

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041773.D
 Acq On : 23 Dec 2020 11:34
 Operator : SY/MD
 Sample : L5161-11DL 2X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB236DL

Quant Time: Dec 24 01:09:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 24 01:08:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	146820	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	142010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	62031	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	43717	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.92	69	44666	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.58	63	65862	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	4.66	46	153180	46.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	5.08	84	89277	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.72	65	51598	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.74	84	173238	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.70	67	55597	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.90	98	138559	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	21854	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	137847	43.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52704	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	54043	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

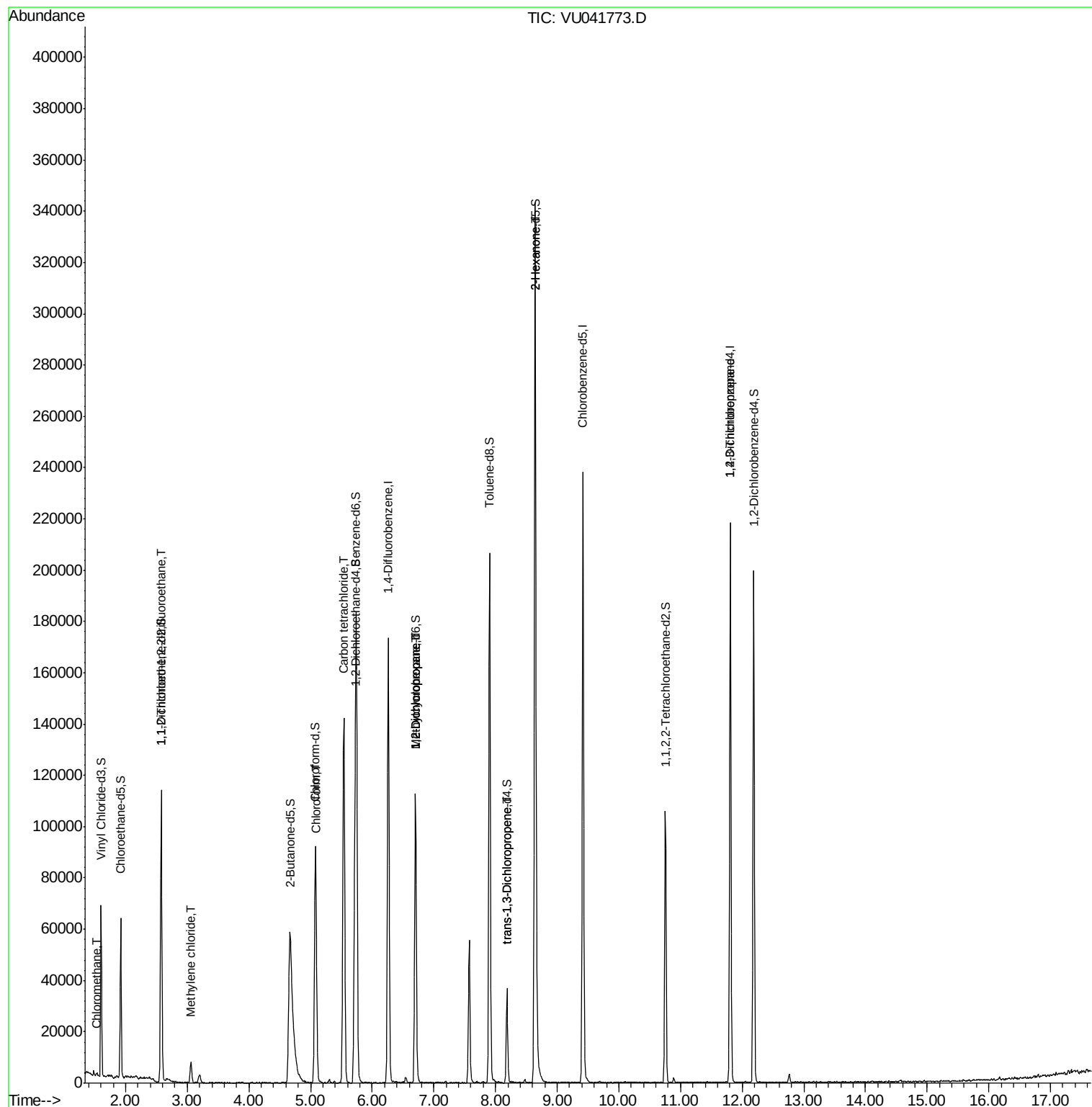
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.53	50	599	0.050	ug/L	82
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	764	0.076	ug/L #	22
16) Methylene chloride	3.06	84	4259	0.358	ug/L	83
25) Chloroform	5.10	83	2621	0.135	ug/L	95
31) Carbon tetrachloride	5.54	117	99861	7.082	ug/L	99
35) Methylcyclohexane	6.70	83	13109	0.711	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	6014	0.518	ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	945	0.061	ug/L	88
48) 2-Hexanone	8.64	43	15020	2.497	ug/L #	73
59) 1,2,3-Trichloropropane	11.81	75	6537	0.749	ug/L	98

