

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041812.D
 Acq On : 24 Dec 2020 17:29
 Operator : SY/MD
 Sample : L5185-15DL 20X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T1DL

Quant Time: Dec 25 03:48:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 25 03:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126597	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	123267	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	39615	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	39768	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.58	63	59199	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	4.67	46	169143	59.49	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.98%
24) Chloroform-d	5.08	84	88094	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	50541	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	159824	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	54650	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.90	98	129523	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	8.19	79	20950	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.64	63	128348	47.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47660	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	49572	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

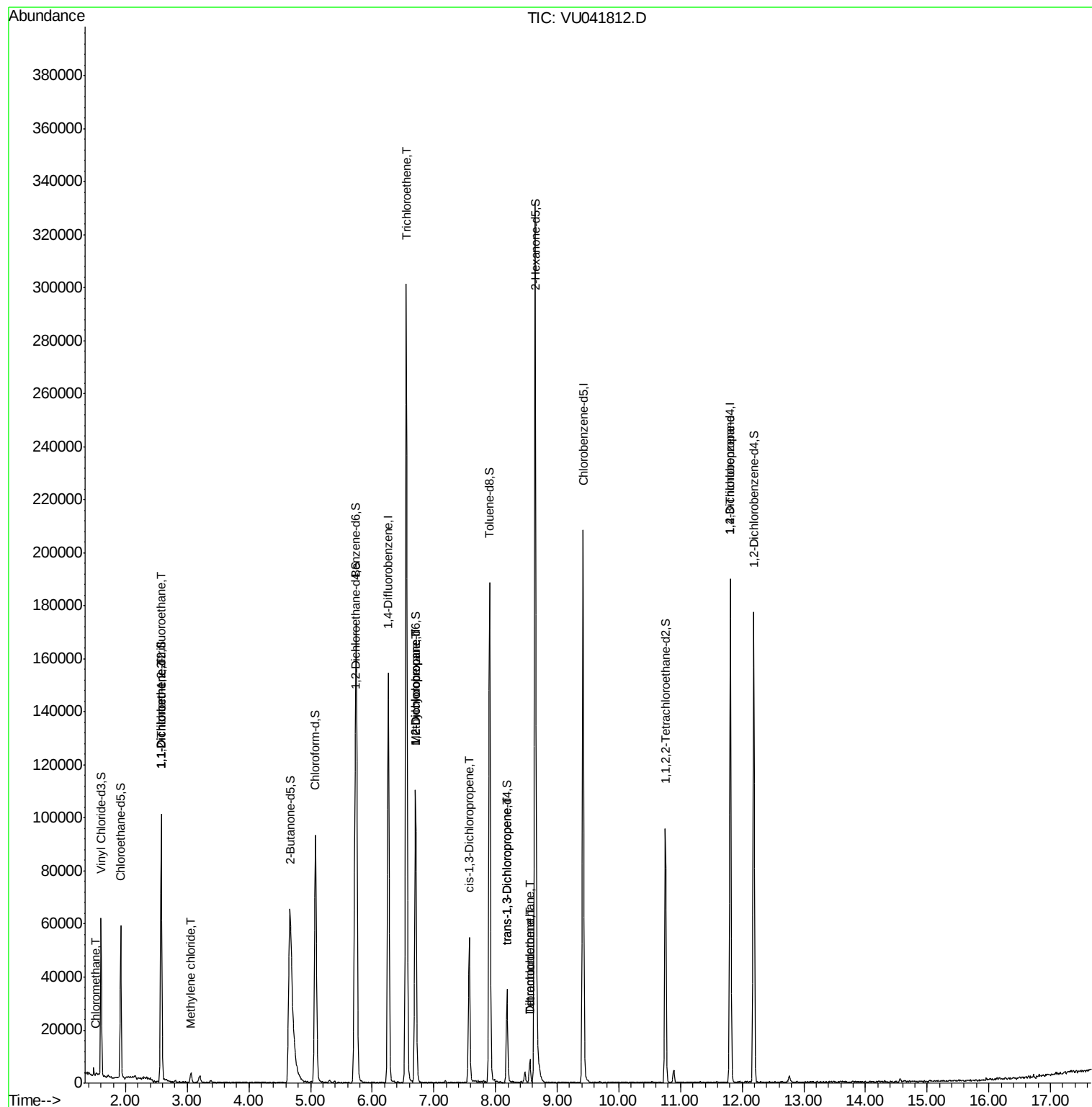
					Ovalue
3) Chloromethane	1.52	50	670	0.064 ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	507	0.058 ug/L #	22
12) 1,1-Dichloroethene	2.58	96	491	0.057 ug/L #	1
16) Methylene chloride	3.06	84	1751	0.171 ug/L	86
34) Trichloroethene	6.55	95	107250	10.826 ug/L	99
35) Methylcyclohexane	6.70	83	13363	0.834 ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5555	0.551 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1340	0.090 ug/L #	64
44) trans-1,3-Dichloropropene	8.19	75	801	0.060 ug/L #	66
47) Tetrachloroethene	8.56	164	2058	0.297 ug/L	85
49) Dibromochloromethane	8.56	129	1768	0.206 ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6036	0.797 ug/L	96

