

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX093020\
 Data File : VX018714.D
 Acq On : 30 Sep 2020 22:02
 Operator : JC/SP
 Sample : L4208-04
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0E3

Quant Time: Oct 01 05:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 01:06:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	192433	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	192427	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	87945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	38059	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.70	69	36377	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.34	63	70731	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.55	46	147115	57.29	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.58%
24) Chloroform-d	5.14	84	120052	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	6.03	65	69437	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	6.05	84	194543	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	7.37	67	62186	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	8.70	98	167509	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
45) trans-1,3-Dichloropropene-	8.99	79	25631	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	9.43	63	108868	50.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.00%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	51492	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	71362	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

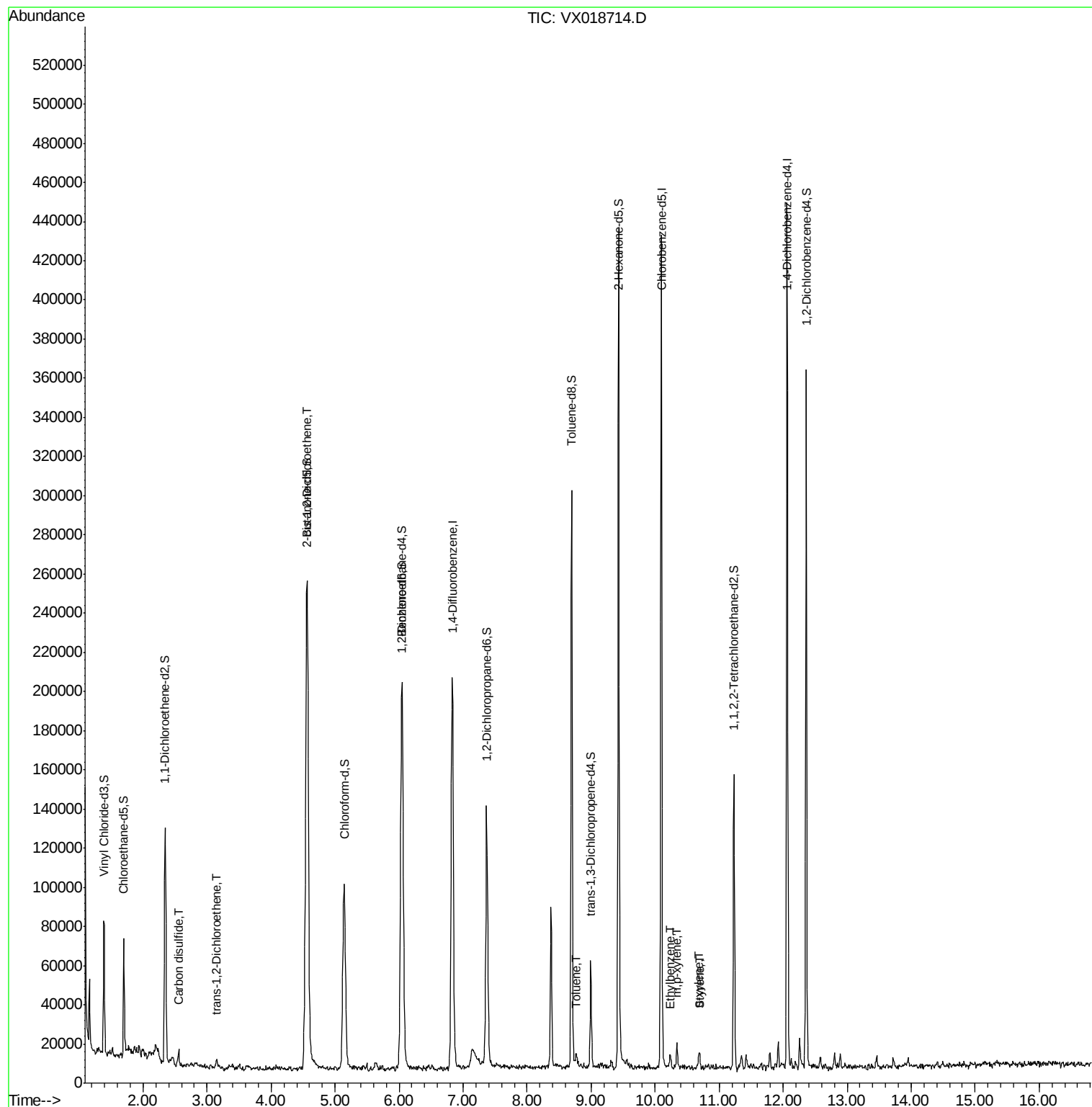
					Ovalue
14) Carbon disulfide	2.56	76	12460	0.436 ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	1164	0.124 ug/L #	58
22) cis-1,2-Dichloroethene	4.56	96	120627	12.311 ug/L #	96
42) Toluene	8.77	91	3749	0.094 ug/L	98
54) Ethylbenzene	10.23	91	3829	0.088 ug/L	94
55) m,p-xylene	10.34	106	2874	0.172 ug/L	81
56) o-xylene	10.68	106	1432	0.091 ug/L #	49
57) Styrene	10.70	104	1894	0.073 ug/L	82