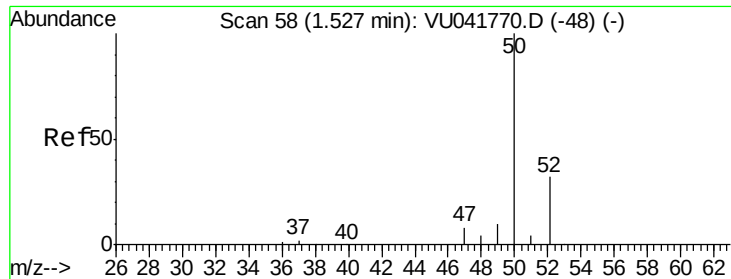
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU122320\
Data File : VU041773.D
Acq On : 23 Dec 2020 11:34
Operator : SY/MD
Sample : L5161-11DL 2X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB236DL

Quant Time: Dec 24 01:09:37 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.050 ug/L

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

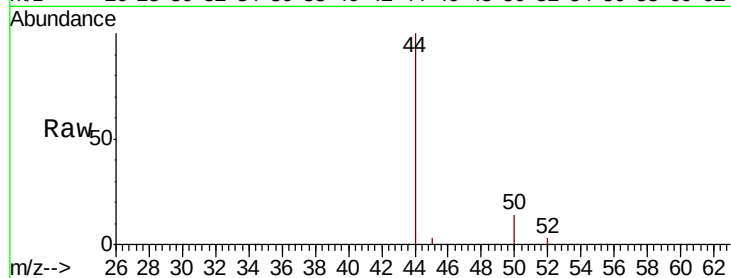
GB236DL

Tot Ion: 50 Resp: 599

Ion Ratio Lower Upper

50 100

52 24.4 24.1 44.8



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.53

400

300

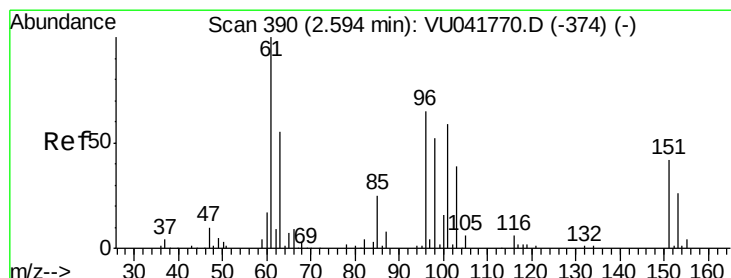
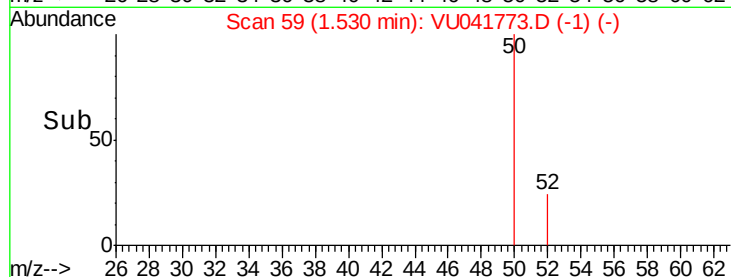
200

