

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122320\
 Data File : VU041772.D
 Acq On : 23 Dec 2020 11:10
 Operator : SY/MD
 Sample : L5185-07DL 100X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S5DL

Quant Time: Dec 24 01:09:25 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	127222	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	124816	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	56745	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40409	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	42044	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.58	63	60894	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	4.66	46	143684	50.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.58%
24) Chloroform-d	5.08	84	81718	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.71	65	47642	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	155883	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.70	67	51231	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.90	98	126534	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	8.18	79	20538	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	8.64	63	125250	45.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.94%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49423	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	48725	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

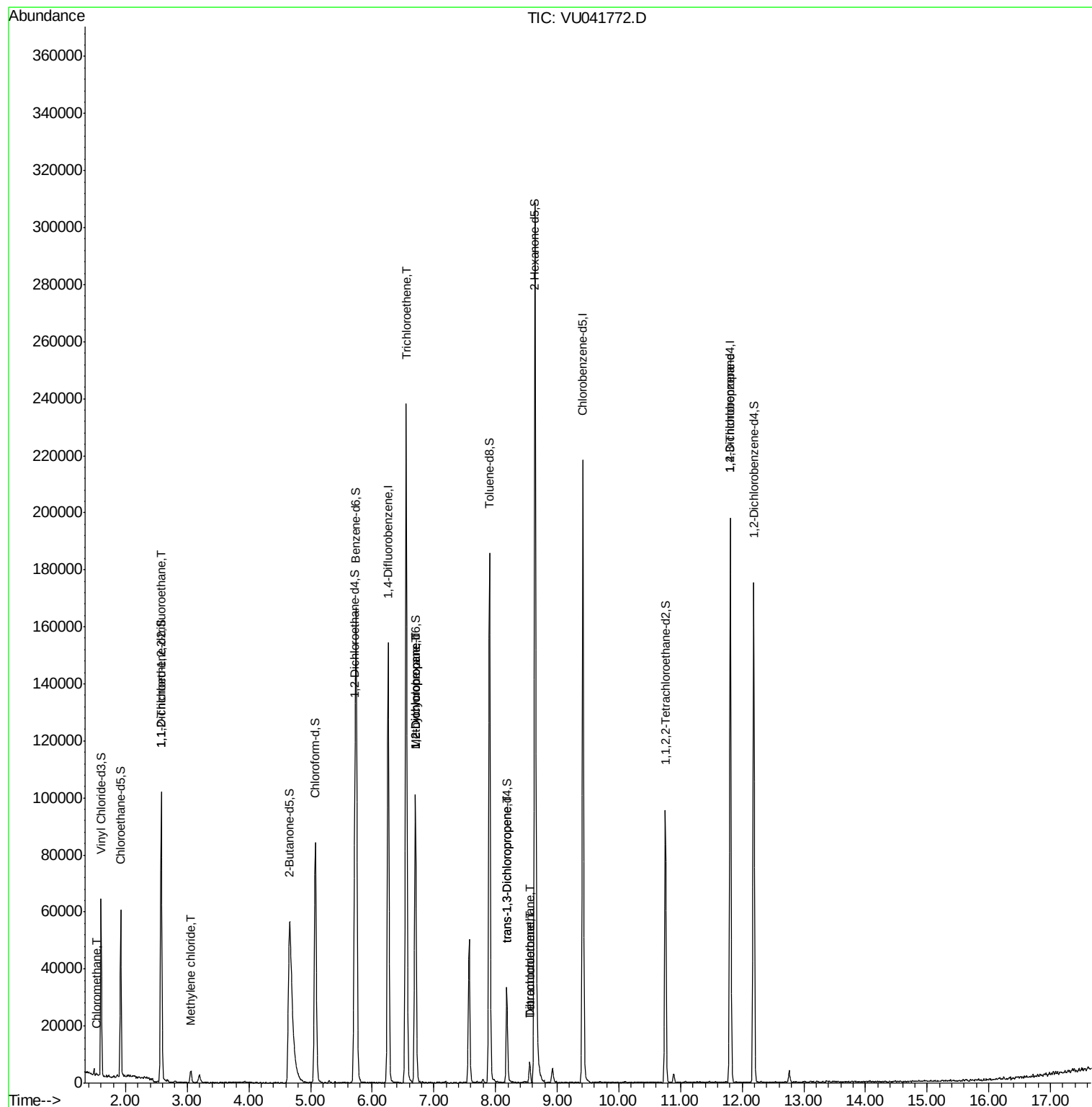
					Ovalue
3) Chloromethane	1.52	50	600	0.057 ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	705	0.081 ug/L #	22
16) Methylene chloride	3.06	84	2432	0.236 ug/L	81
34) Trichloroethene	6.55	95	82328	8.207 ug/L	98
35) Methylcyclohexane	6.70	83	12240	0.755 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	4993	0.489 ug/L #	88
44) trans-1,3-Dichloropropene	8.18	75	984	0.073 ug/L	82
47) Tetrachloroethene	8.56	164	1743	0.248 ug/L	82
49) Dibromochloromethane	8.55	129	1639	0.189 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6198	0.808 ug/L	90