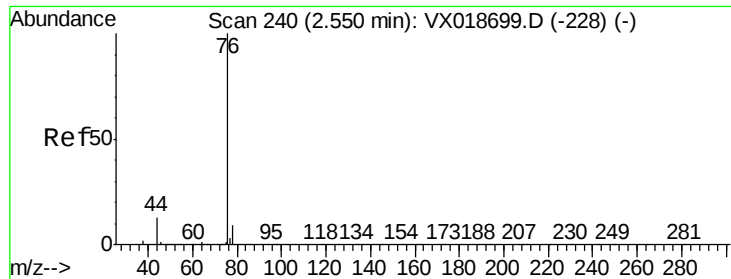
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\
Data File : VX018714.D
Acq On : 30 Sep 2020 22:02
Operator : JC/SP
Sample : L4208-04
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG0E3

Quant Time: Oct 01 05:36:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 01 01:06:26 2020
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.436 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018714.D

Acq: 30 Sep 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

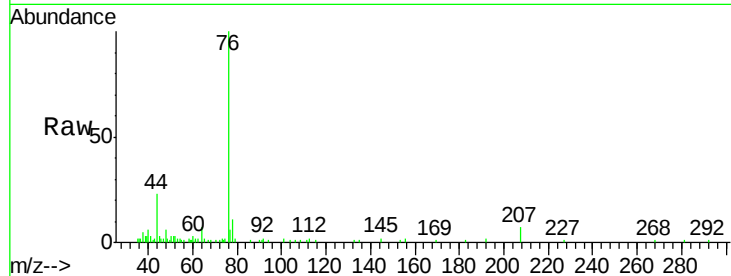
BG0E3