100

0

1.50 1.52 1.54 1.56

Time-->



#10

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

Concen: 0.076 ug/L

RT: 2.57 min Scan# 383

Delta R.T. -0.02 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

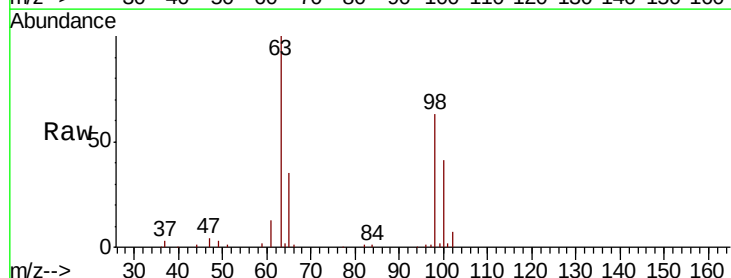
Tgt Ion: 101 Resp: 764

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

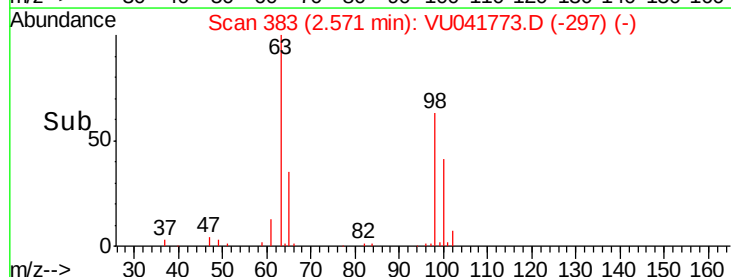
400

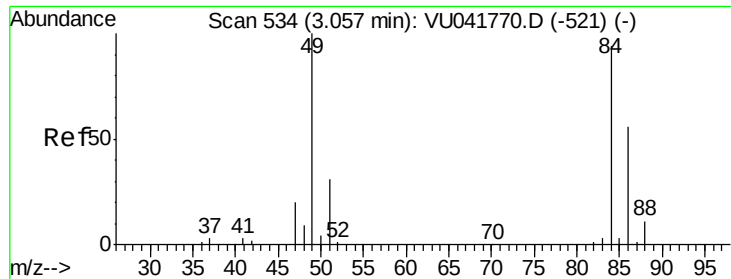
200

0

2.54 2.56 2.58 2.60 2.62

Time-->

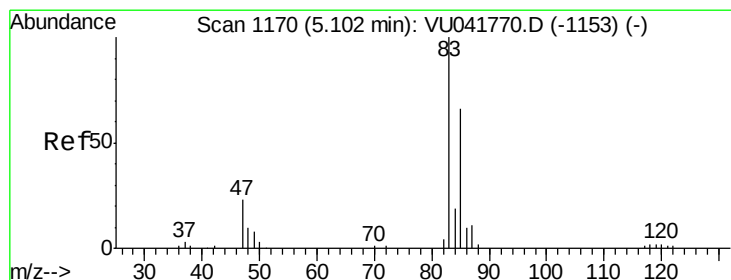
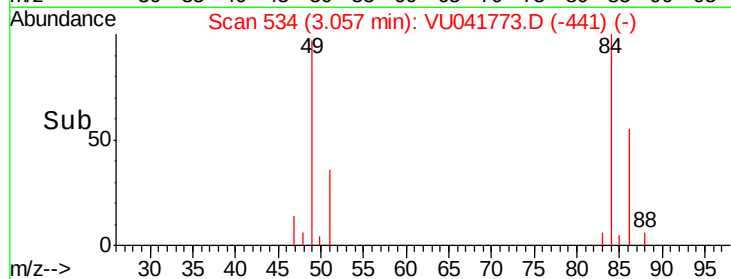
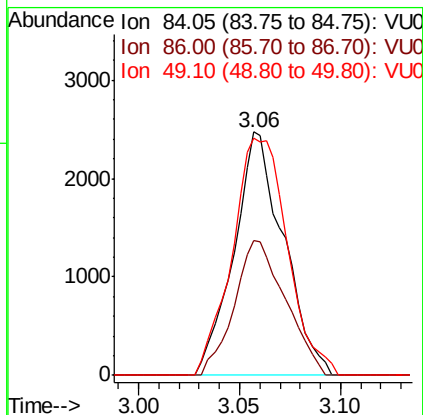
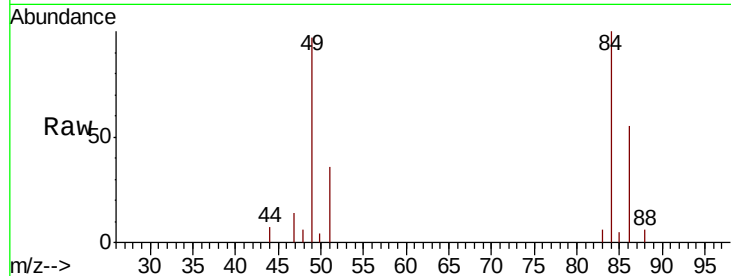