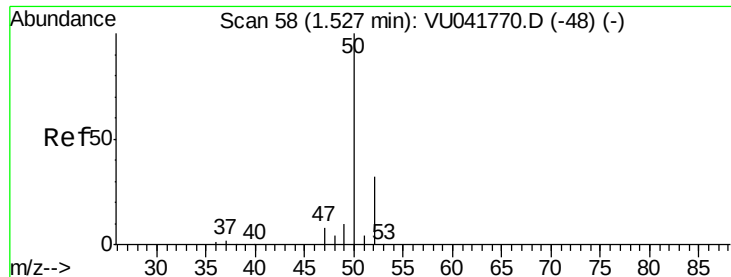
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 24 01:08:18 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.057 ug/L

RT: 1.52 min Scan# 57

Delta R.T. -0.00 min

Lab File: VU041772.D

Acq: 23 Dec 2020 11:10

Instrument :

MSVOA_U

ClientSampled :

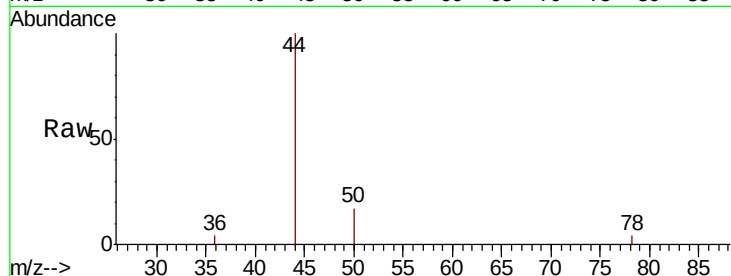
BG4S5DL

Tot Ion: 50 Resp: 600

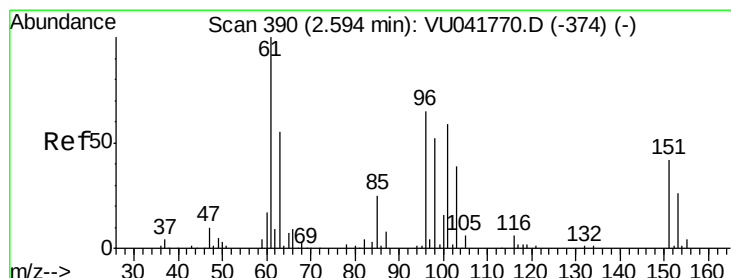
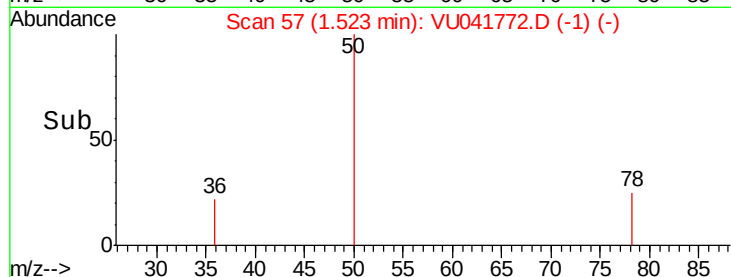
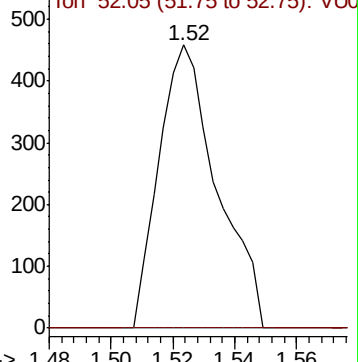
Ion Ratio Lower Upper

