

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018653.D
 Acq On : 29 Sep 2020 13:25
 Operator : JC/SP
 Sample : L4135-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG489

Quant Time: Sep 30 05:47:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 04:47:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	267749	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	256144	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	123655	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58826	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.70	69	51113	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.34	63	106114	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.54	46	185201	51.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.68%
24) Chloroform-d	5.14	84	151857	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	6.03	65	85612	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	6.05	84	276128	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	7.37	67	88542	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	8.70	98	259079	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
45) trans-1,3-Dichloropropene-	8.99	79	35196	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
48) 2-Hexanone-d5	9.43	63	143604	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	63229	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	97866	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

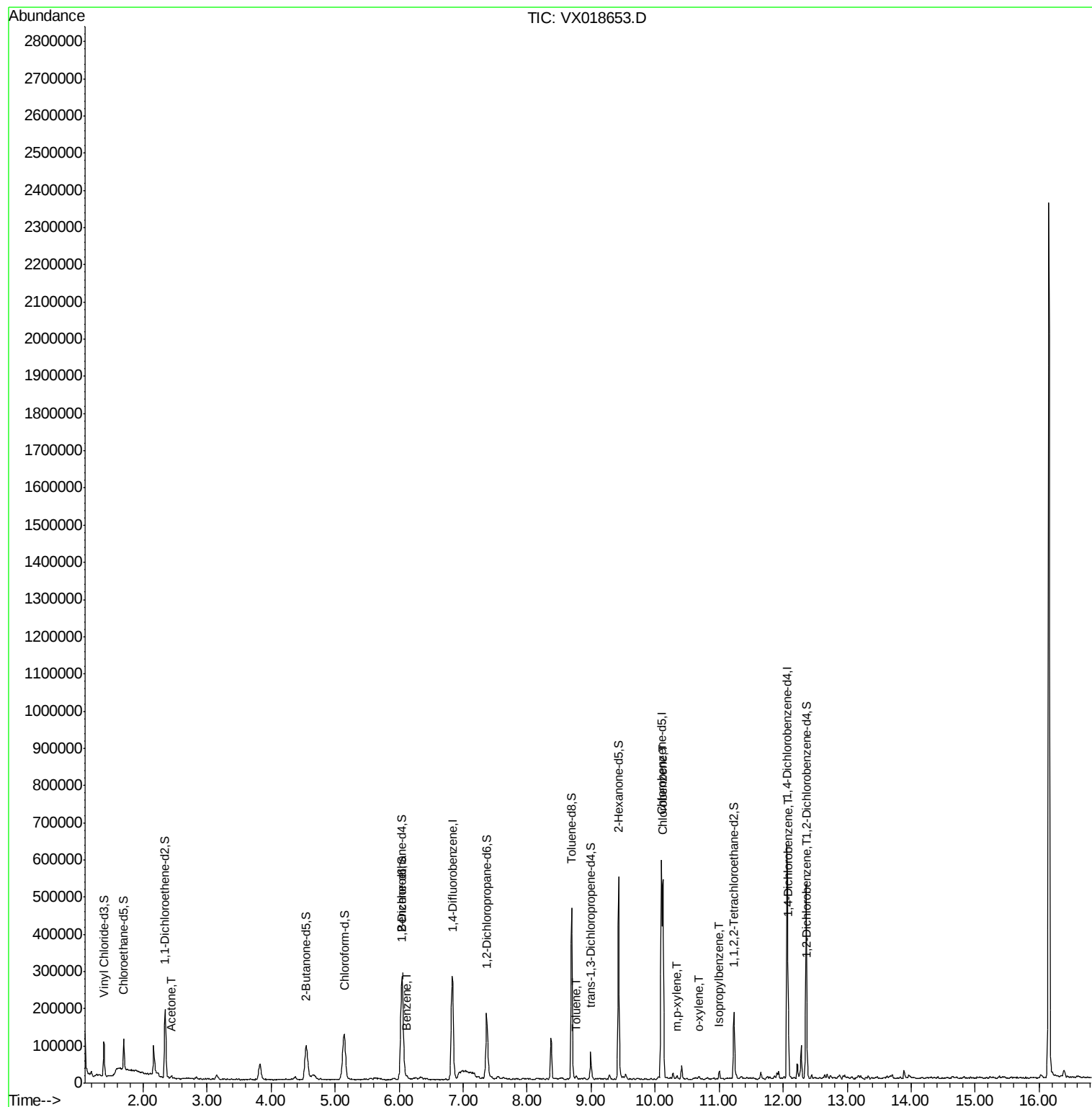
					Ovalue
13) Acetone	2.45	43	8956	4.529 ug/L	97
33) Benzene	6.12	78	9998	0.202 ug/L	100
42) Toluene	8.77	91	4853	0.091 ug/L	84
53) Chlorobenzene	10.12	112	227354	6.452 ug/L	98
55) m,p-xylene	10.35	106	1711	0.077 ug/L	87
56) o-xylene	10.68	106	1616	0.077 ug/L	59
58) Isopropylbenzene	11.00	105	10907	0.194 ug/L #	93
64) 1,4-Dichlorobenzene	12.08	146	38266	1.409 ug/L	94
66) 1,2-Dichlorobenzene	12.38	146	7900	0.315 ug/L #	82