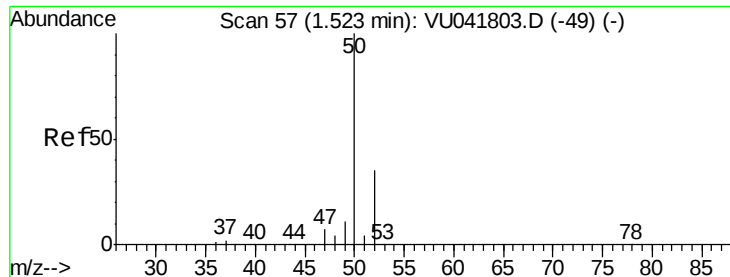
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 25 03:47:04 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.064 ug/L

RT: 1.52 min Scan# 57

Delta R.T. 0.00 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

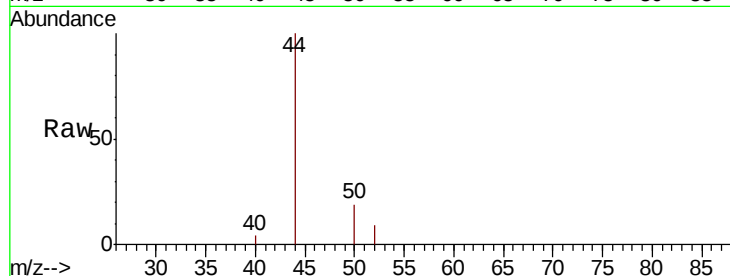
BG4T1DL

Tot Ion: 50 Resp: 670

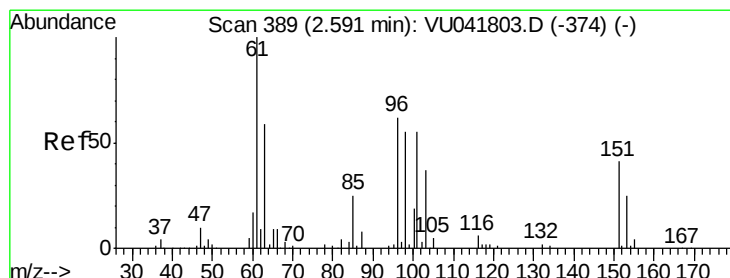
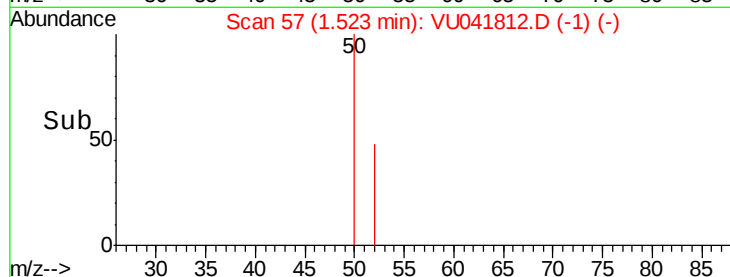
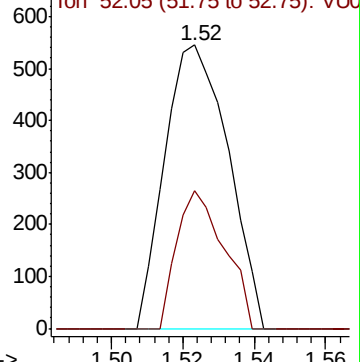
Ion Ratio Lower Upper

50 100

52 48.4 24.1 44.8#



Abundance Ion 50.05 (49.75 to 50.75): VU041803.D (-49) (-)