50 100

52 0.0 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU041772.D (-1) (-)



#10

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

Concen: 0.081 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU041772.D

Acq: 23 Dec 2020 11:10

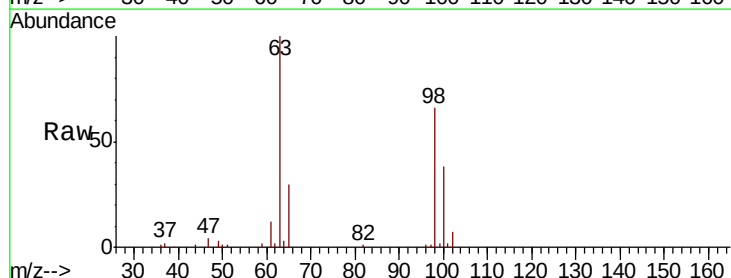
Tgt Ion: 101 Resp: 705

Ion Ratio Lower Upper

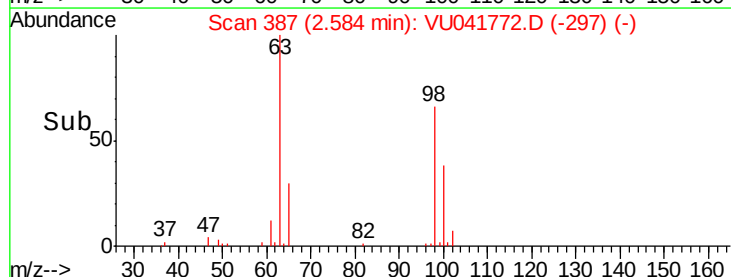
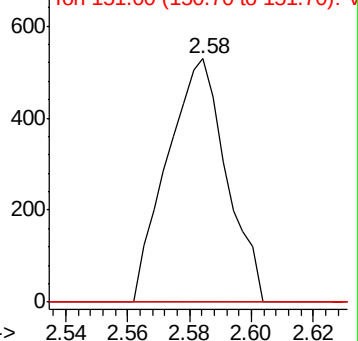
101 100

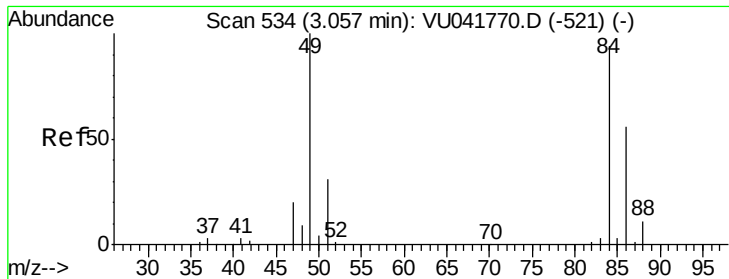
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041772.D (-297) (-)

