

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101520\
 Data File : VU040722.D
 Acq On : 15 Oct 2020 15:55
 Operator : SY/MD
 Sample : L4421-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSG2

Quant Time: Oct 16 04:32:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 16 04:23:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	112352	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116848	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	40137	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.92	69	36238	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.58	63	62141	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	4.65	46	158779	53.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.60%
24) Chloroform-d	5.08	84	82257	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.72	65	51404	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.74	84	151339	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	53125	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.91	98	119633	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
43) trans-1,3-Dichloropropene-	8.19	79	19761	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.64	63	107455	47.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46720	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	49490	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

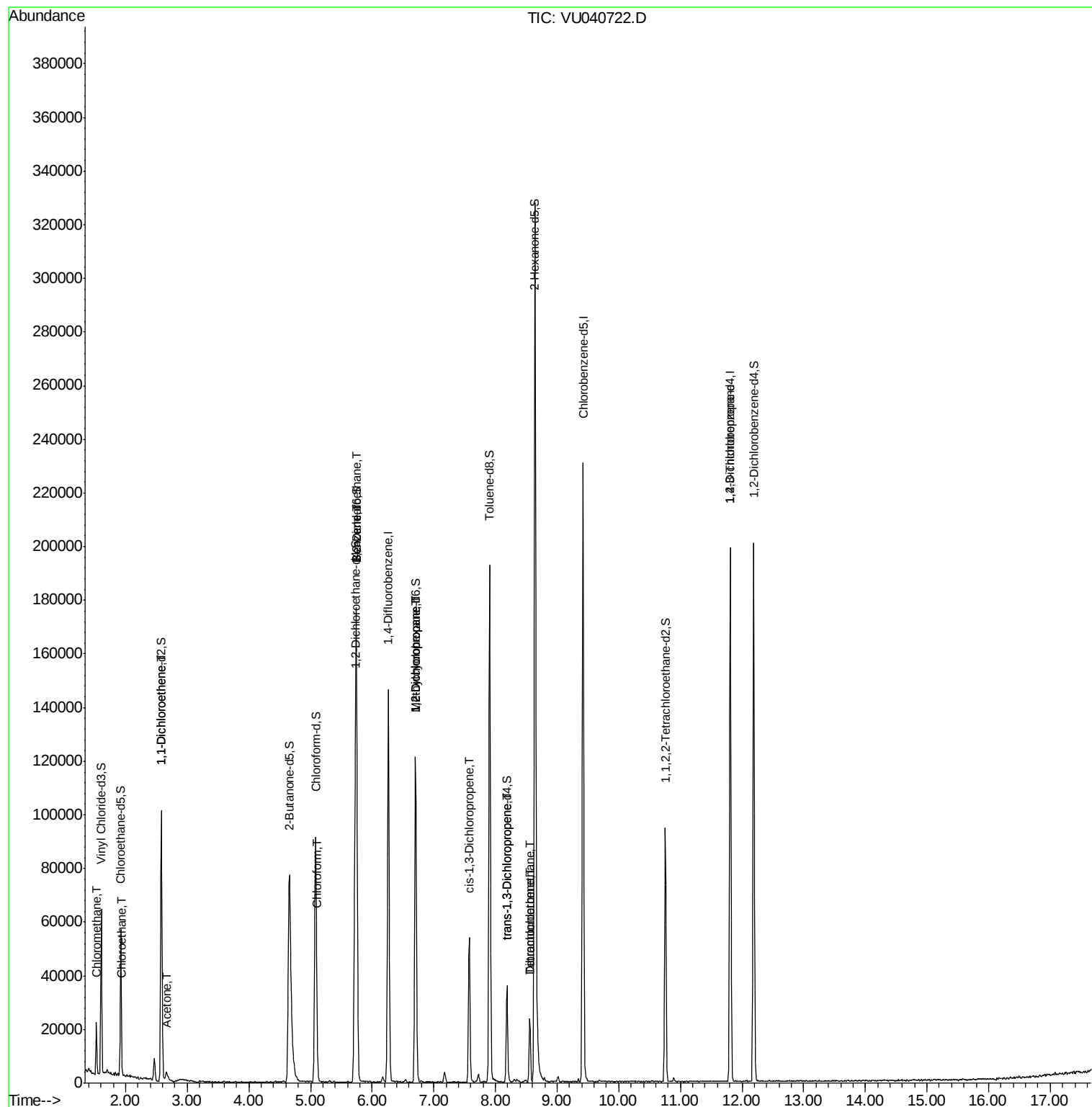
				Ovalue
3) Chloromethane	1.53	50	12937	1.359 ug/L 94
8) Chloroethane	1.94	64	317	0.050 ug/L 84
12) 1,1-Dichloroethene	2.58	96	471	0.059 ug/L # 1
13) Acetone	2.66	43	6198	2.684 ug/L 90
25) Chloroform	5.11	83	1827	0.103 ug/L 95
27) 1,2-Dichloroethane	5.74	62	947	0.076 ug/L # 77
33) Benzene	5.74	78	1408	0.038 ug/L 100
35) Methylcyclohexane	6.70	83	12683	0.919 ug/L # 14
37) 1,2-Dichloropropane	6.70	63	5911	0.565 ug/L # 87
39) cis-1,3-Dichloropropene	7.57	75	1330	0.093 ug/L # 29
44) trans-1,3-Dichloropropene	8.19	75	820	0.062 ug/L # 79
47) Tetrachloroethene	8.56	164	5155	0.743 ug/L 96
49) Dibromochloromethane	8.56	129	4799	0.532 ug/L # 9
59) 1,2,3-Trichloropropane	11.81	75	6117	0.796 ug/L # 80