#10

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

Concen: 0.058 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

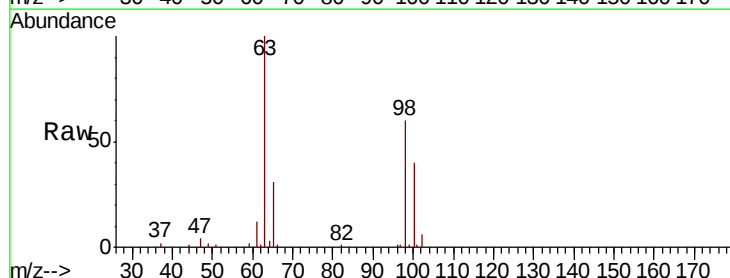
Tgt Ion:101 Resp: 507

Ion Ratio Lower Upper

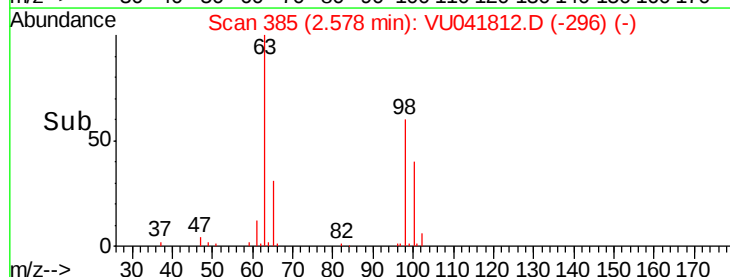
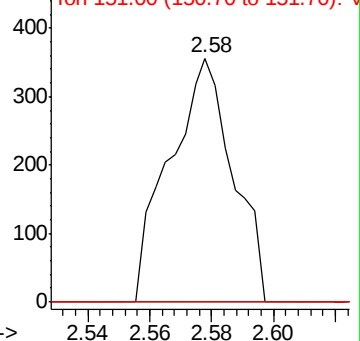
101 100

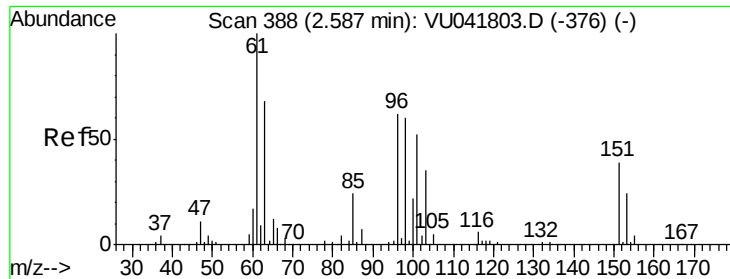
85 0.0 33.6 50.4#

151 0.0 56.2 84.4#



Abundance Ion 101.00 (100.70 to 101.70): VU041803.D (-374) (-)

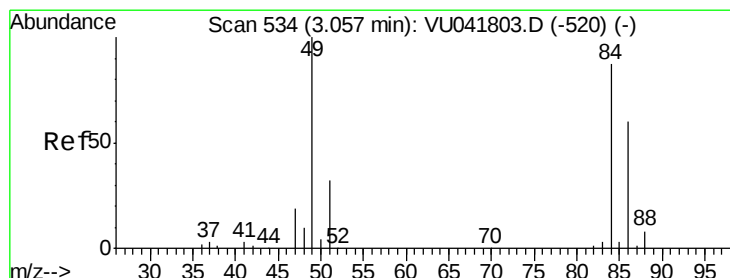
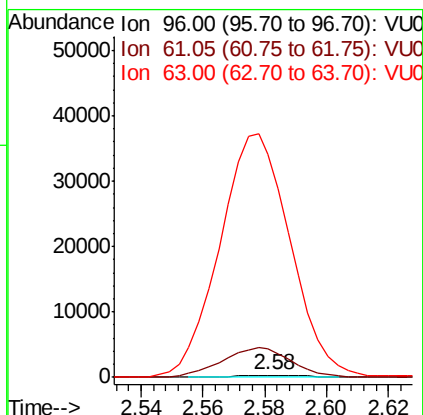
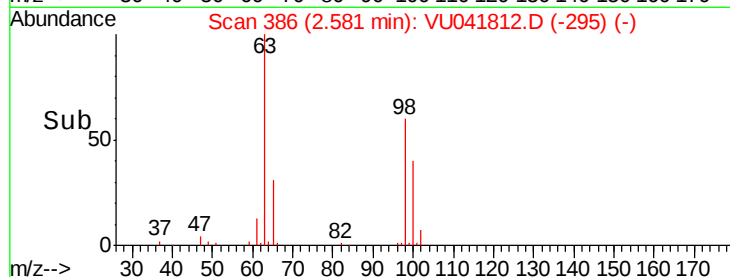
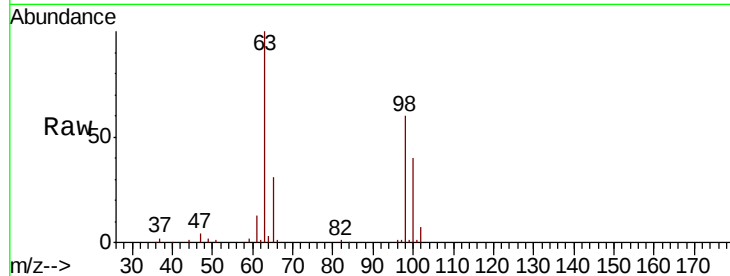




#12
 1,1-Dichloroethene
 Concen: 0.057 ug/L
 RT: 2.58 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VU041812.D
 Acq: 24 Dec 2020 17:29