#16
Methylene chloride
Concen: 0.358 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041773.D
Acq: 23 Dec 2020 11:34

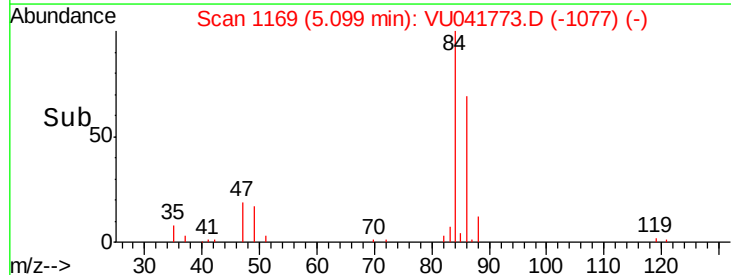
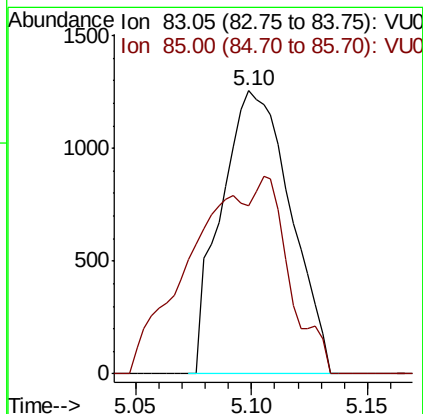
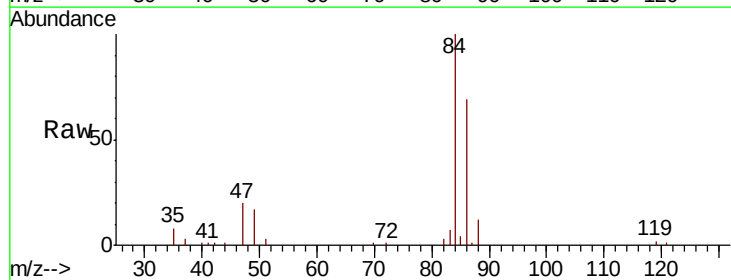
Instrument :
MSVOA_U
ClientSampleId :
GB236DL

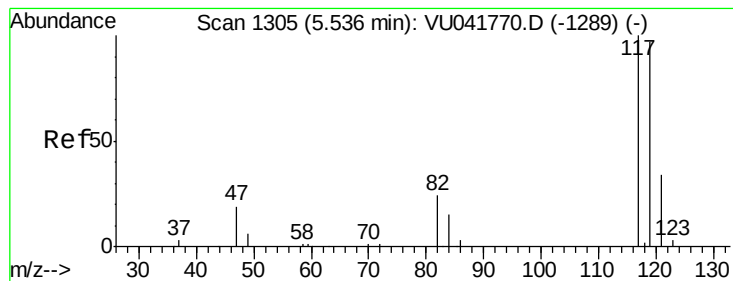
Tot Ion: 84 Resp: 4259
Ion Ratio Lower Upper
84 100
86 55.2 45.1 83.7
49 97.2 83.1 154.3



#25
Chloroform
Concen: 0.135 ug/L
RT: 5.10 min Scan# 1169
Delta R.T. -0.00 min
Lab File: VU041773.D
Acq: 23 Dec 2020 11:34