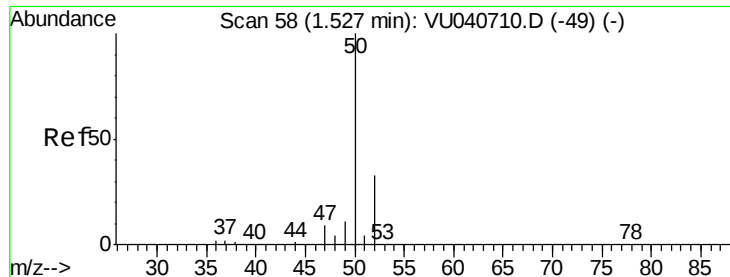
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 16 04:23:22 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.359 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

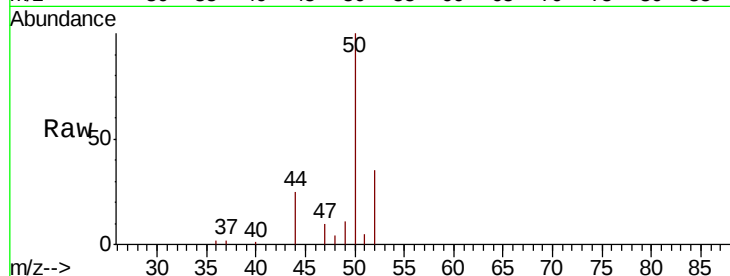
BFSG2

Tot Ion: 50 Resp: 12937

Ion Ratio Lower Upper

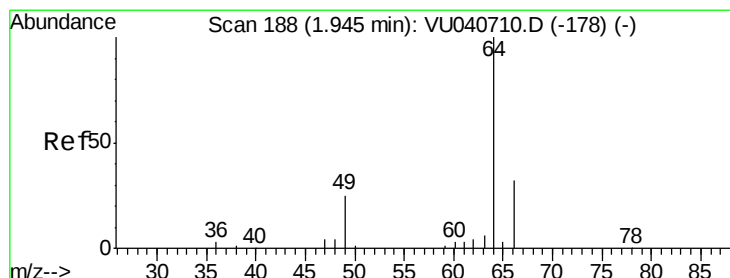
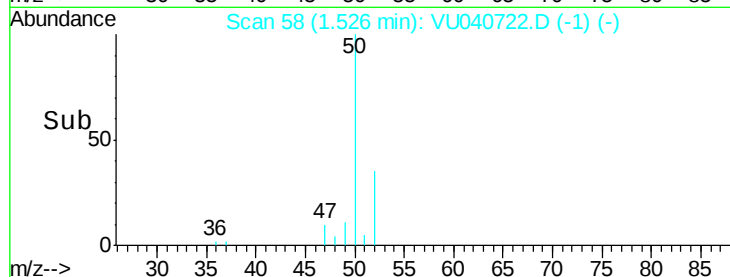
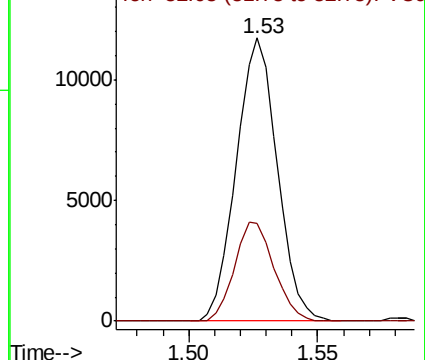
50 100

52 34.6 21.9 40.7



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#8

Chloroethane

Concen: 0.050 ug/L

RT: 1.94 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU040722.D

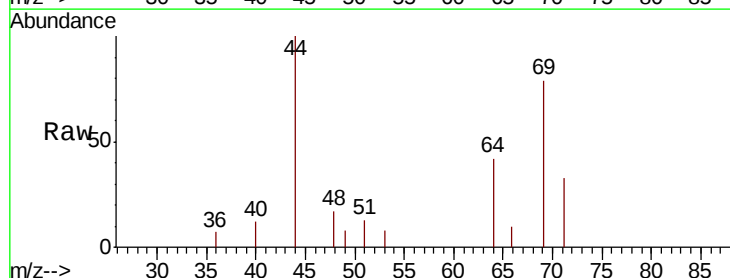
Acq: 15 Oct 2020 15:55

Tgt Ion: 64 Resp: 317

Ion Ratio Lower Upper

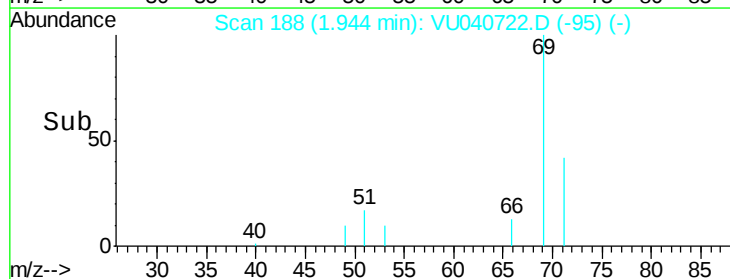
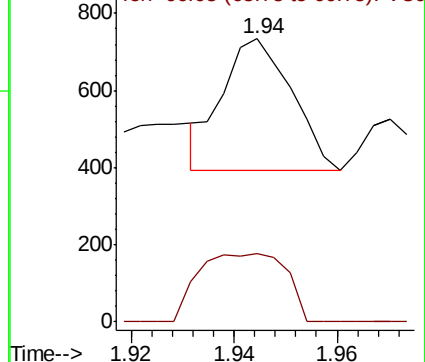
64 100

