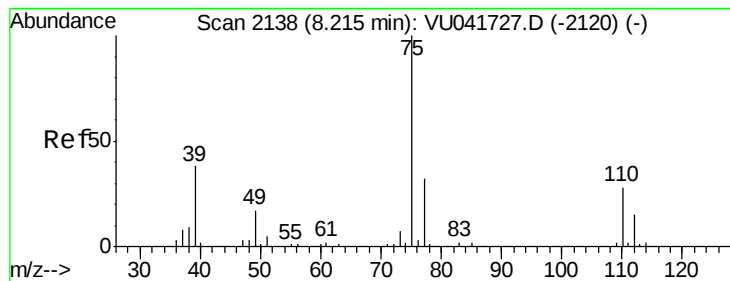
Tot Ion: 63 Resp: 5938
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU041731.D
 Acq: 22 Dec 2020 11:05

Tgt Ion: 75 Resp: 1543
 Ion Ratio Lower Upper
 75 100
 77 51.4 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

Instrument :

MSVOA_U

ClientSampleId :

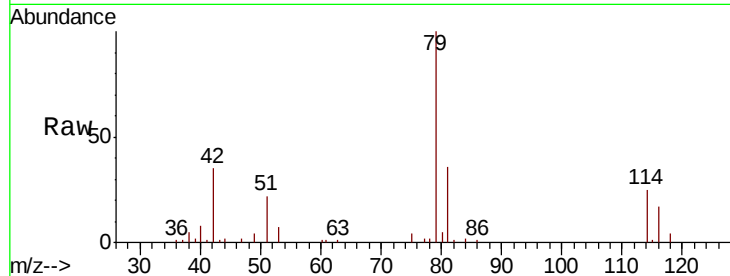
GB1T3

Tot Ion: 75 Resp: 890

Ion Ratio Lower Upper

75 100

77 45.2 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041731.D (-2120) (-)

Ion 77.05 (76.75 to 77.75): VU041731.D (-2120) (-)

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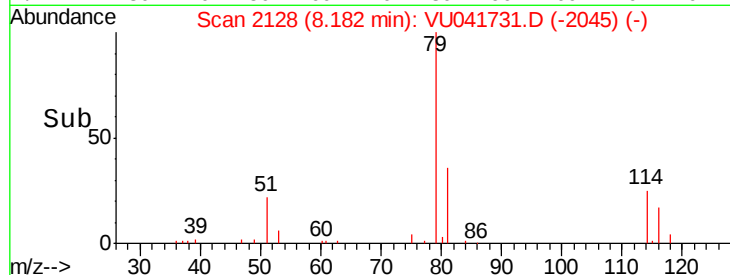
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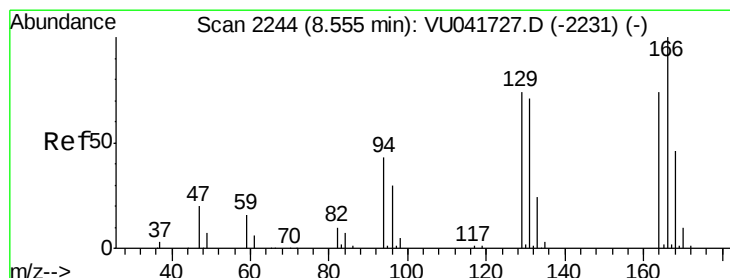
8.18

8.18

8.18



Time-->



#47

Tetrachloroethene

Concen: 6.917 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

Tgt Ion:164 Resp: 52024

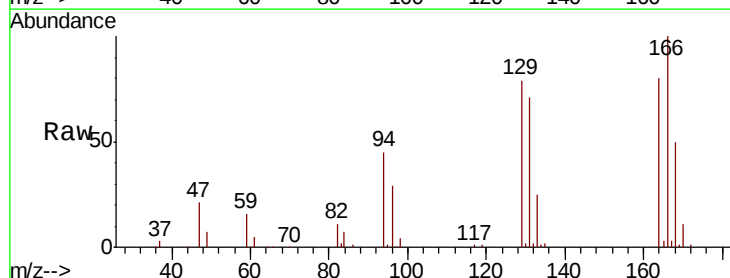
Ion Ratio Lower Upper

164 100

129 98.5 72.2 134.0

131 88.9 66.9 124.3

166 124.6 89.6 166.4



Abundance Ion 163.90 (163.60 to 164.60): VU041731.D (-2231) (-)