Tot Ion: 76 Resp: 12460

Ion Ratio Lower Upper

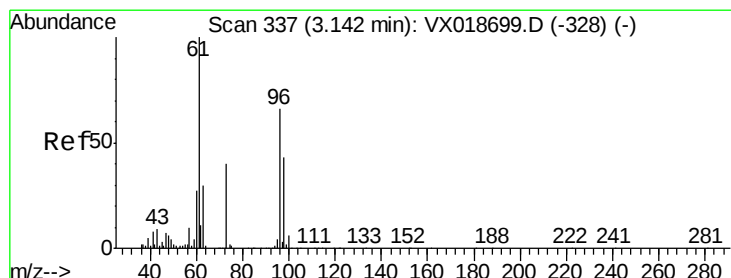
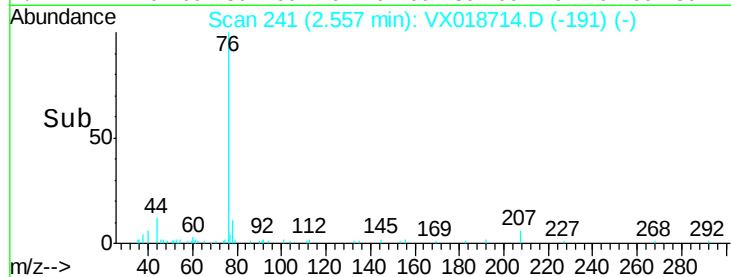
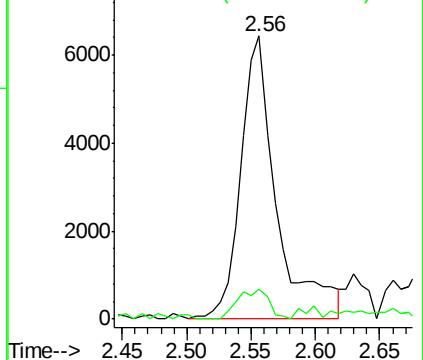
76 100

78 10.8 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0



#18

trans-1,2-Dichloroethene

Concen: 0.124 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018714.D

Acq: 30 Sep 2020 22:02

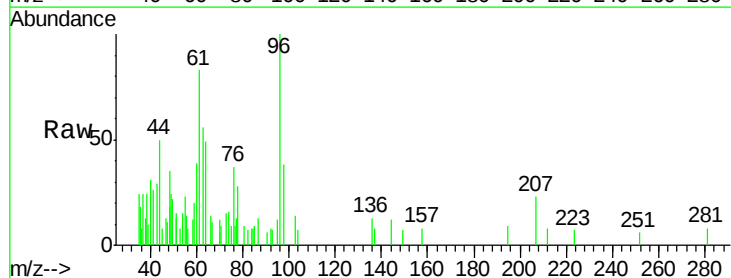
Tgt Ion: 96 Resp: 1164

Ion Ratio Lower Upper

96 100

61 83.4 97.3 180.7#

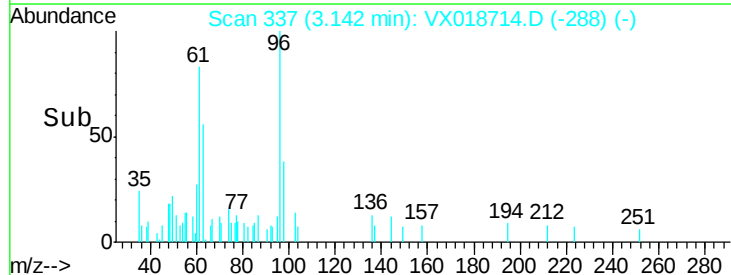
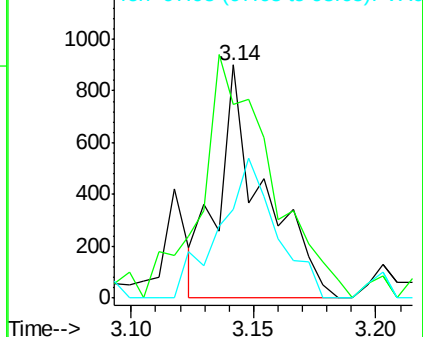
98 38.3 46.6 86.6#