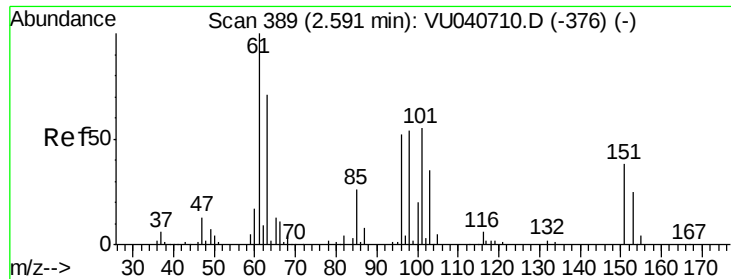
66 24.3 23.3 43.3



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0





#12

1,1-Dichloroethene

Concen: 0.059 ug/L

RT: 2.58 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampled :

BFSG2

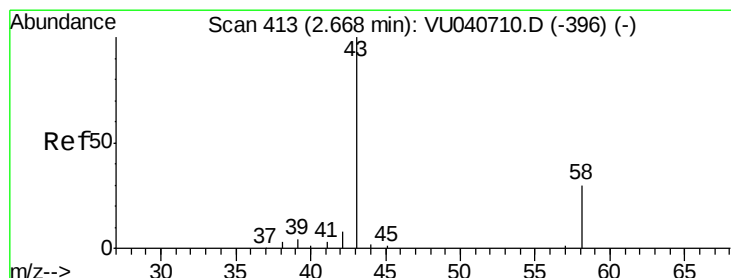
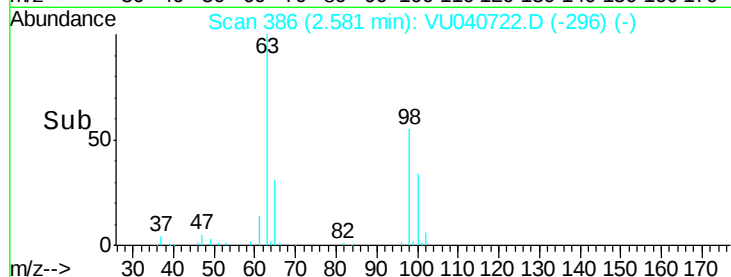
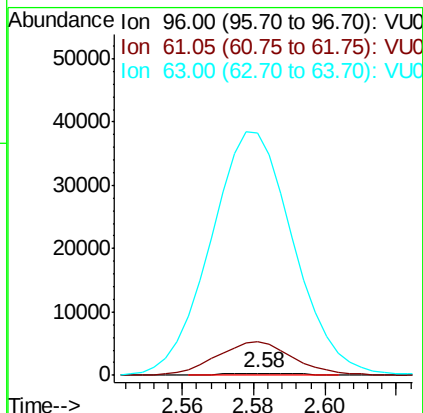
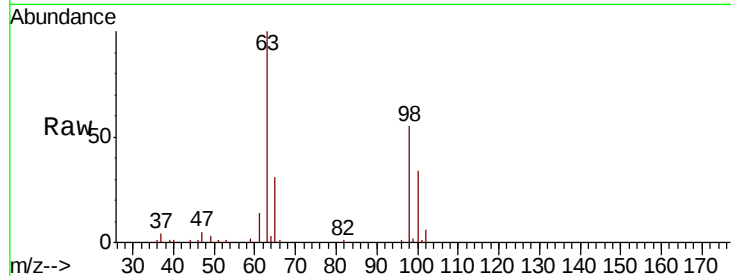
Tot Ion: 96 Resp: 471

Ion Ratio Lower Upper

96 100

61 1473.9 128.8 239.2#

63 10742.9 84.6 157.2#



#13

Acetone

Concen: 2.684 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.01 min

Lab File: VU040722.D

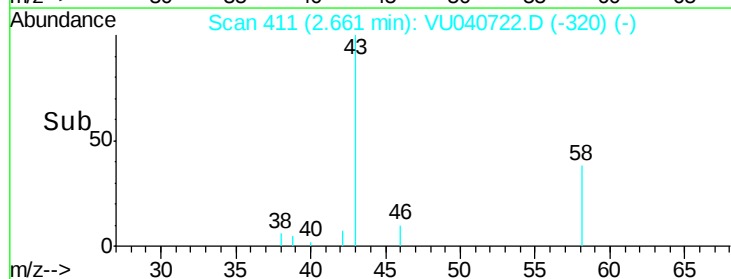
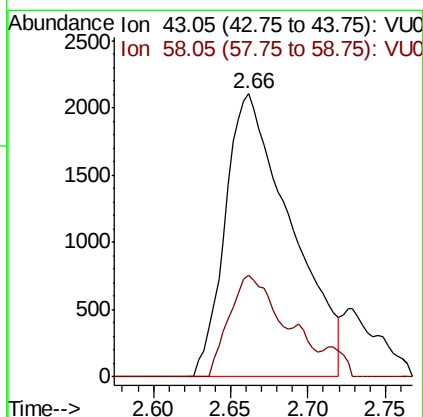
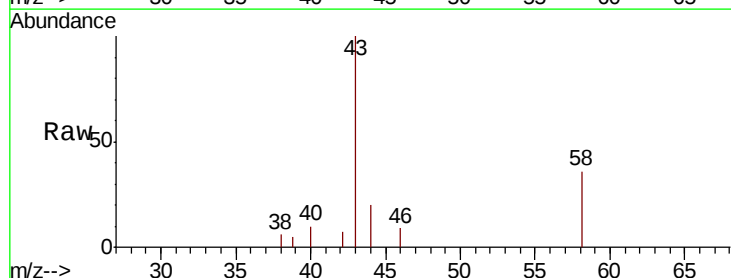
Acq: 15 Oct 2020 15:55