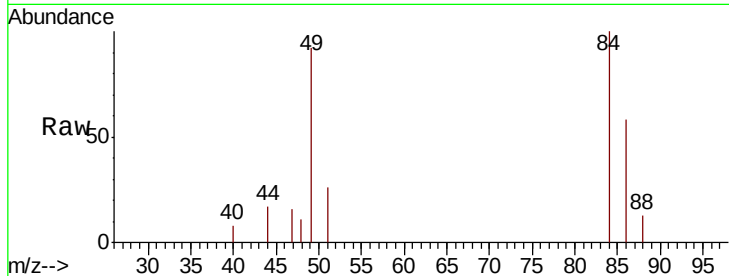




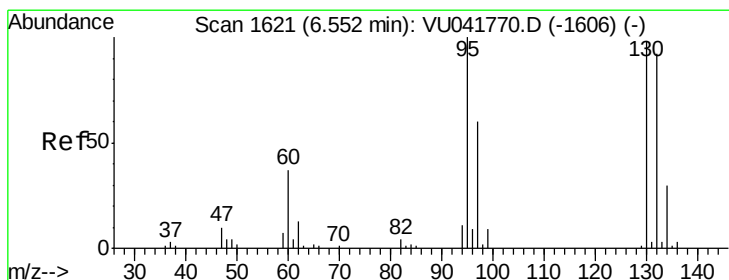
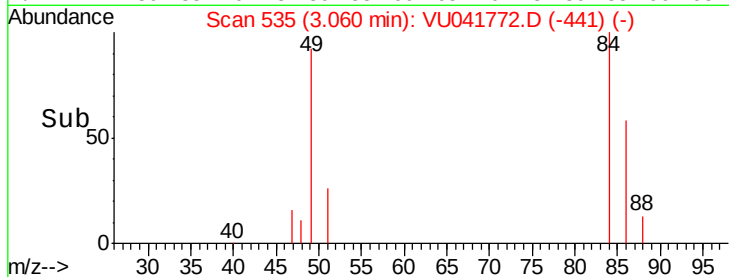
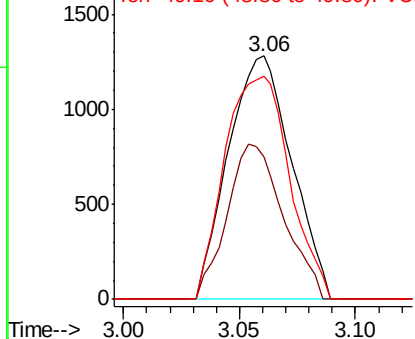
#16
Methylene chloride
Concen: 0.236 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041772.D
Acq: 23 Dec 2020 11:10

Instrument :
MSVOA_U
ClientSampleId :
BG4S5DL

Tot Ion: 84 Resp: 2432
Ion Ratio Lower Upper
84 100
86 58.4 45.1 83.7
49 91.6 83.1 154.3

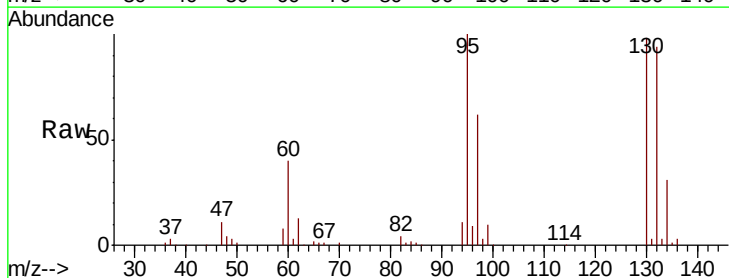


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

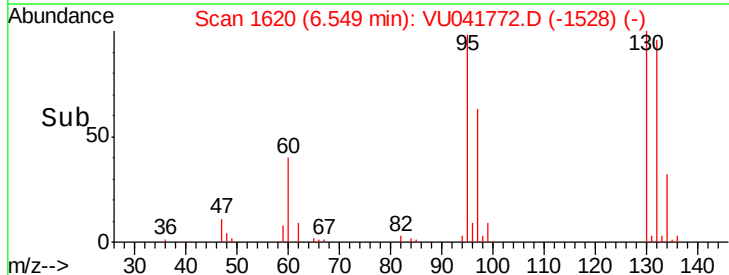
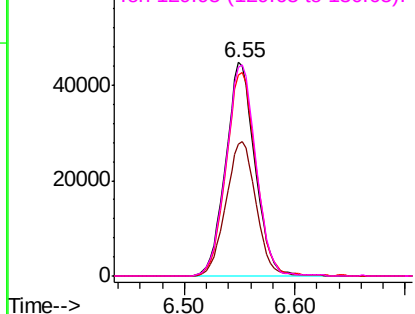