Tgt Ion: 83 Resp: 2621
Ion Ratio Lower Upper
83 100
85 59.6 44.2 82.0





#31

Carbon tetrachloride

Concen: 7.082 ug/L

RT: 5.54 min Scan# 1306

Delta R.T. 0.00 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

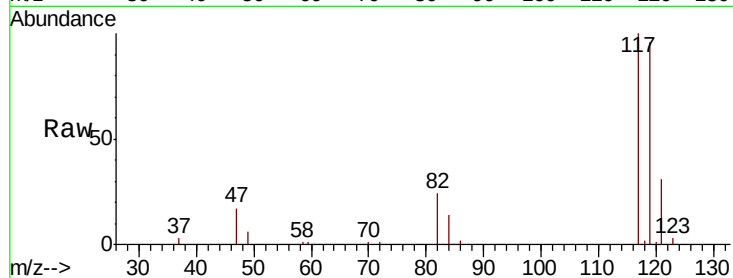
GB236DL

Tot Ion:117 Resp: 99861

Ion Ratio Lower Upper

117 100

119 96.4 76.2 114.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

5.54

50000

40000

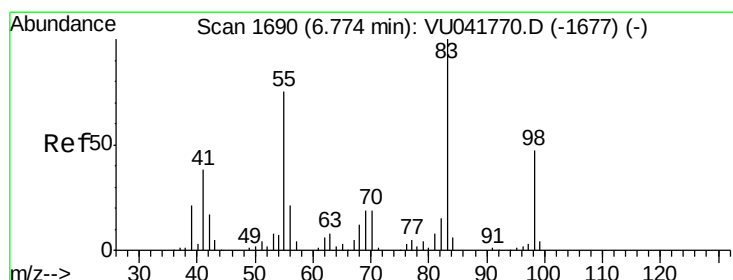
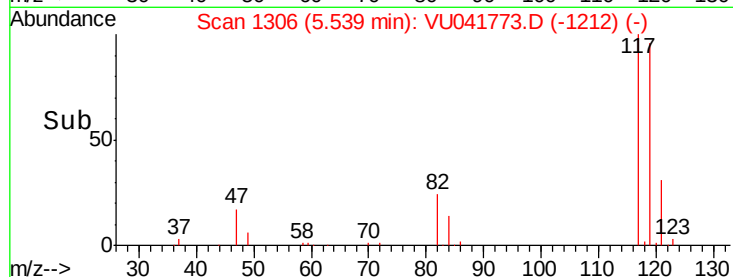
30000

20000

10000

0

Time-->



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

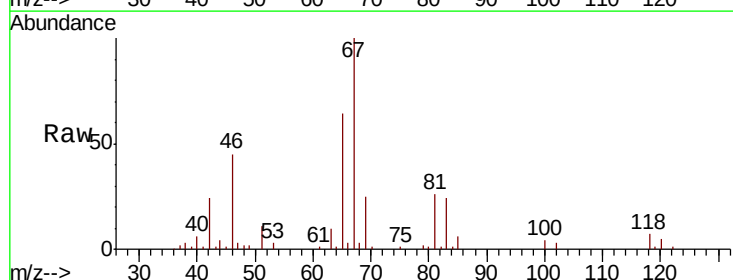
Tgt Ion: 83 Resp: 13109

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 2.1 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

8000

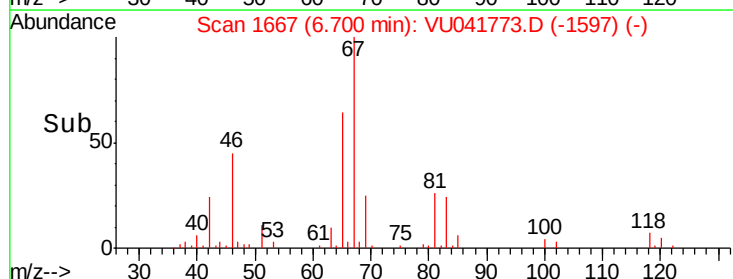
6000

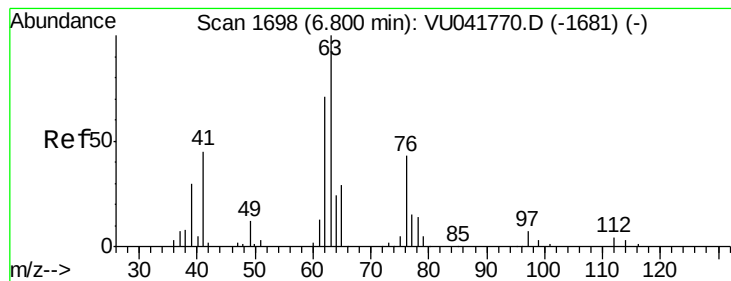
4000

2000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.518 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