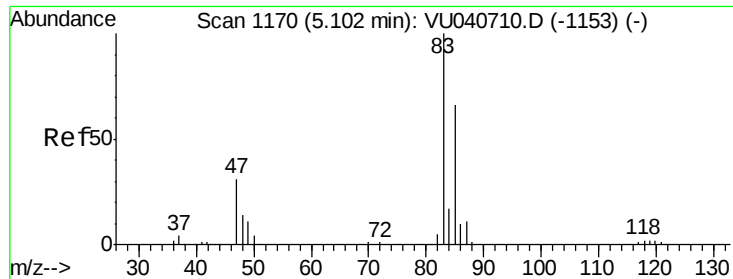
Tgt Ion: 43 Resp: 6198

Ion Ratio Lower Upper

43 100

58 25.1 0.0 60.6

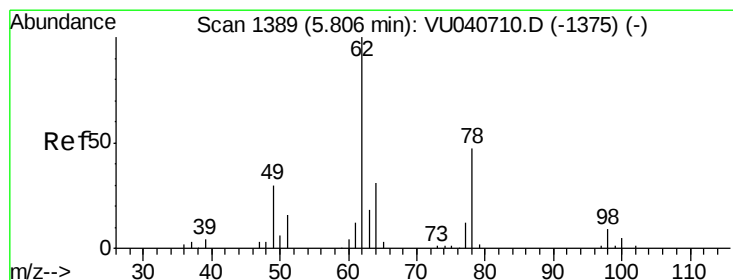
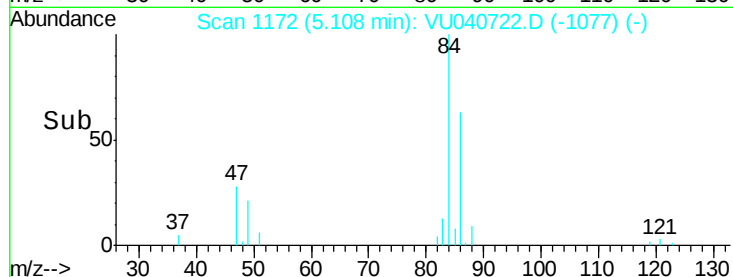
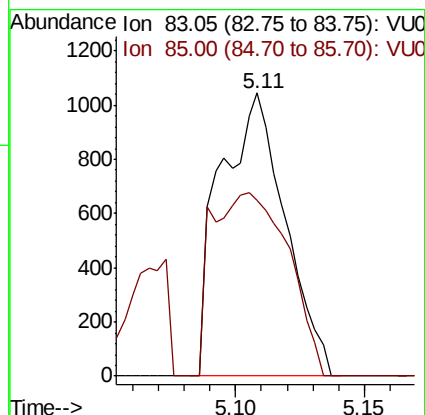
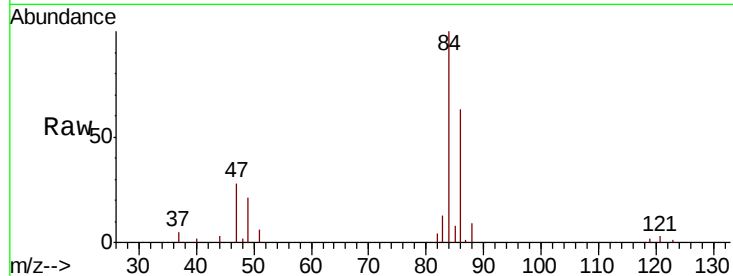




#25
Chloroform
Concen: 0.103 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.01 min
Lab File: VU040722.D
Acq: 15 Oct 2020 15:55

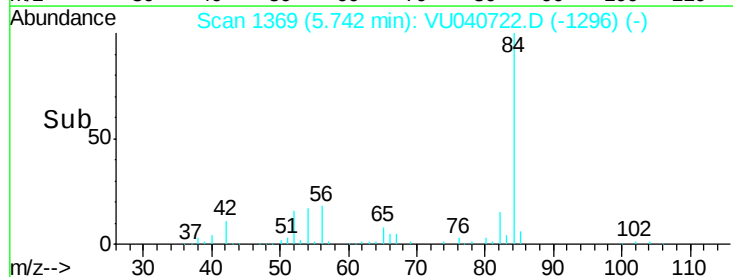
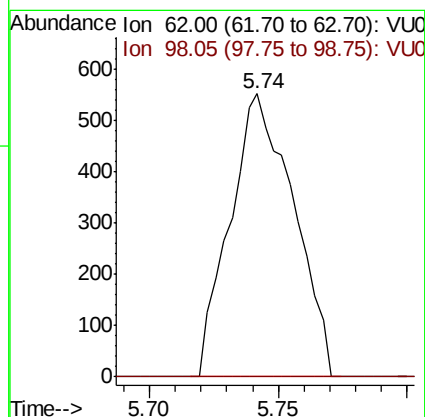
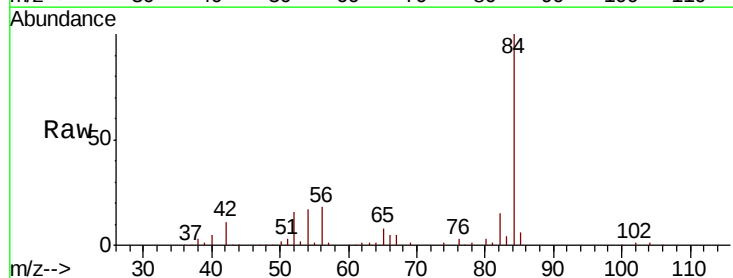
Instrument :
MSVOA_U
ClientSampled :
BFSG2