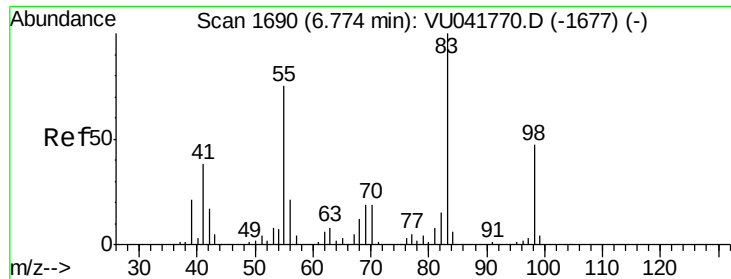
#34
Trichloroethene
Concen: 8.207 ug/L
RT: 6.55 min Scan# 1620
Delta R.T. -0.00 min
Lab File: VU041772.D
Acq: 23 Dec 2020 11:10

Tgt Ion: 95 Resp: 82328
Ion Ratio Lower Upper
95 100
97 61.8 43.9 81.5
132 94.3 63.1 117.3
130 97.7 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

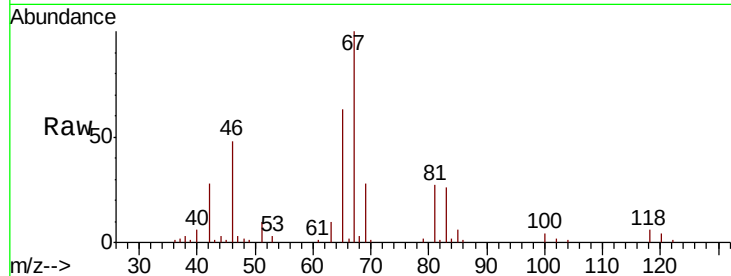




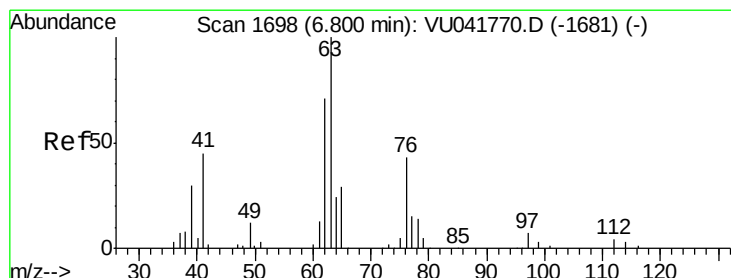
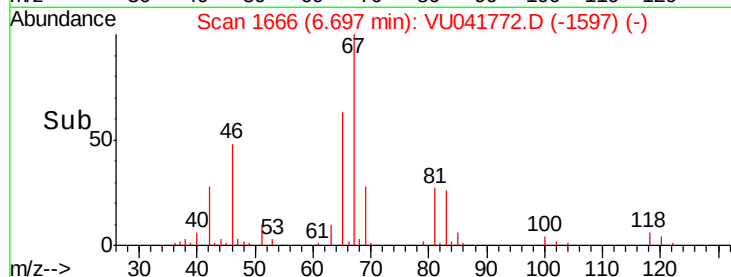
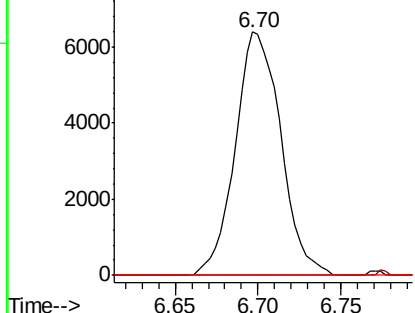
#35
Methylcyclohexane
Concen: 0.755 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.08 min
Lab File: VU041772.D
Acq: 23 Dec 2020 11:10

Instrument :
MSVOA_U
ClientSampleId :
BG4S5DL

Tot Ion: 83 Resp: 12240
Ion Ratio Lower Upper
83 100
55 0.4 61.2 91.8#
98 0.0 36.6 54.8#