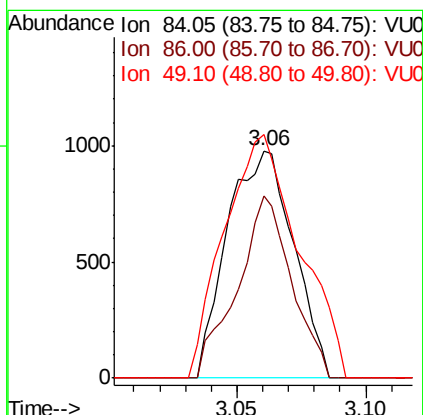
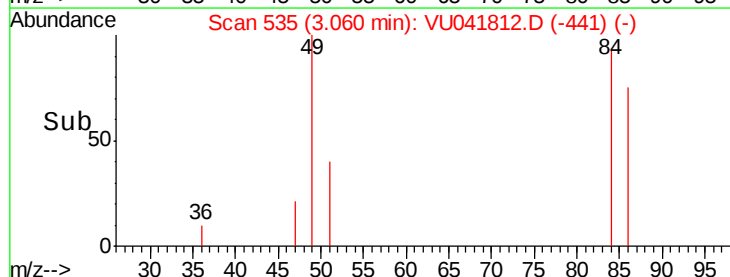
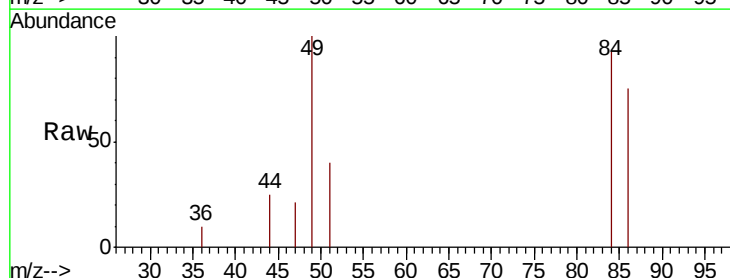
Instrument :
 MSVOA_U
 ClientSampleId :
 BG4T1DL

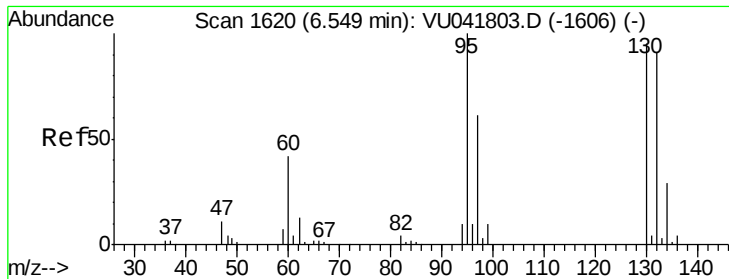
Tot Ion: 96 Resp: 491
 Ion Ratio Lower Upper
 96 100
 61 1217.5 123.8 230.0#
 63 9667.8 81.0 150.4#



#16
 Methylene chloride
 Concen: 0.171 ug/L
 RT: 3.06 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VU041812.D
 Acq: 24 Dec 2020 17:29

Tgt Ion: 84 Resp: 1751
 Ion Ratio Lower Upper
 84 100
 86 80.2 45.1 83.7
 49 107.2 83.1 154.3





#34

Trichloroethene

Concen: 10.826 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

BG4T1DL

Tot Ion: 95 Resp: 107250

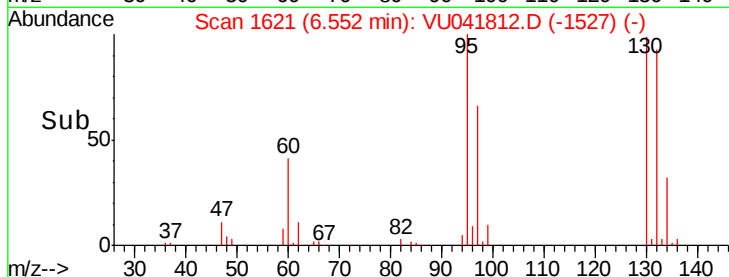
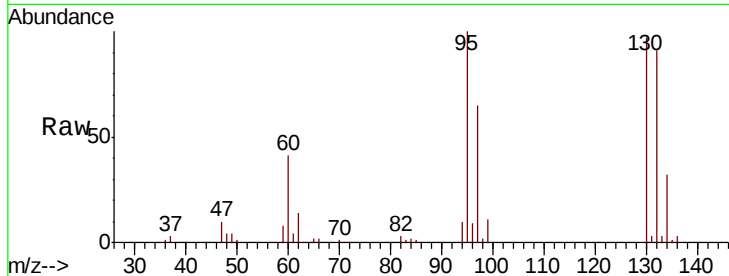
Ion Ratio Lower Upper