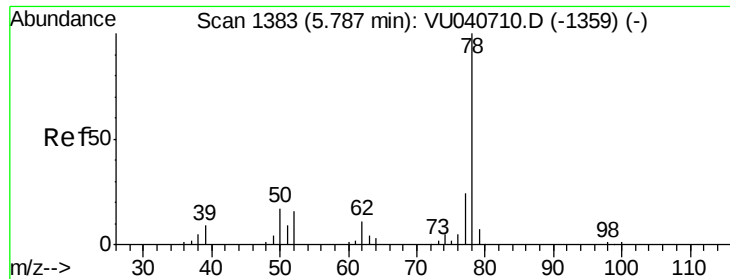
Tot Ion: 83 Resp: 1827
Ion Ratio Lower Upper
83 100
85 62.3 46.5 86.5



#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.74 min Scan# 1369
Delta R.T. -0.06 min
Lab File: VU040722.D
Acq: 15 Oct 2020 15:55

Tgt Ion: 62 Resp: 947
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#





#33

Benzene

Concen: 0.038 ug/L

RT: 5.74 min Scan# 1369

Delta R.T. -0.05 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

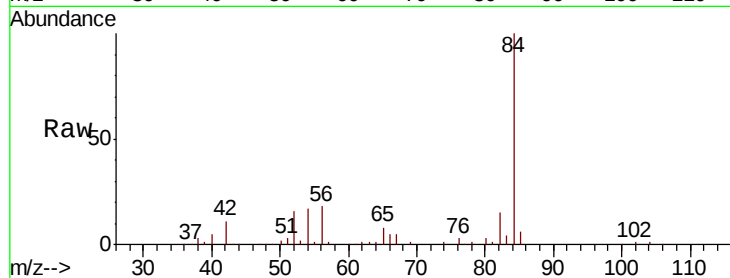
Instrument :

MSVOA_U

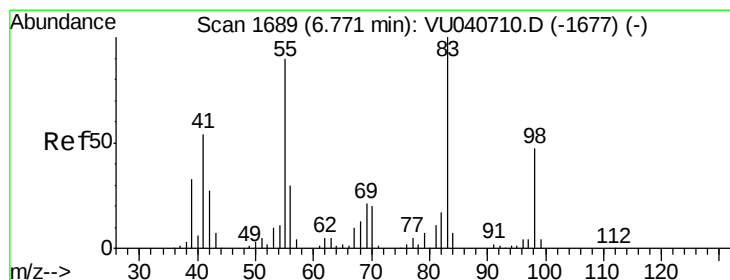
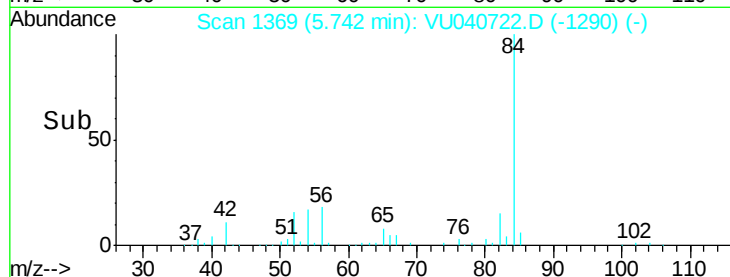
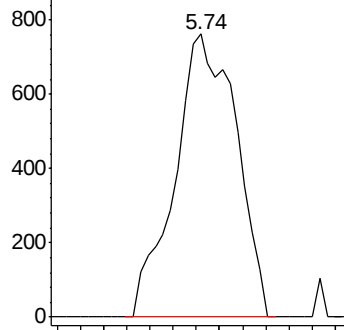
ClientSampleId :

BFSG2

Tgt Ion: 78 Resp: 1408



Abundance Ion 78.10 (77.80 to 78.80): VU0



#35

Methylcyclohexane

Concen: 0.919 ug/L

RT: 6.70 min Scan# 1668

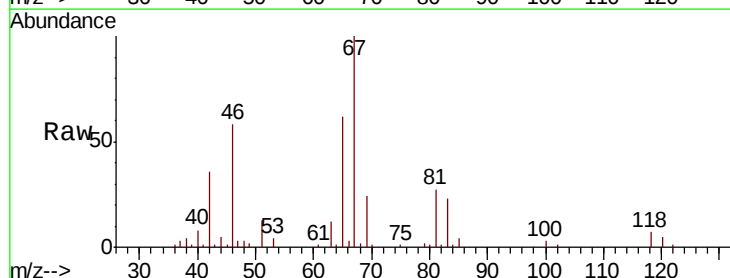
Delta R.T. -0.07 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Tgt Ion: 83 Resp: 12683