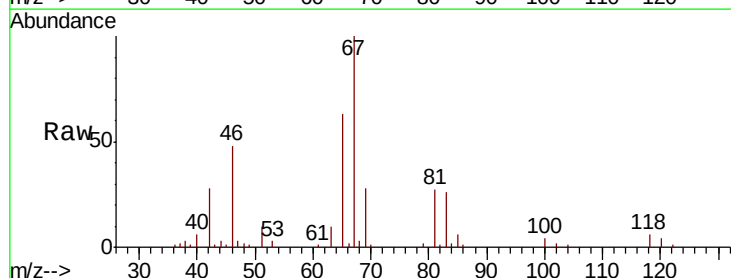


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

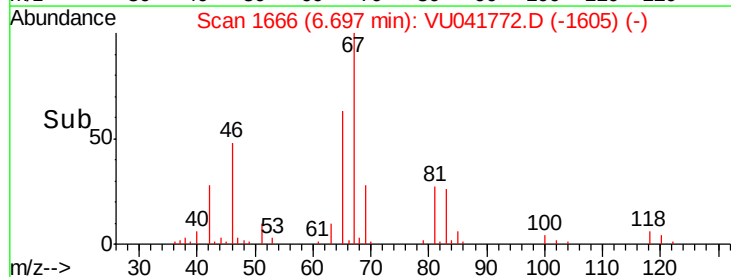
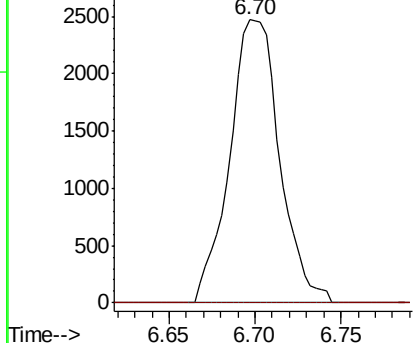


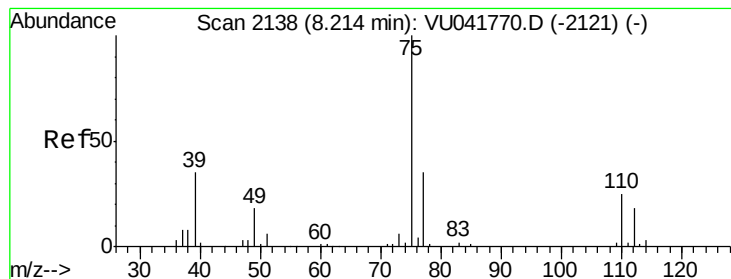
#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU041772.D
Acq: 23 Dec 2020 11:10

Tgt Ion: 63 Resp: 4993
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





#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041772.D

Acq: 23 Dec 2020 11:10

Instrument :

MSVOA_U

ClientSampleId :