Ion 128.95 (128.65 to 129.65): VU041731.D (-2231) (-)

Ion 130.95 (130.65 to 131.65): VU041731.D (-2231) (-)

Ion 165.90 (165.60 to 166.60): VU041731.D (-2231) (-)

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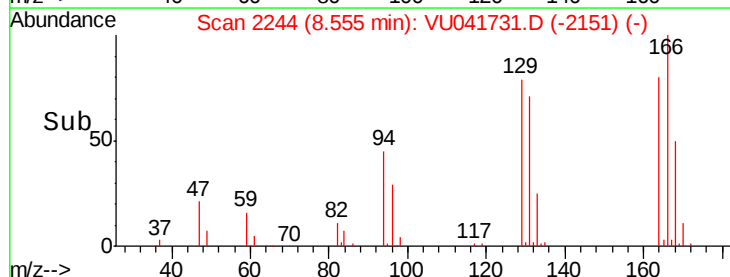
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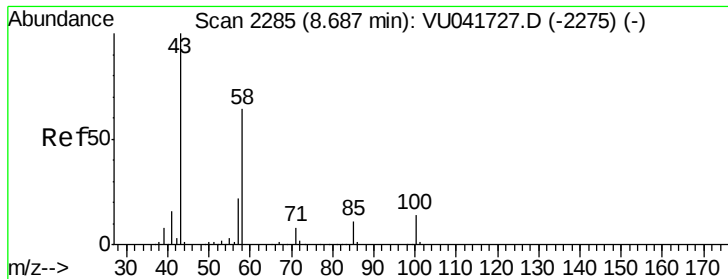
8.56

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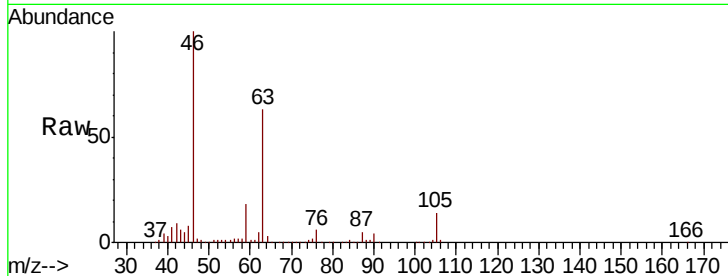
Time-->



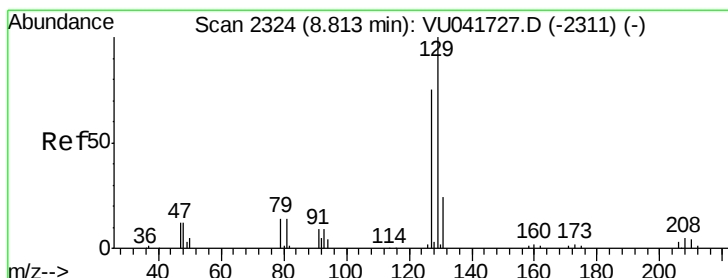
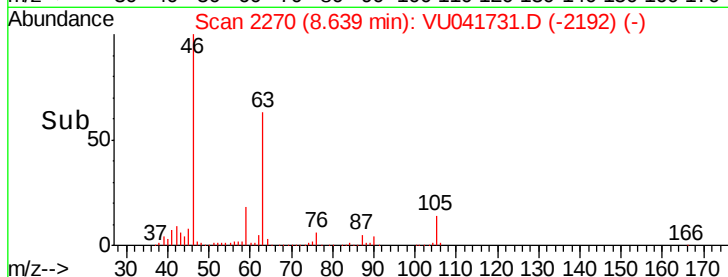
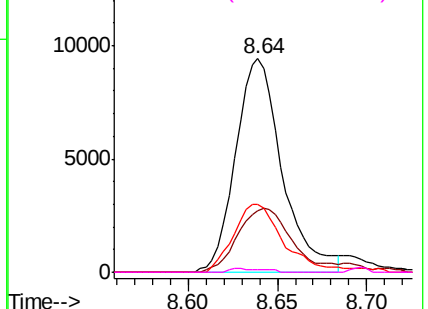
#48
2-Hexanone
Concen: 3.019 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041731.D
Acq: 22 Dec 2020 11:05