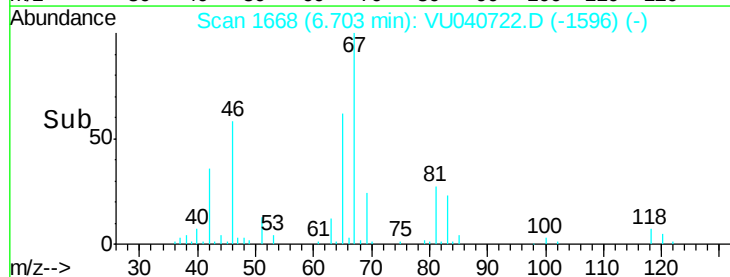
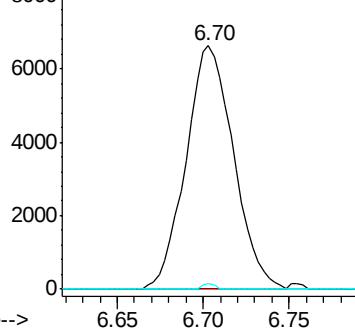
Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.6	38.4	57.6#

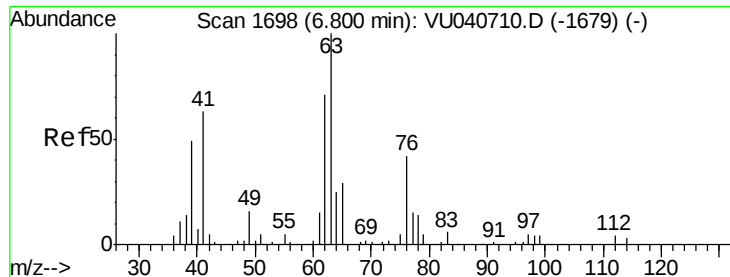


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

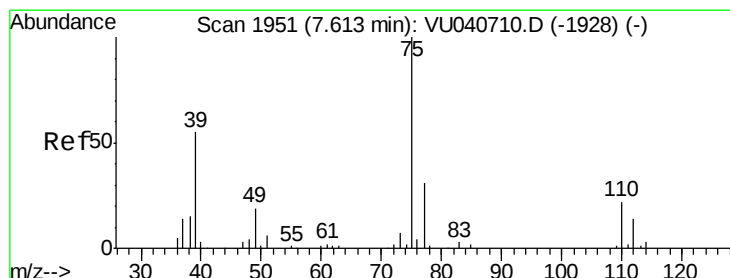
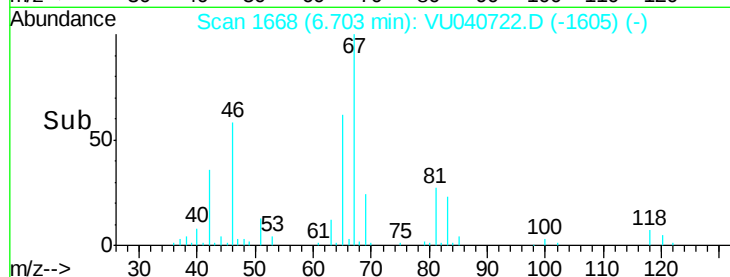
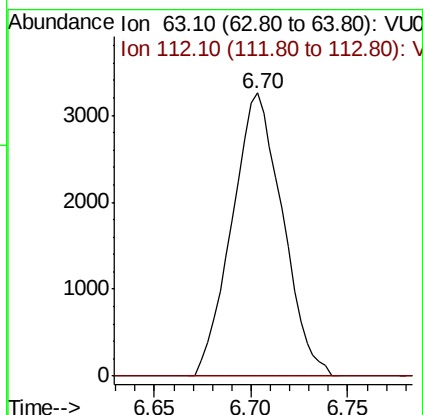
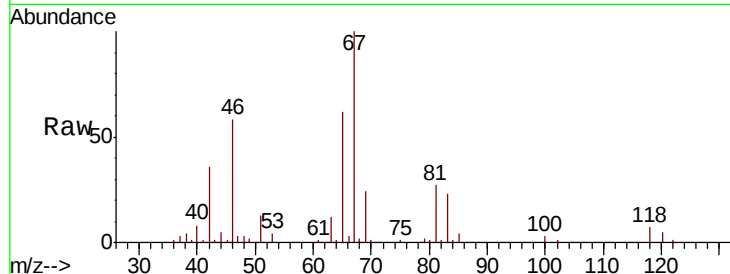




#37
 1,2-Dichloropropane
 Concen: 0.565 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040722.D
 Acq: 15 Oct 2020 15:55

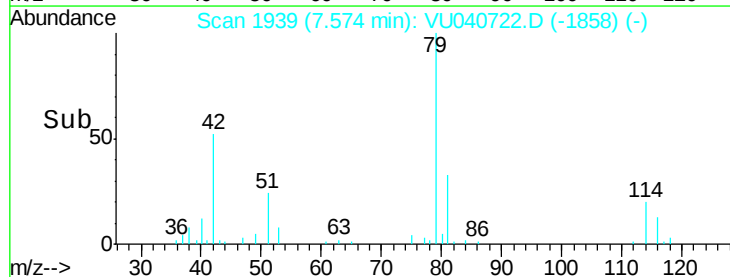
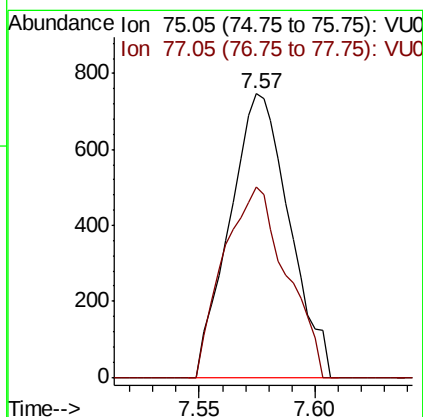
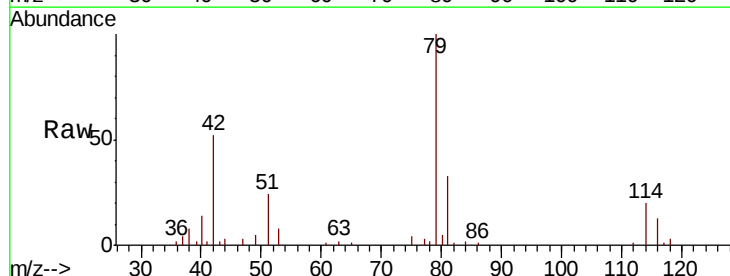
Instrument :
 MSVOA_U
 ClientSampleId :
 BFGS2