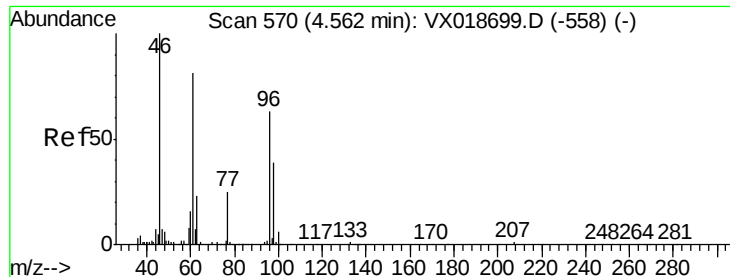


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



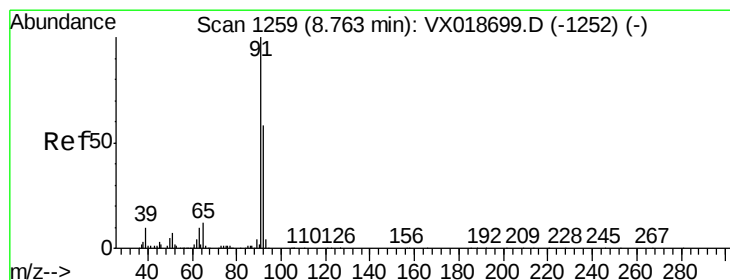
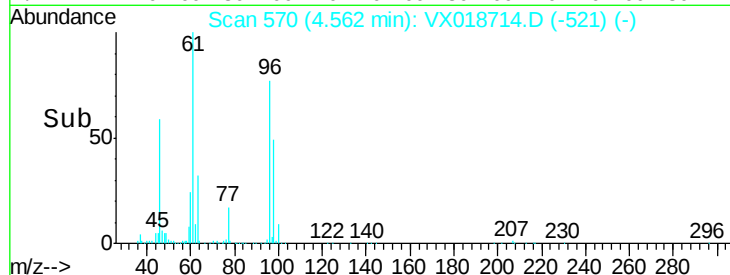
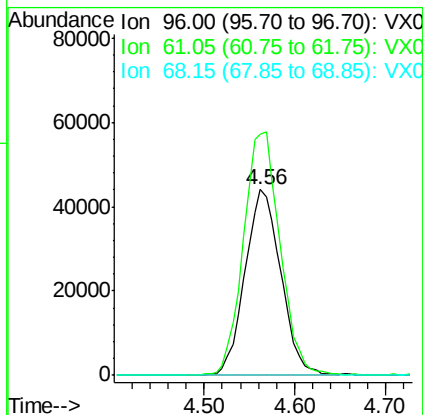
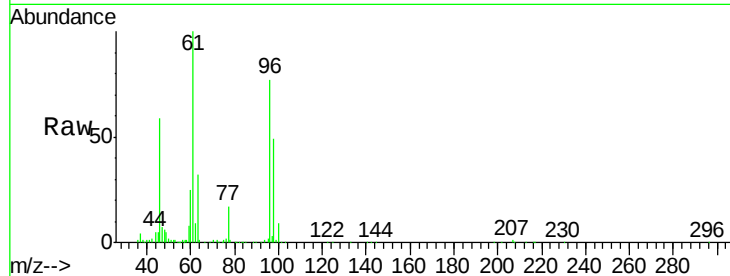


#22

cis-1,2-Dichloroethene
 Concen: 12.311 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX018714.D
 Acq: 30 Sep 2020 22:02

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0E3

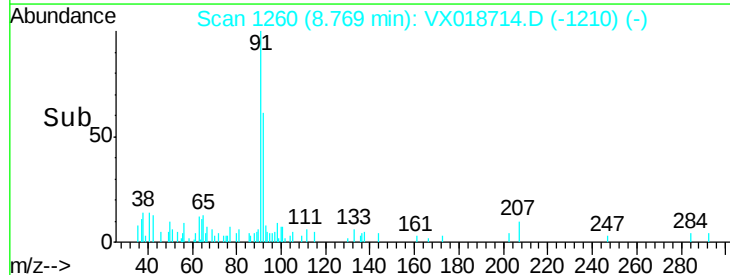
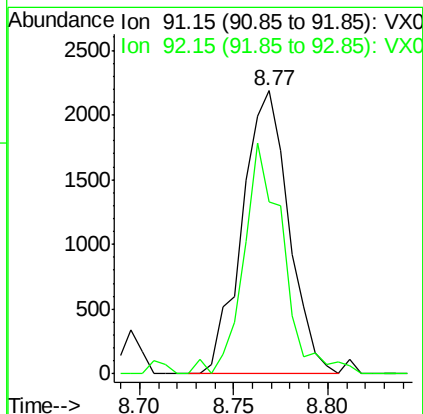
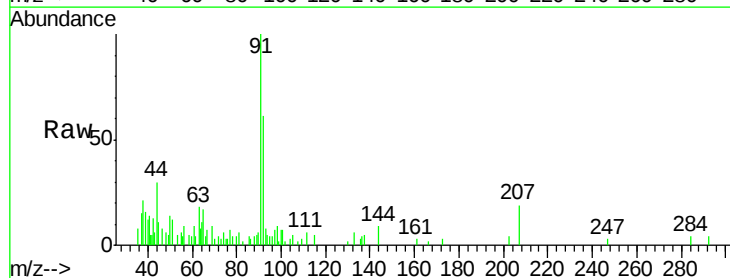
Tot Ion: 96 Resp: 120627
 Ion Ratio Lower Upper
 96 100
 61 130.3 87.7 162.9
 68 0.2 0.3 0.7#