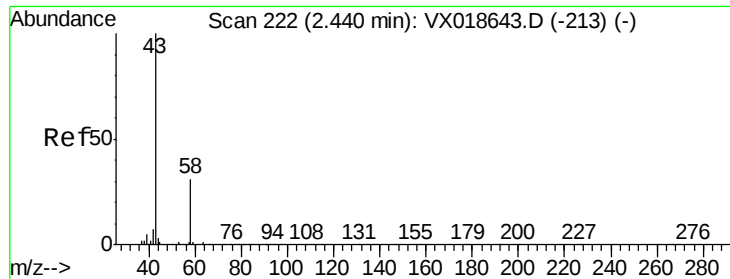
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.529 ug/L

RT: 2.45 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

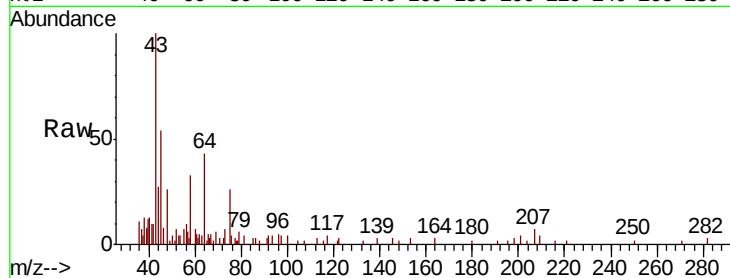
BG489

Tot Ion: 43 Resp: 8956

Ion Ratio Lower Upper

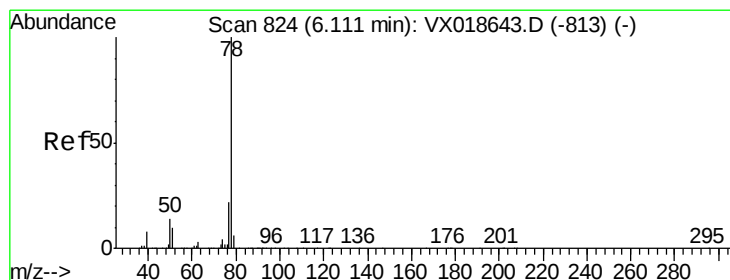
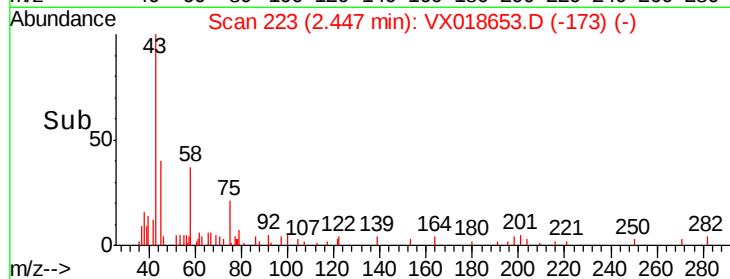
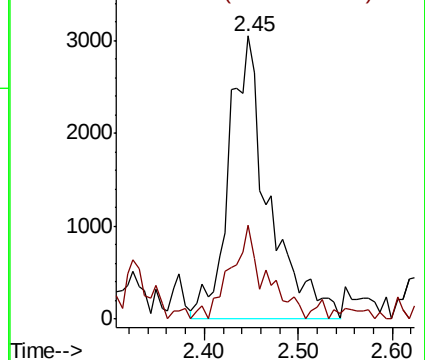
43 100