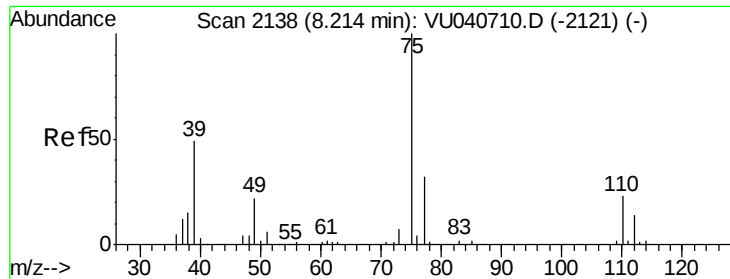
Tot Ion: 63 Resp: 5911
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040722.D
 Acq: 15 Oct 2020 15:55

Tgt Ion: 75 Resp: 1330
 Ion Ratio Lower Upper
 75 100
 77 67.2 20.5 38.1#





#44

trans-1,3-Dichloropropene

Concen: 0.062 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

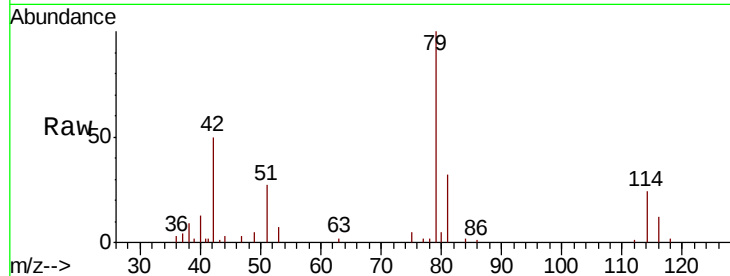
BFSG2

Tot Ion: 75 Resp: 820

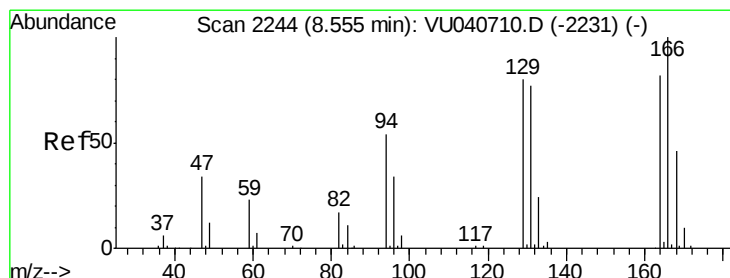
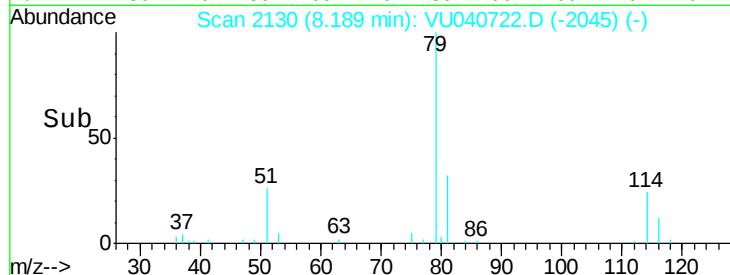
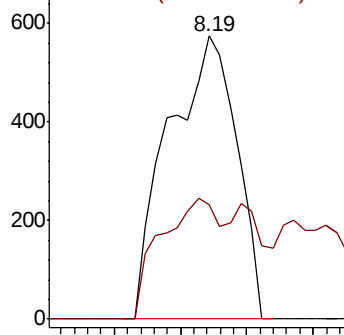
Ion Ratio Lower Upper

75 100

77 40.2 20.4 38.0#



Abundance Ion 75.05 (74.75 to 75.75): VU040722.D (-2045) (-)



#47

Tetrachloroethene

Concen: 0.743 ug/L

RT: 8.56 min Scan# 2245

Delta R.T. 0.00 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Tgt Ion:164 Resp: 5155

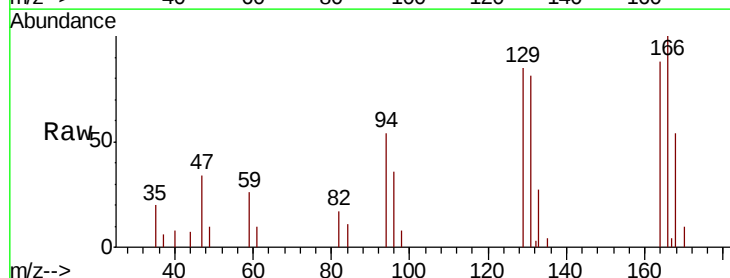
Ion Ratio Lower Upper

164 100

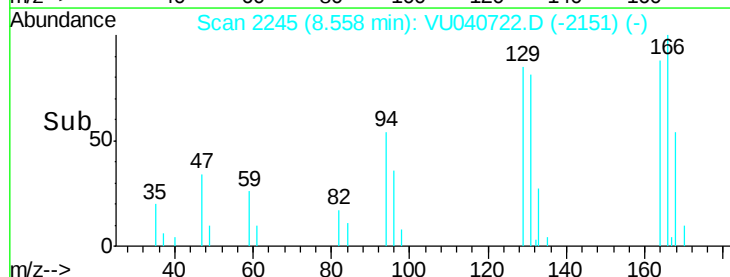
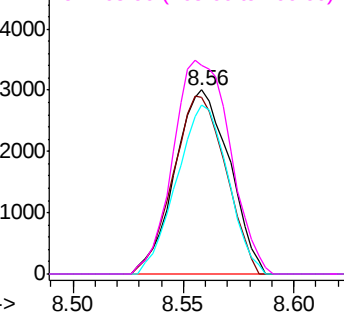
129 96.2 68.8 127.8