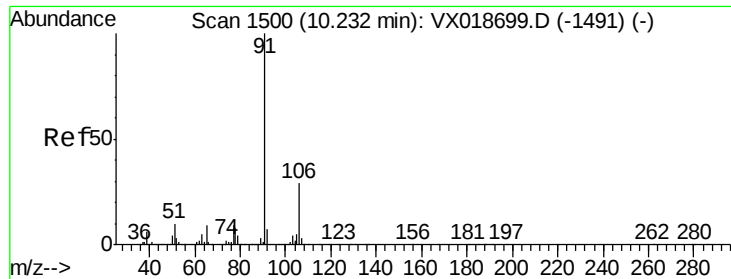


#42

Toluene
 Concen: 0.094 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX018714.D
 Acq: 30 Sep 2020 22:02

Tgt Ion: 91 Resp: 3749
 Ion Ratio Lower Upper
 91 100
 92 60.5 41.1 76.3





#54

Ethylbenzene

Concen: 0.088 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018714.D

Acq: 30 Sep 2020 22:02

Instrument :

MSVOA_X

ClientSampleId :

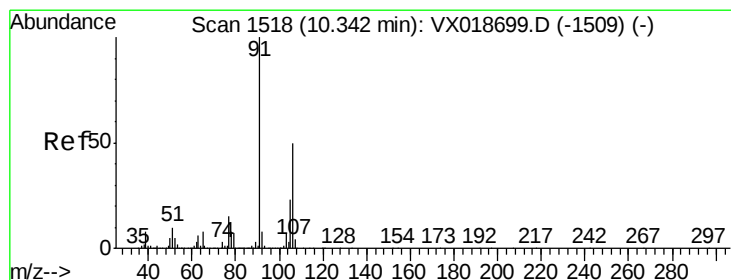
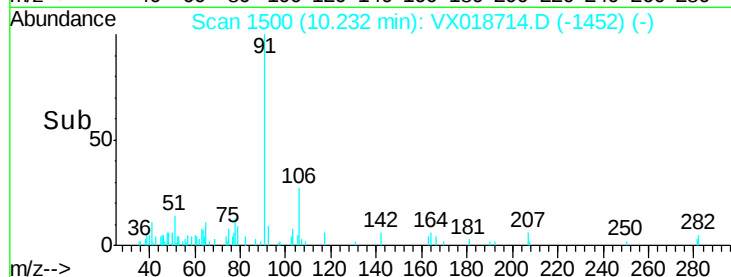
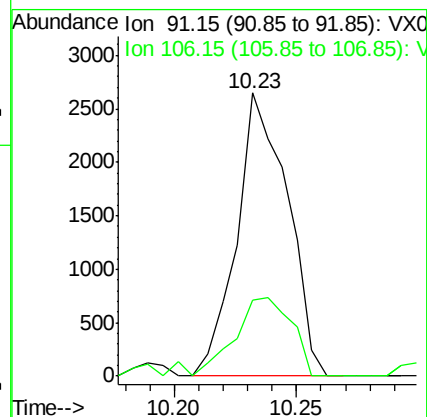
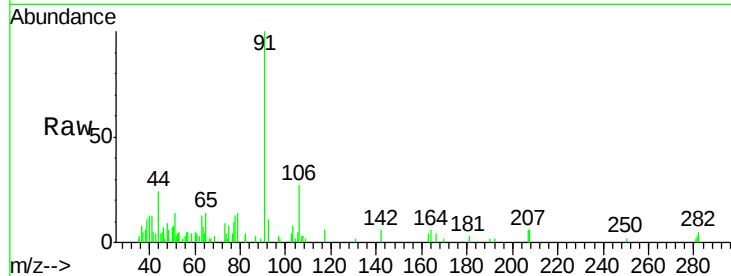
BG0E3