58 29.2 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#33

Benzene

Concen: 0.202 ug/L

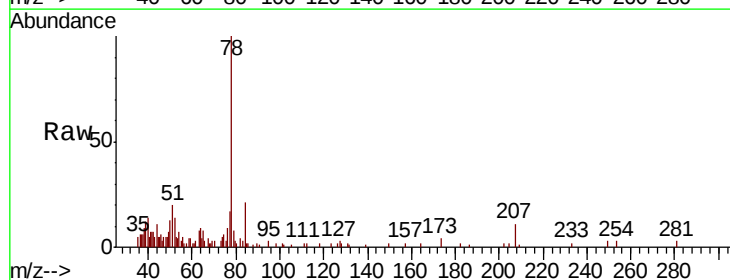
RT: 6.12 min Scan# 826

Delta R.T. 0.01 min

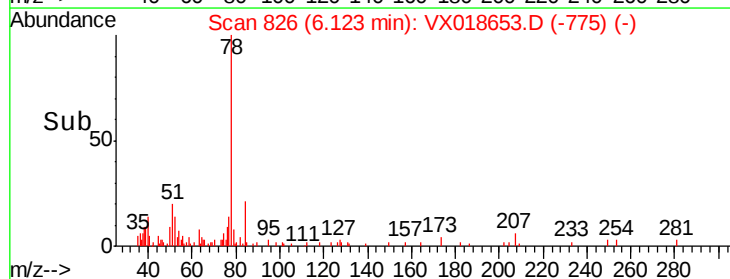
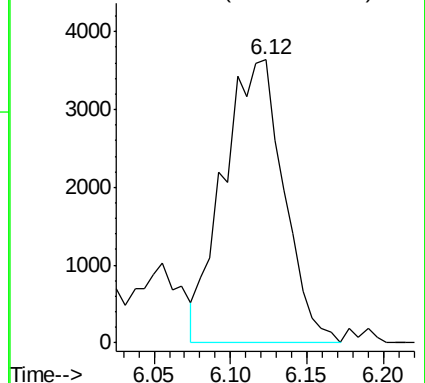
Lab File: VX018653.D