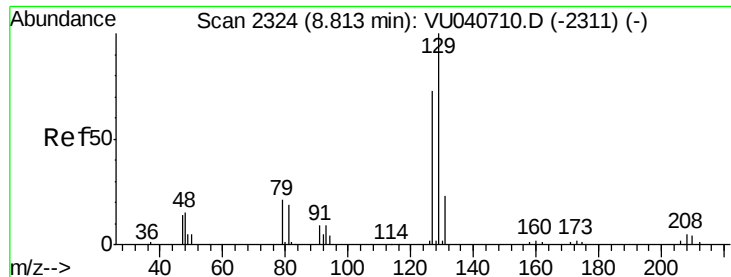
131 91.9 66.7 123.9

166 113.5 83.9 155.7



Abundance Ion 163.90 (163.60 to 164.60): VU040722.D (-2151) (-)





#49

Dibromochloromethane

Concen: 0.532 ug/L

RT: 8.56 min Scan# 2244

Delta R.T. -0.26 min

Lab File: VU040722.D

Acq: 15 Oct 2020 15:55

Instrument :

MSVOA_U

ClientSampleId :

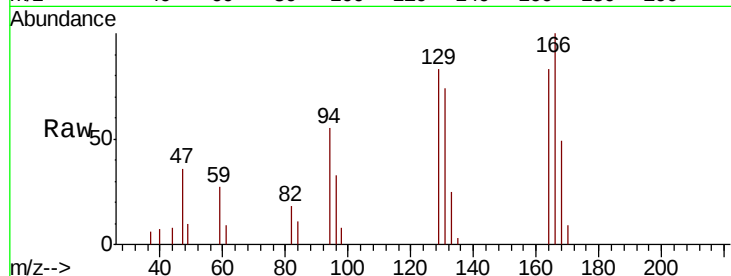
BFSG2

Tot Ion:129 Resp: 4799

Ion Ratio Lower Upper

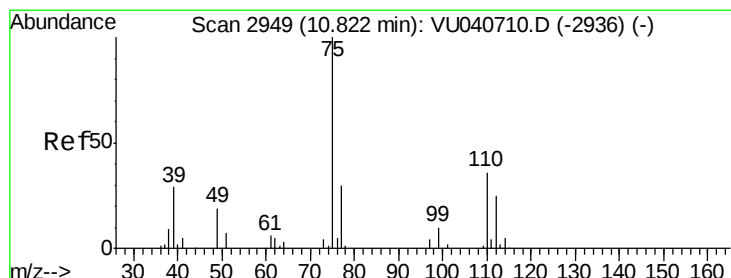
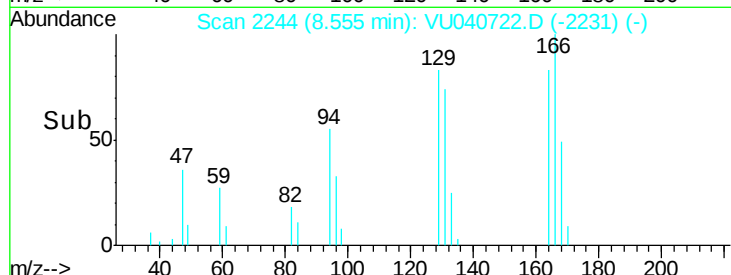
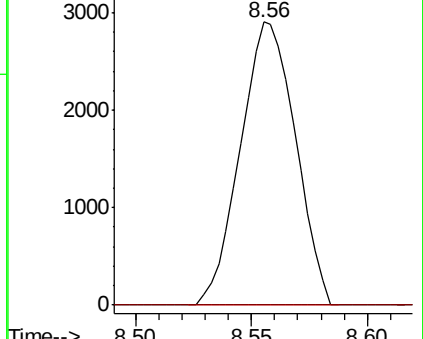
129 100

127 0.0 55.8 103.6#



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: 0.796 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040722.D

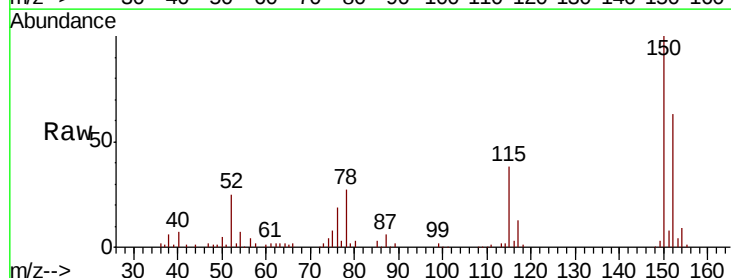
Acq: 15 Oct 2020 15:55

Tgt Ion: 75 Resp: 6117

Ion Ratio Lower Upper

75 100

77 44.4 26.4 39.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