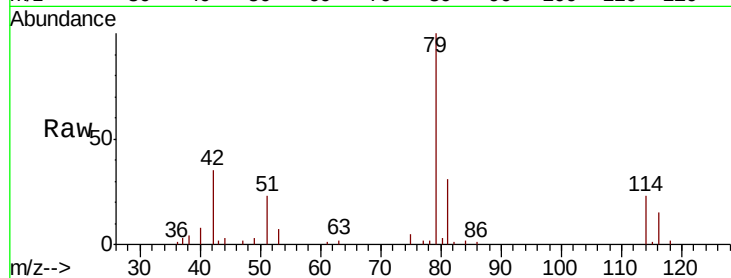
BG4S5DL

Tot Ion: 75 Resp: 984

Ion Ratio Lower Upper

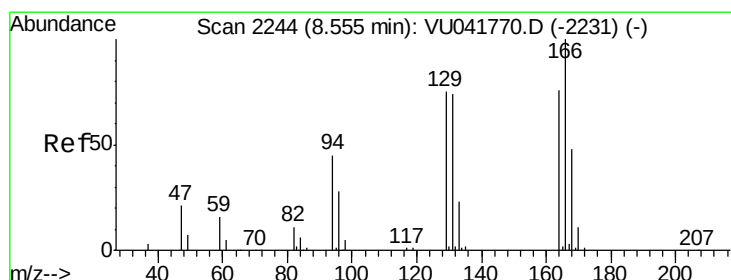
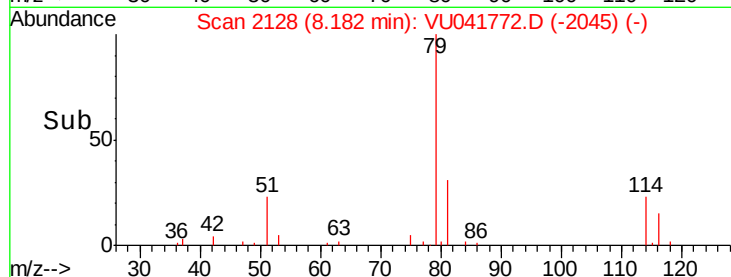
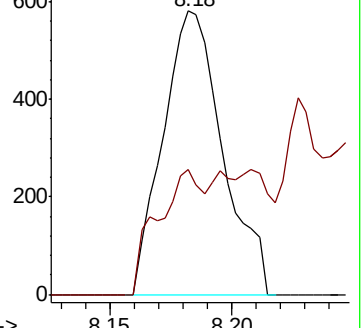
75 100

77 44.1 23.8 44.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU041772.D

Acq: 23 Dec 2020 11:10

Tgt Ion:164 Resp: 1743

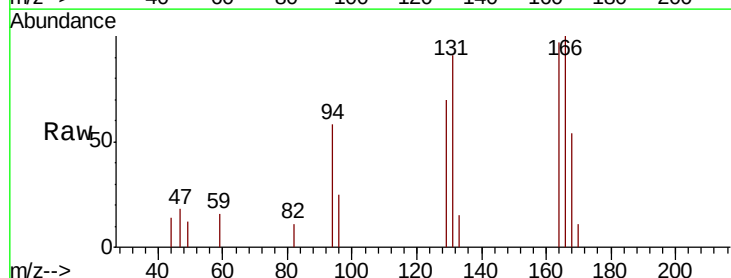
Ion Ratio Lower Upper

164 100

129 72.4 72.2 134.0

131 93.7 66.9 124.3

166 103.5 89.6 166.4

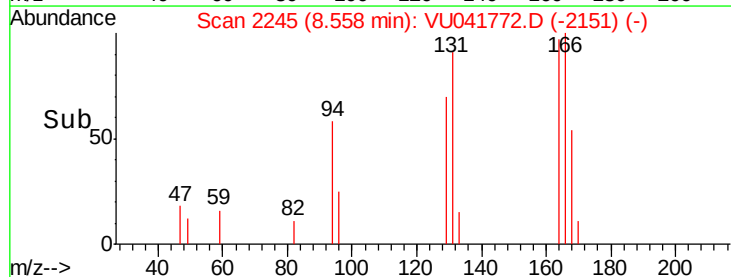
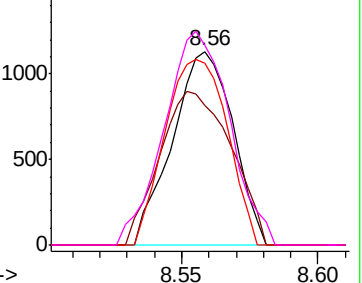


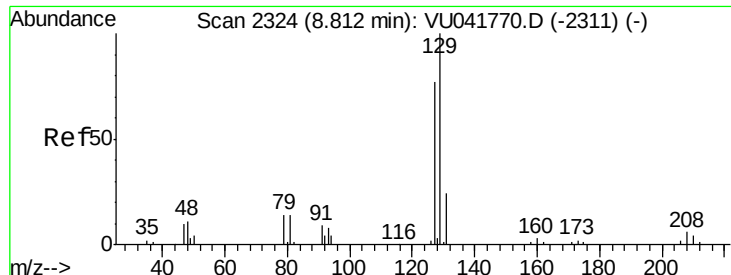
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V