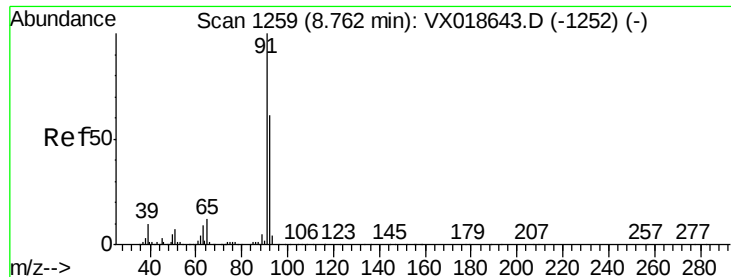
Acq: 29 Sep 2020 13:25

Tgt Ion: 78 Resp: 9998



Abundance Ion 78.10 (77.80 to 78.80): VX0





#42

Toluene

Concen: 0.091 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

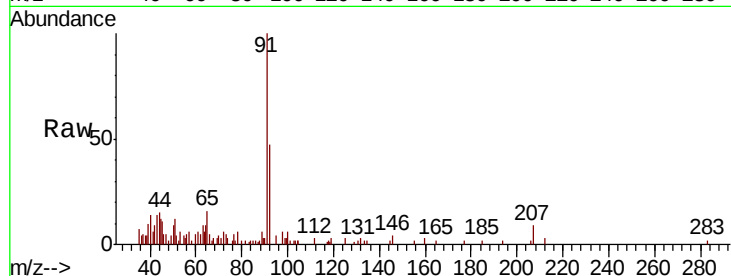
BG489

Tot Ion: 91 Resp: 4853

Ion Ratio Lower Upper

91 100

92 46.9 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0

8.77

4000

3000

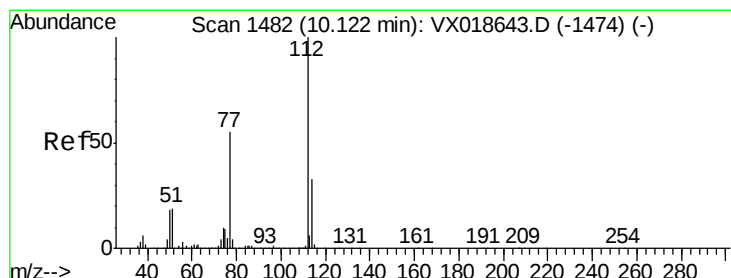
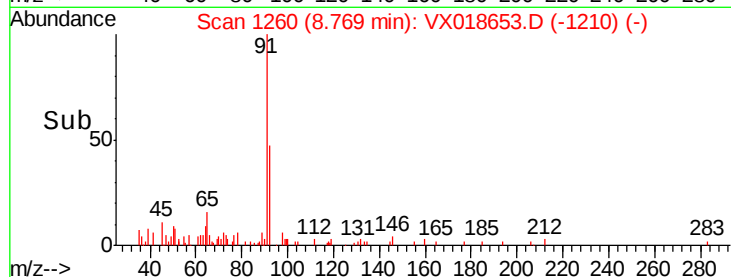
2000