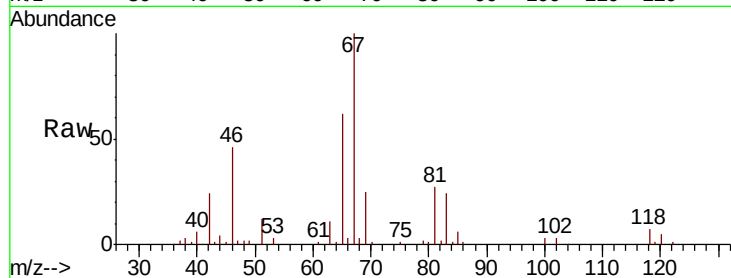
GB236DL

Tot Ion: 63 Resp: 6014

Ion Ratio Lower Upper

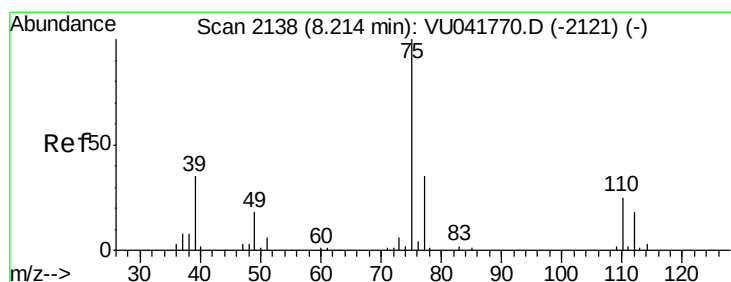
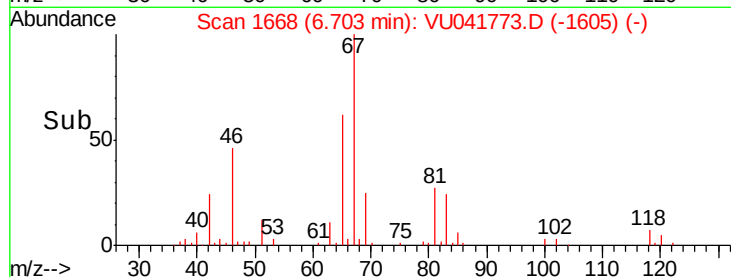
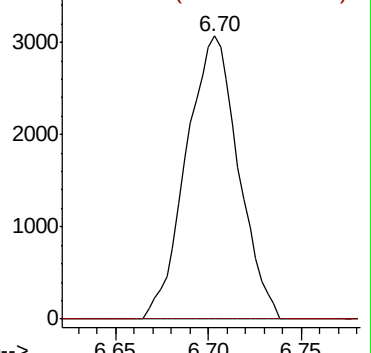
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041773.D (-1668) (-)

Ion 112.10 (111.80 to 112.80): VU041773.D (-1668) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041773.D

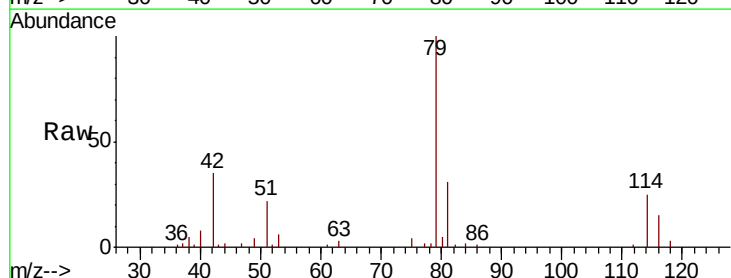
Acq: 23 Dec 2020 11:34

Tgt Ion: 75 Resp: 945

Ion Ratio Lower Upper

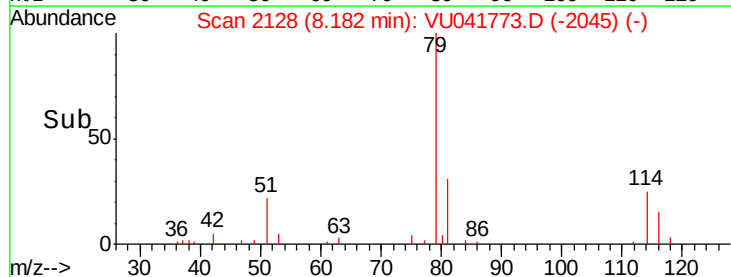
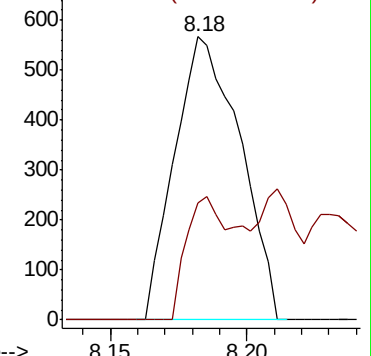
75 100