95 100

97 64.6 43.9 81.5

132 90.9 63.1 117.3

130 97.0 67.4 125.2

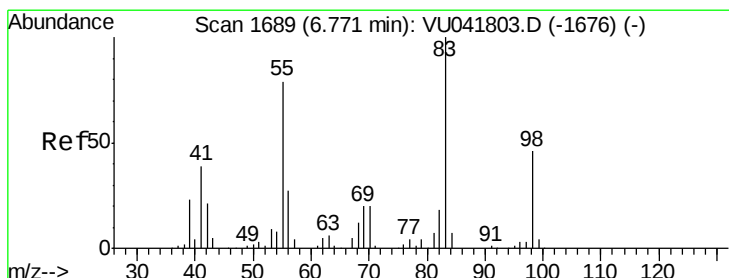
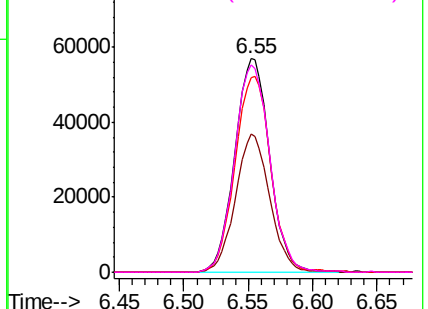


Abundance Ion 95.00 (94.70 to 95.70): VU041812.D (-1527) (-)

Ion 96.95 (96.65 to 97.65): VU041812.D (-1527) (-)

Ion 131.95 (131.65 to 132.65): VU041812.D (-1527) (-)

Ion 129.95 (129.65 to 130.65): VU041812.D (-1527) (-)



#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.07 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

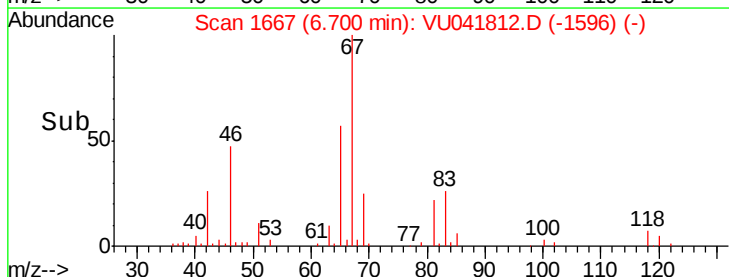
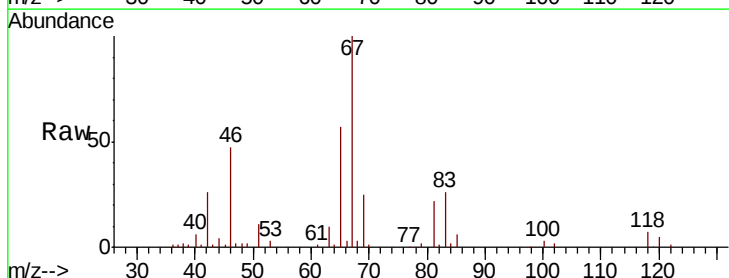
Tgt Ion: 83 Resp: 13363

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

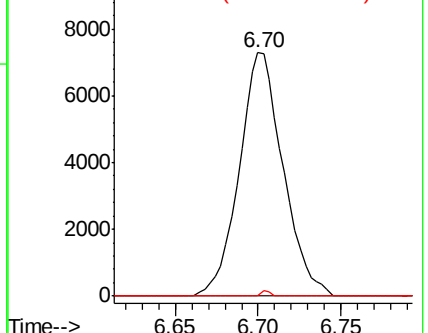
98 0.0 36.6 54.8#

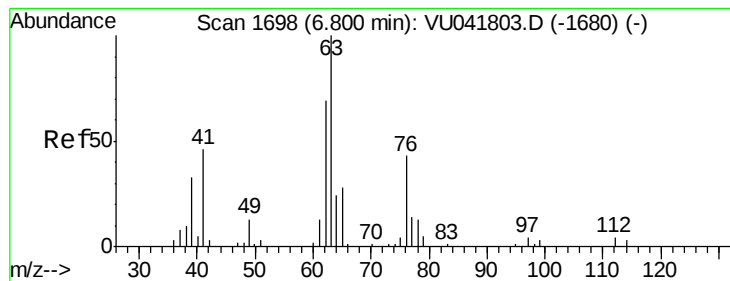


Abundance Ion 83.15 (82.85 to 83.85): VU041812.D (-1596) (-)

Ion 55.10 (54.80 to 55.80): VU041812.D (-1596) (-)

Ion 98.15 (97.85 to 98.85): VU041812.D (-1596) (-)





