

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092920\
 Data File : VX018671.D
 Acq On : 29 Sep 2020 21:30
 Operator : JC/SP
 Sample : L4143-05
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0G9

Quant Time: Sep 30 07:31:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 30 07:04:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	228333	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	220880	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	98849	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	57848	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.70	69	50754	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.34	63	107520	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.40%
20) 2-Butanone-d5	4.57	46	169325	55.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.16%
24) Chloroform-d	5.14	84	141695	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	6.03	65	80248	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	6.05	84	259259	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	7.37	67	80409	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	8.70	98	229902	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
45) trans-1,3-Dichloropropene-	8.99	79	29200	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	9.43	63	128356	51.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.74%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	59350	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	88200	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

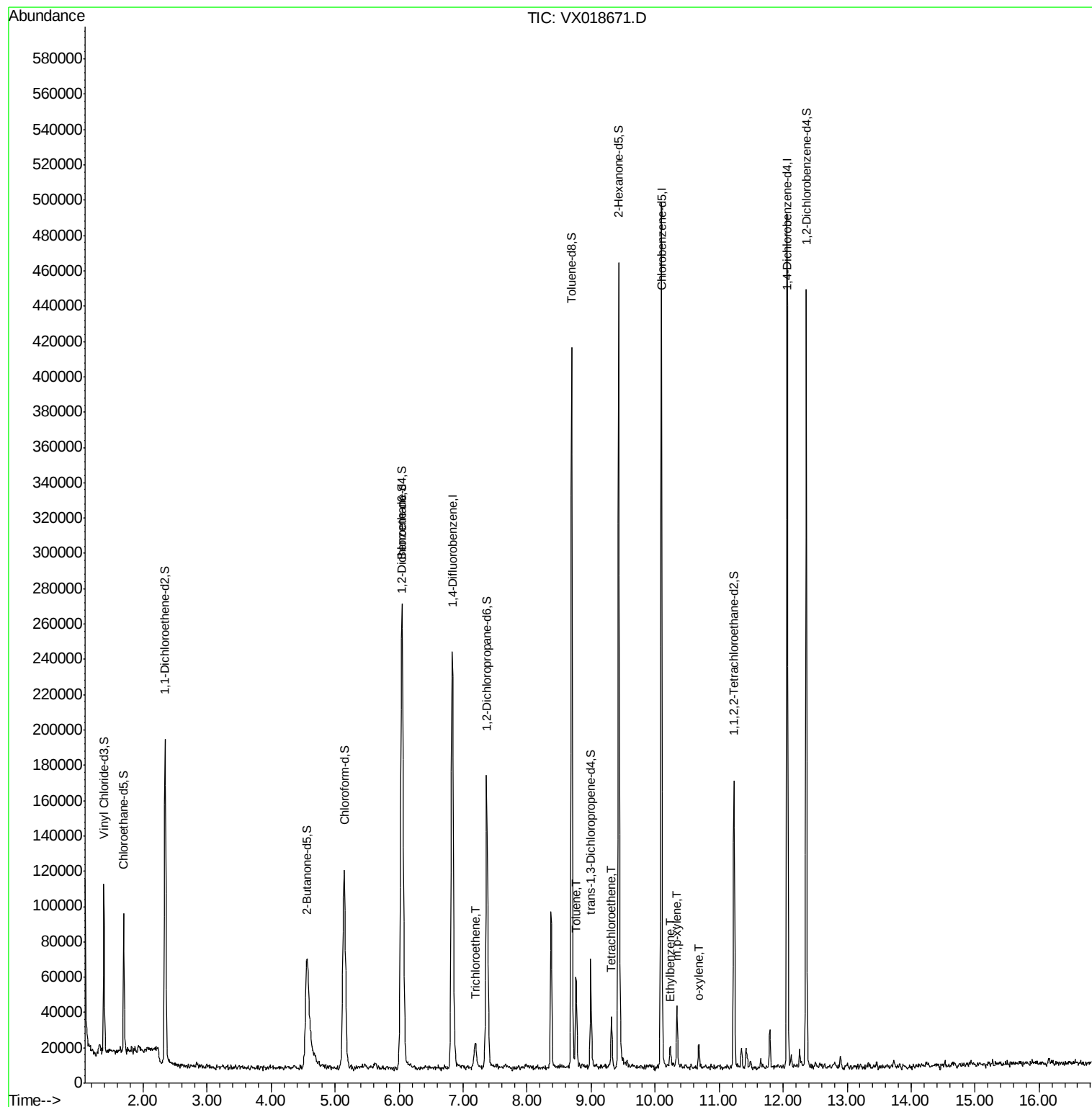
					Ovalue
34) Trichloroethene	7.19	95	5229	0.424 ug/L	93
42) Toluene	8.77	91	32258	0.701 ug/L	93
49) Tetrachloroethene	9.32	164	4660	0.480 ug/L	90
54) Ethylbenzene	10.24	91	6231	0.124 ug/L	99
55) m,p-xylene	10.34	106	7616	0.398 ug/L	94
56) o-xylene	10.68	106	2972	0.164 ug/L	68