1000

0

8.70 8.75 8.80 8.85

Time-->



#53

Chlorobenzene

Concen: 6.452 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

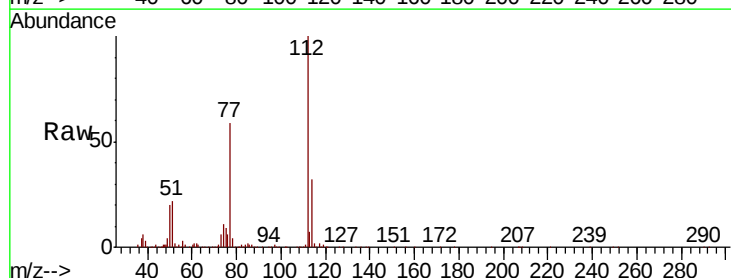
Tgt Ion: 112 Resp: 227354

Ion Ratio Lower Upper

112 100

114 31.7 20.6 38.4

77 59.1 46.6 69.8



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VX0

10.12

200000

150000

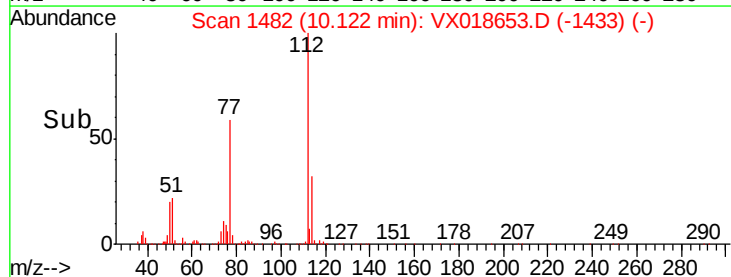
100000

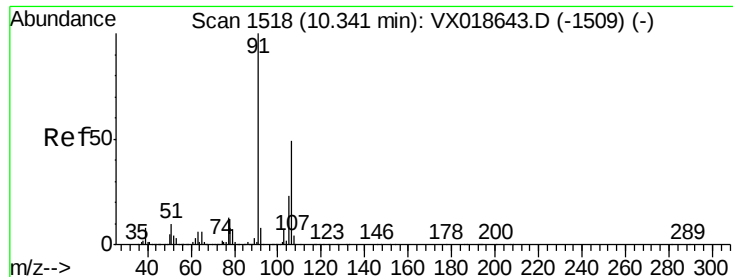
50000

0

10.05 10.10 10.15 10.20

Time-->





#55

m,p-xylene

Concen: 0.077 ug/L

RT: 10.35 min Scan# 1519

Delta R.T. 0.01 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

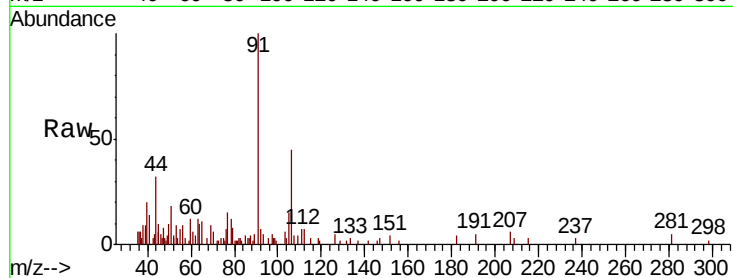
BG489

Tot Ion:106 Resp: 1711

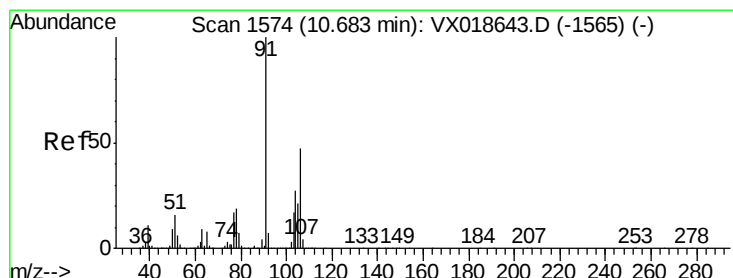
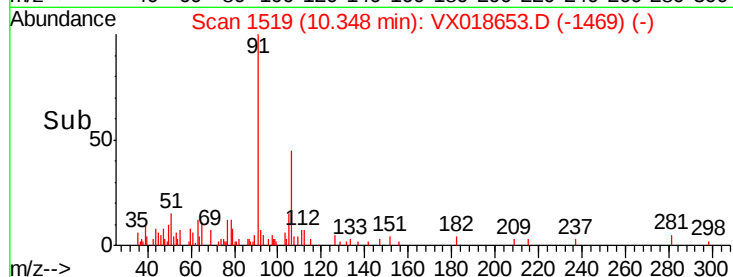
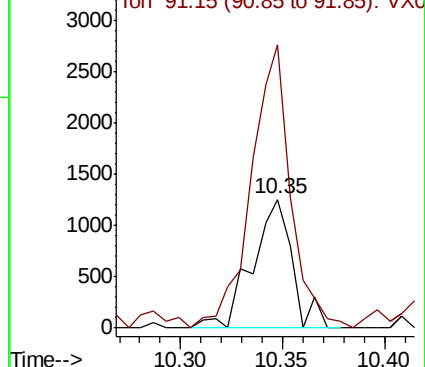
Ion Ratio Lower Upper