#37

1,2-Dichloropropane

Concen: 0.551 ug/L

RT: 6.70 min Scan# 1667

Delta R.T. -0.10 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

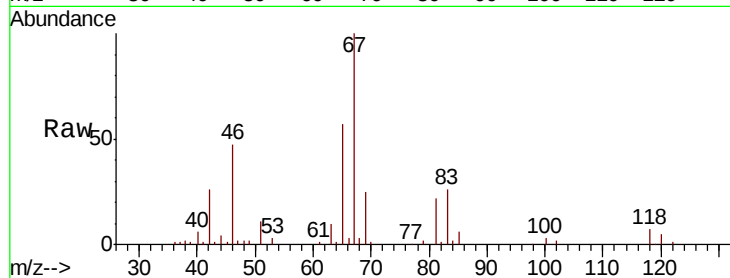
BG4T1DL

Tot Ion: 63 Resp: 5555

Ion Ratio Lower Upper

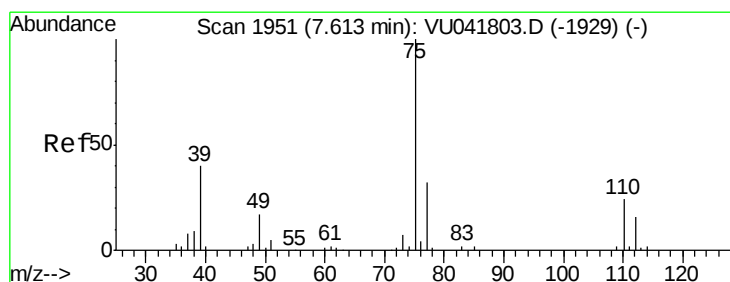
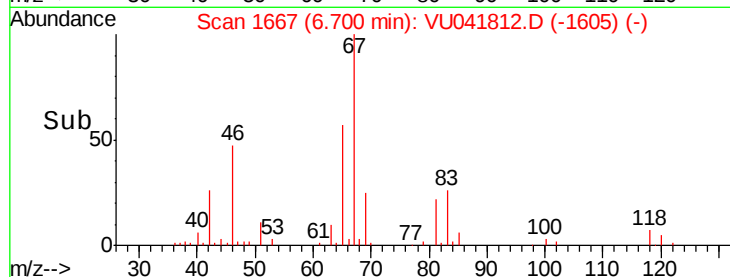
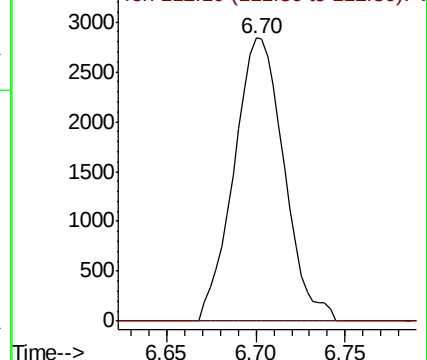
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU041812.D (-1667) (-)

Ion 112.10 (111.80 to 112.80): VU041812.D (-1667) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041812.D

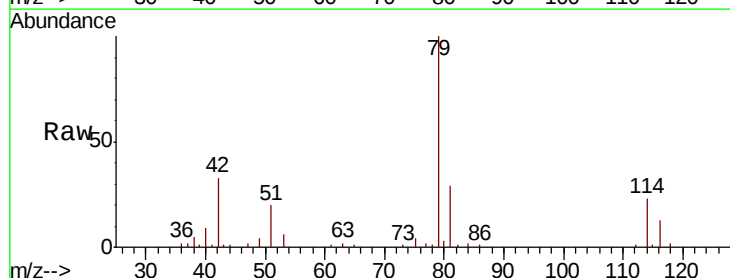
Acq: 24 Dec 2020 17:29

Tgt Ion: 75 Resp: 1340

Ion Ratio Lower Upper

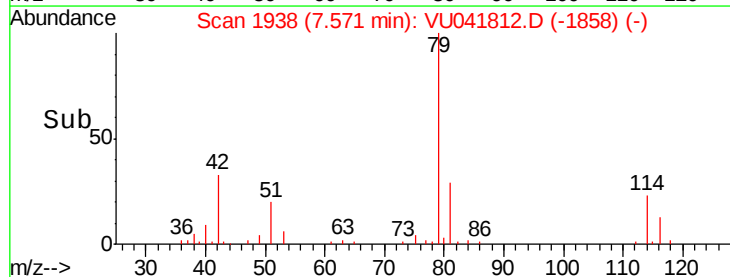
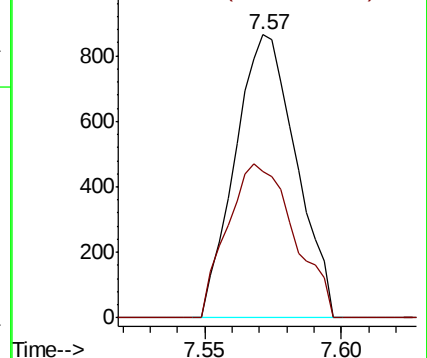
75 100

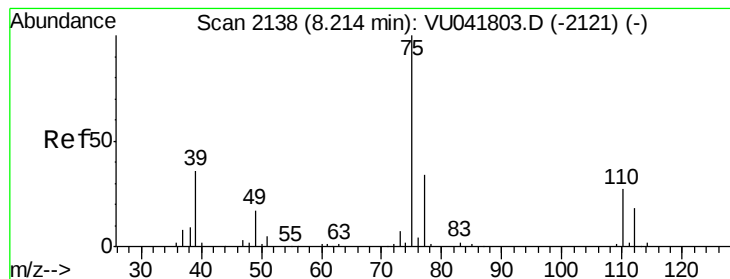
77 51.7 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VU041812.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU041812.D (-1938) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.060 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