Tot Ion: 91 Resp: 3829

Ion Ratio Lower Upper

91 100

106 26.9 21.0 39.0



#55

m,p-xylene

Concen: 0.172 ug/L

RT: 10.34 min Scan# 1517

Delta R.T. -0.01 min

Lab File: VX018714.D

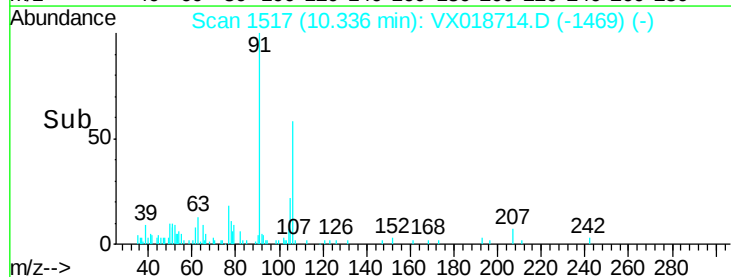
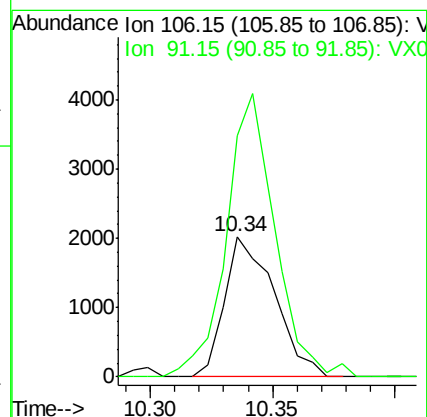
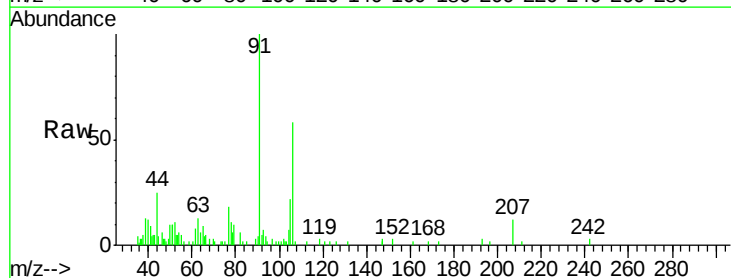
Acq: 30 Sep 2020 22:02

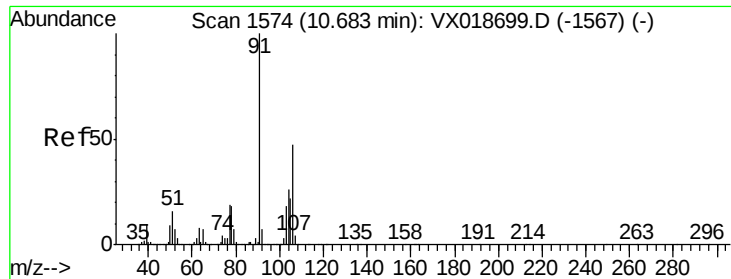
Tgt Ion: 106 Resp: 2874

Ion Ratio Lower Upper

106 100

91 172.4 140.3 260.6





#56

o-xylene

Concen: 0.091 ug/L

RT: 10.68 min Scan# 1573

Delta R.T. -0.01 min

Lab File: VX018714.D

Acq: 30 Sep 2020 22:02

Instrument :