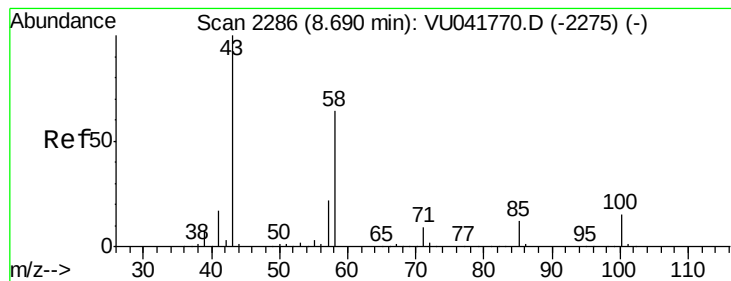
77 41.1 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU041773.D (-2128) (-)

Ion 77.05 (76.75 to 77.75): VU041773.D (-2128) (-)





#48

2-Hexanone

Concen: 2.497 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

Instrument :

MSVOA_U

ClientSampleId :

GB236DL

Tot Ion: 43 Resp: 15020

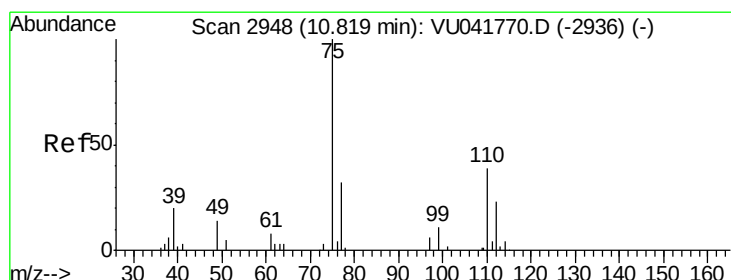
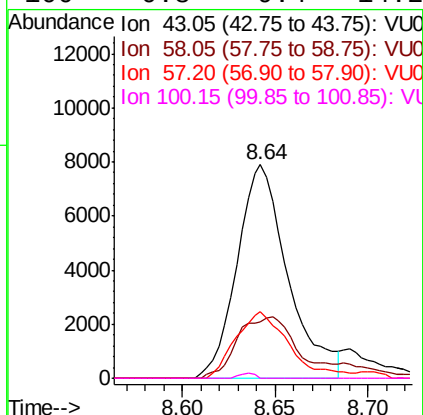
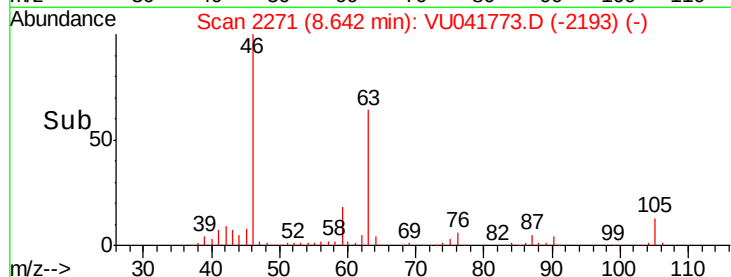
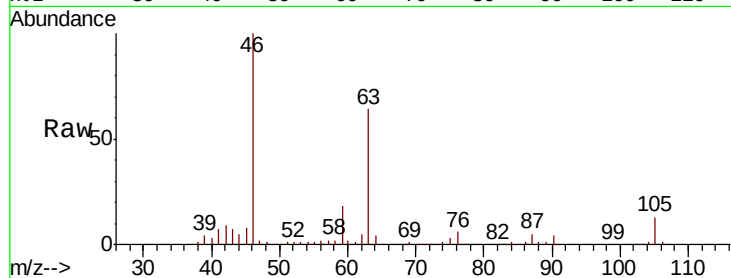
Ion Ratio Lower Upper

43 100

58 39.1 47.9 71.9#

57 32.7 16.5 24.7#

100 0.8 9.4 14.2#



#59

1,2,3-Trichloropropane

Concen: 0.749 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041773.D

Acq: 23 Dec 2020 11:34

Tgt Ion: 75 Resp: 6537

Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