Instrument :
MSVOA_U
ClientSampleId :
GB1T3

Tot Ion: 43 Resp: 17100
Ion Ratio Lower Upper
43 100
58 35.0 47.9 71.9#
57 35.1 16.5 24.7#
100 0.9 9.4 14.2#

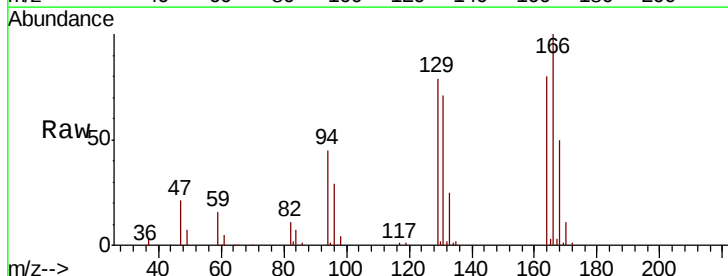


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

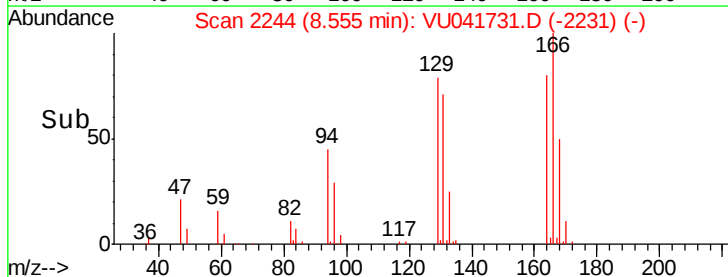
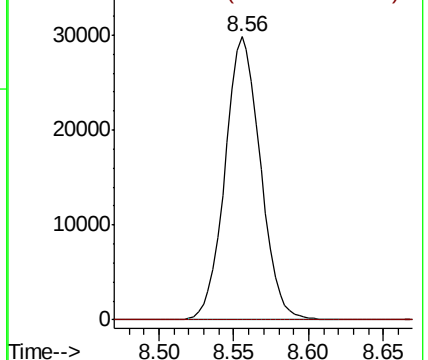


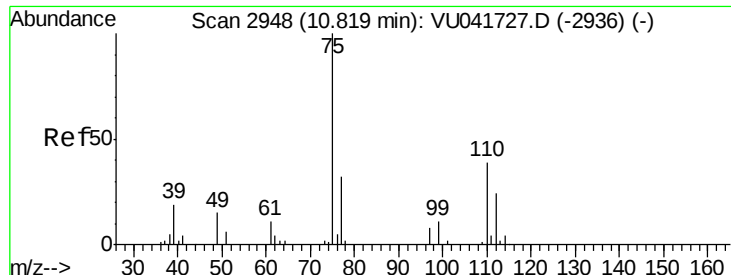
#49
Dibromochloromethane
Concen: 5.288 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041731.D
Acq: 22 Dec 2020 11:05

Tgt Ion: 129 Resp: 49124
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#59

1,2,3-Trichloropropane

Concen: 0.788 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041731.D

Acq: 22 Dec 2020 11:05

Instrument :

MSVOA_U

ClientSampleId :

GB1T3

Tot Ion: 75 Resp: 6476

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.2