MSVOA_X

ClientSampled :

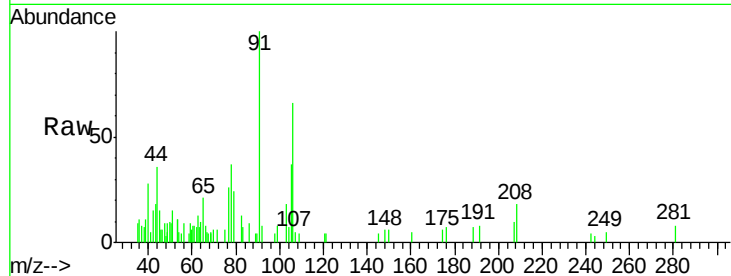
BG0E3

Tot Ion:106 Resp: 1432

Ion Ratio Lower Upper

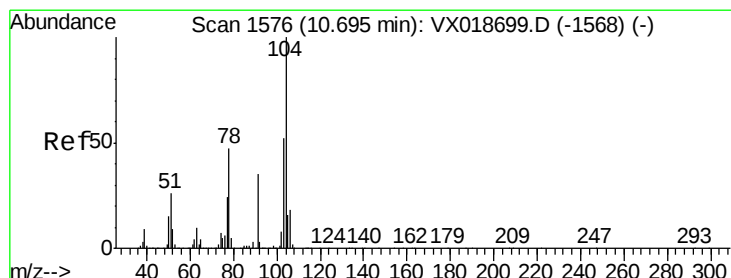
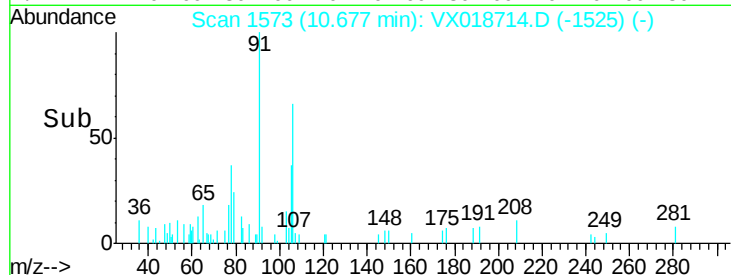
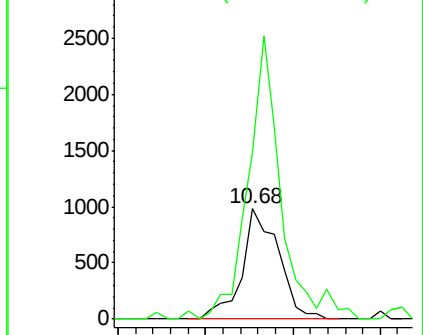
106 100

91 152.2 167.5 311.1#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#57

Styrene

Concen: 0.073 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX018714.D

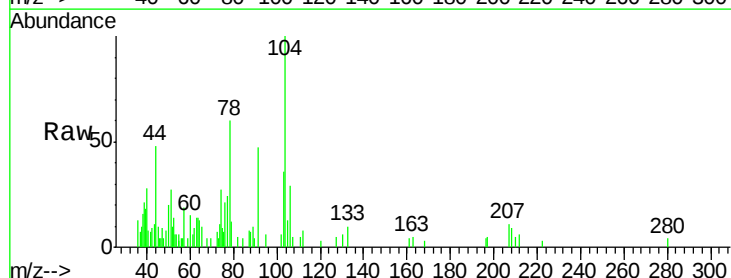
Acq: 30 Sep 2020 22:02

Tgt Ion:104 Resp: 1894

Ion Ratio Lower Upper

104 100

78 59.7 33.3 61.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VX0