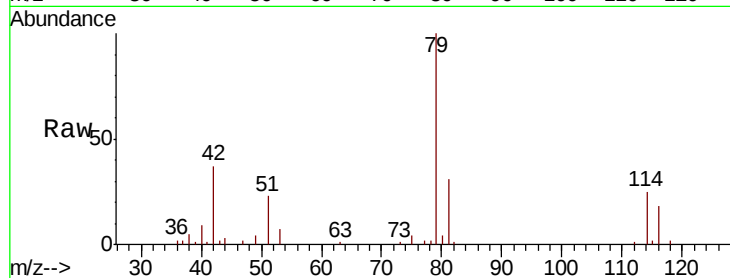
BG4T1DL

Tot Ion: 75 Resp: 801

Ion Ratio Lower Upper

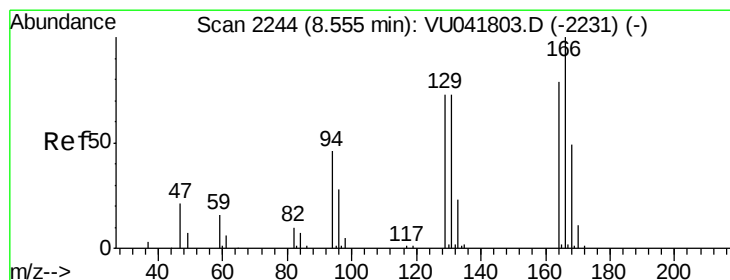
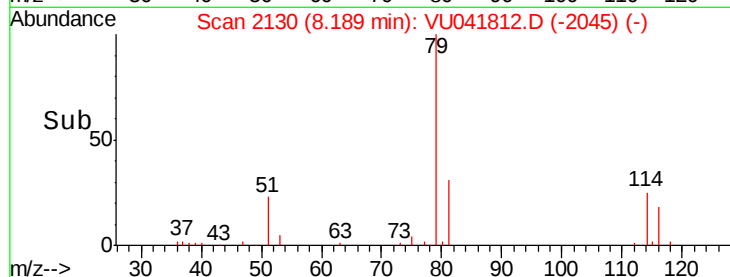
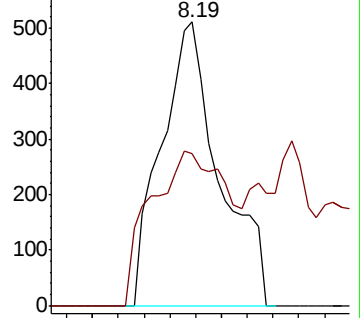
75 100

77 53.4 23.8 44.2#



Abundance Ion 75.05 (74.75 to 75.75): VU041812.D (-2130) (-)

Ion 77.05 (76.75 to 77.75): VU041812.D (-2130) (-)



#47

Tetrachloroethene

Concen: 0.297 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Tgt Ion:164 Resp: 2058

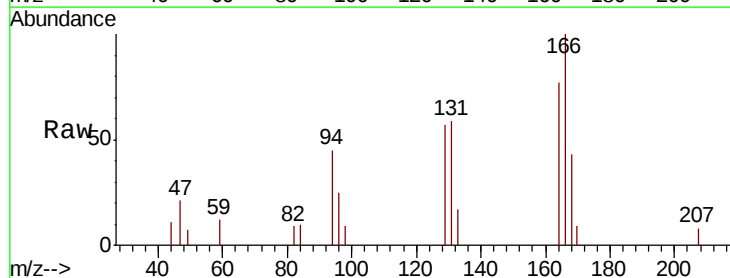
Ion Ratio Lower Upper

164 100

129 74.3 72.2 134.0

131 77.6 66.9 124.3

166 130.5 89.6 166.4

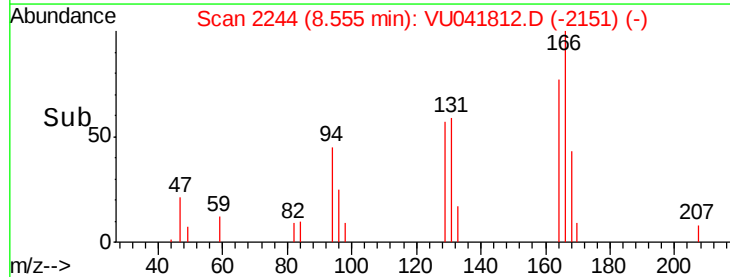
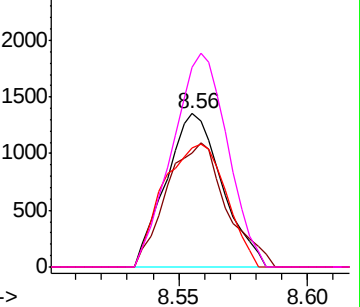