106 100

91 220.3 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V



#56

o-xylene

Concen: 0.077 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018653.D

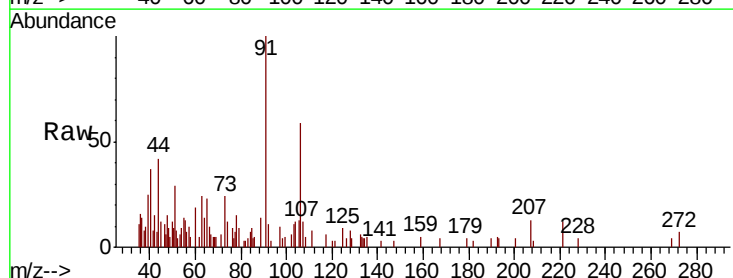
Acq: 29 Sep 2020 13:25

Tgt Ion:106 Resp: 1616

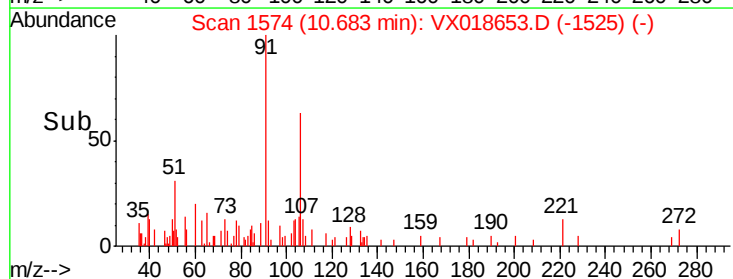
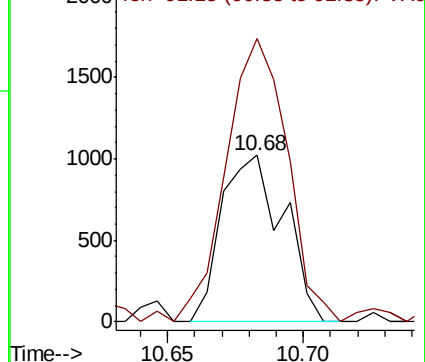
Ion Ratio Lower Upper

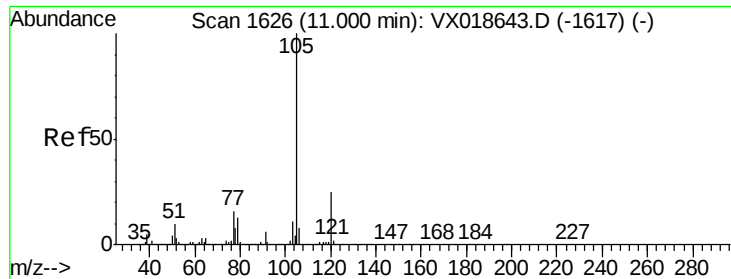
106 100

91 170.0 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V





#58

Isopropylbenzene

Concen: 0.194 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

Instrument :

MSVOA_X

ClientSampled :

BG489

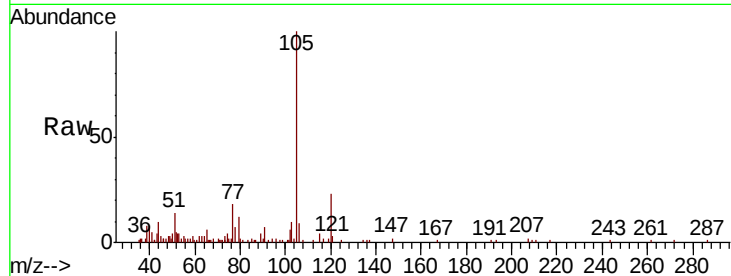
Tot Ion:105 Resp: 10907

Ion Ratio Lower Upper

105 100

120 24.8 21.2 31.8

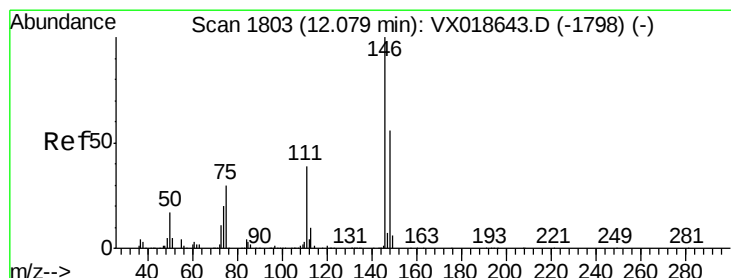
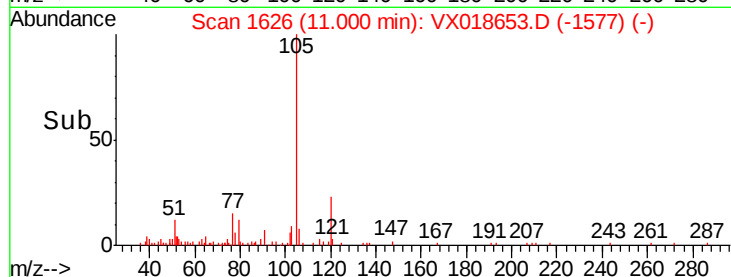
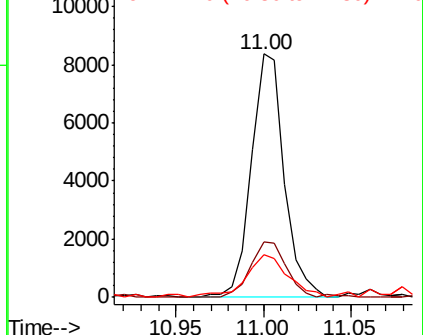
77 22.3 13.3 19.9#