#49

Dibromochloromethane

Concen: 0.189 ug/L

RT: 8.55 min Scan# 2243

Delta R.T. -0.26 min

Lab File: VU041772.D

Acq: 23 Dec 2020 11:10

Instrument :

MSVOA_U

ClientSampleId :

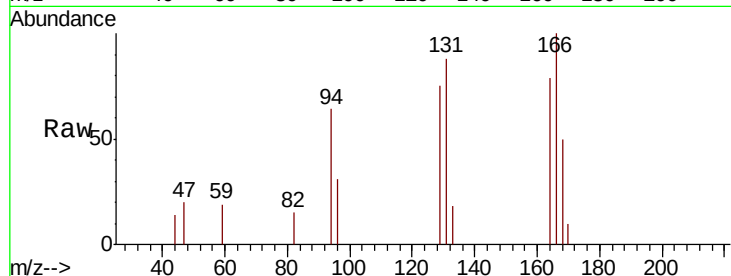
BG4S5DL

Tot Ion:129 Resp: 1639

Ion Ratio Lower Upper

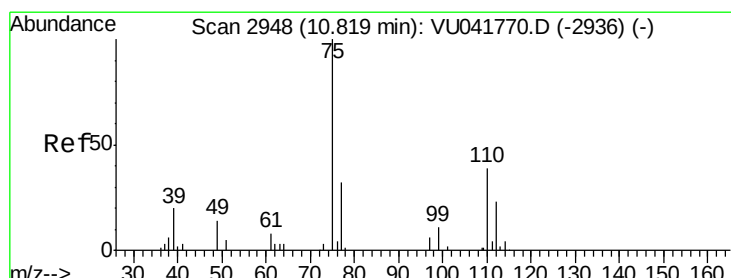
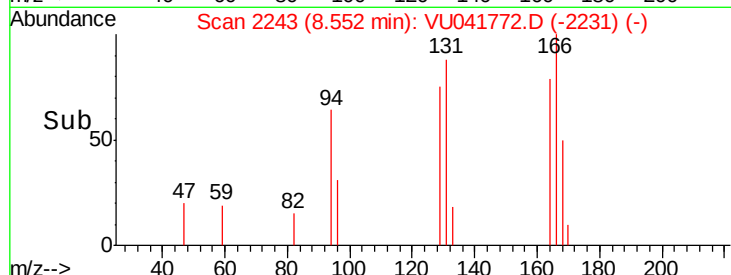
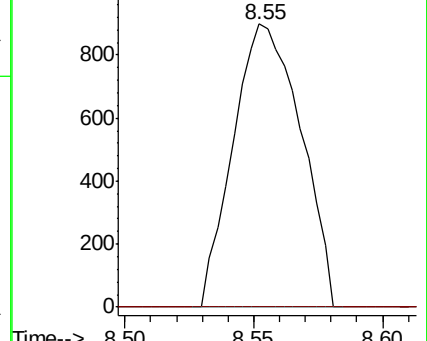
129 100

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: 0.808 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU041772.D

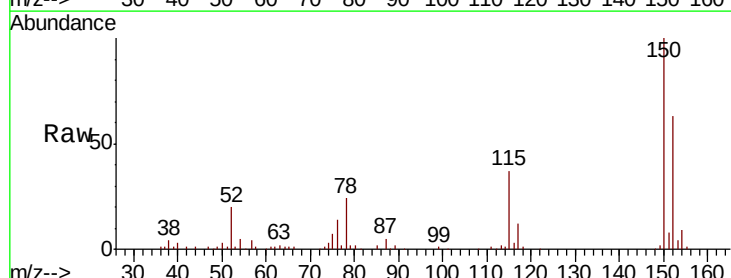
Acq: 23 Dec 2020 11:10

Tgt Ion: 75 Resp: 6198

Ion Ratio Lower Upper

75 100

77 27.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