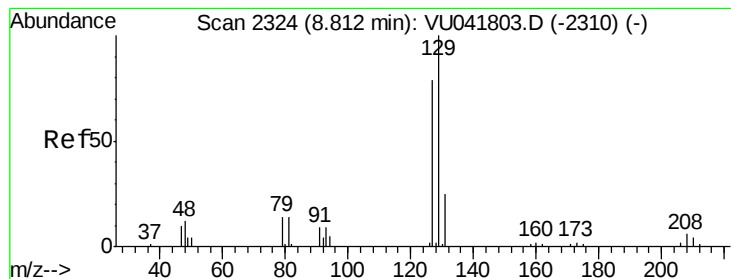
Abundance Ion 163.90 (163.60 to 164.60): VU041812.D (-2244) (-)

Ion 128.95 (128.65 to 129.65): VU041812.D (-2244) (-)

Ion 130.95 (130.65 to 131.65): VU041812.D (-2244) (-)

Ion 165.90 (165.60 to 166.60): VU041812.D (-2244) (-)





#49

Dibromochloromethane

Concen: 0.206 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. -0.25 min

Lab File: VU041812.D

Acq: 24 Dec 2020 17:29

Instrument :

MSVOA_U

ClientSampleId :

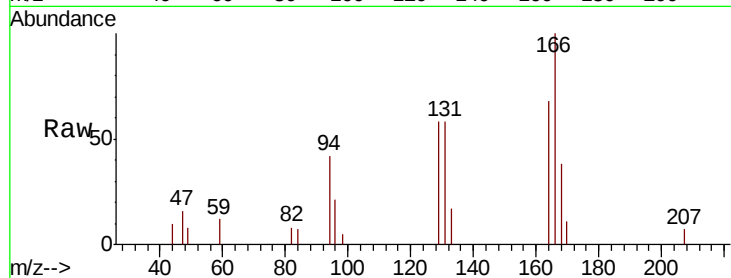
BG4T1DL

Tot Ion:129 Resp: 1768

Ion Ratio Lower Upper

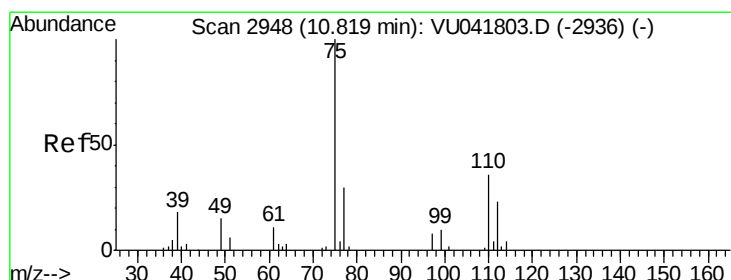
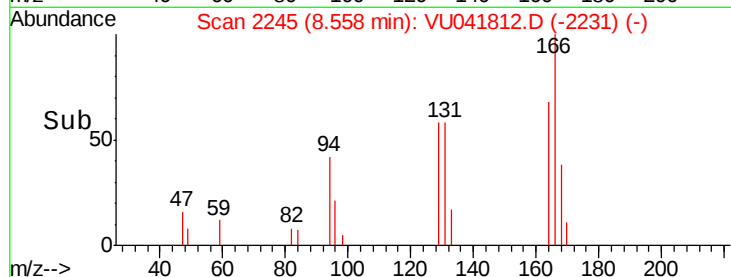
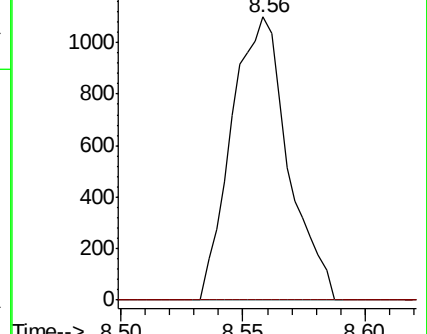
129 100

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: 0.797 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041812.D

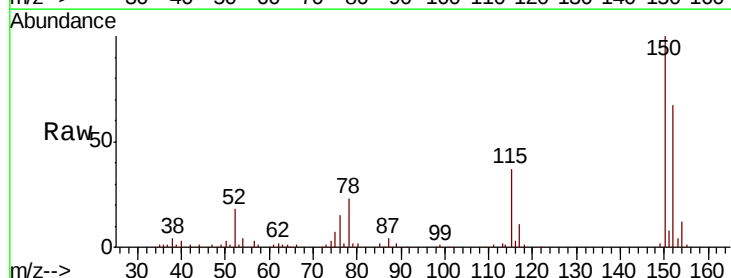
Acq: 24 Dec 2020 17:29

Tgt Ion: 75 Resp: 6036

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