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#64

1,4-Dichlorobenzene

Concen: 1.409 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX018653.D

Acq: 29 Sep 2020 13:25

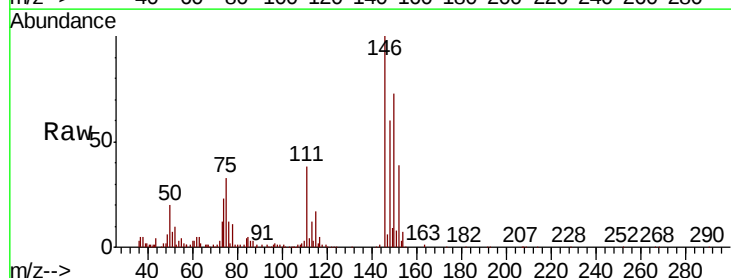
Tgt Ion:146 Resp: 38266

Ion Ratio Lower Upper

146 100

111 37.6 28.8 53.4

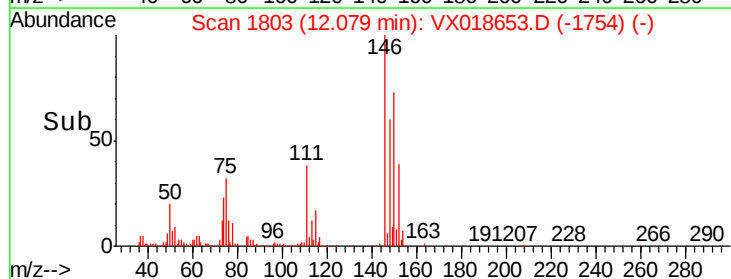
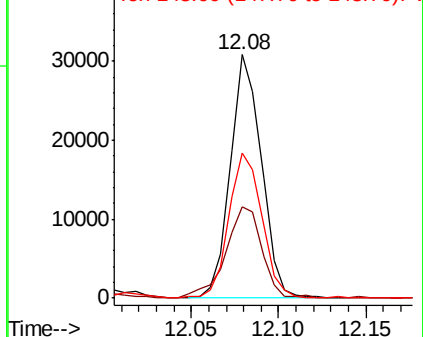
148 59.8 44.9 83.3

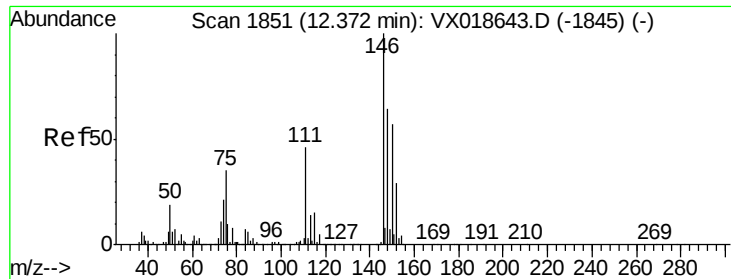


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66
 1,2-Dichlorobenzene
 Concen: 0.315 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX018653.D
 Acq: 29 Sep 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 BG489

Tot Ion:146 Resp: 7900
 Ion Ratio Lower Upper
 146 100
 111 51.4 33.6 50.4#
 148 82.4 53.4 80.2#