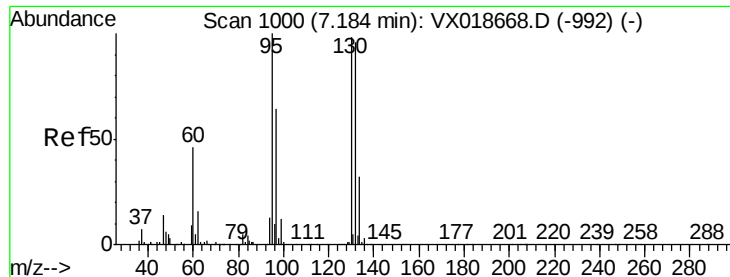
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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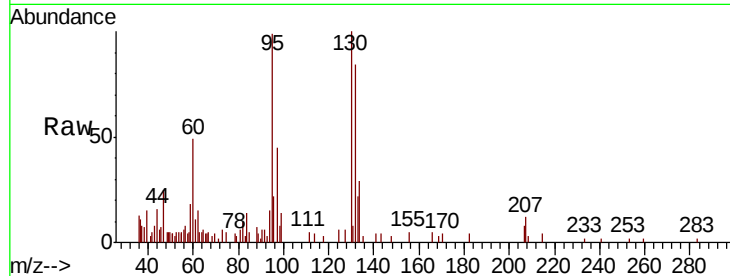




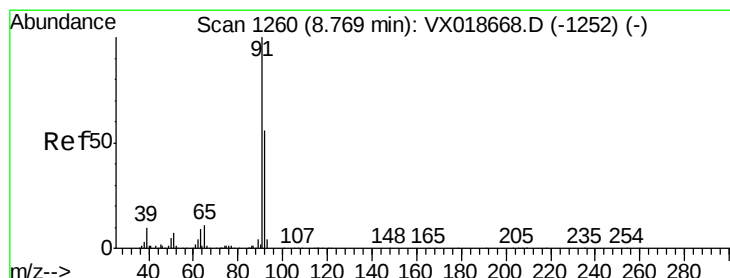
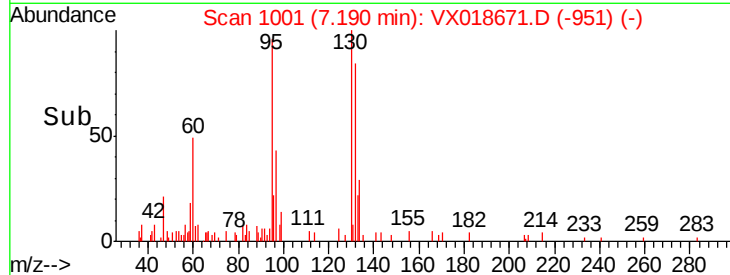
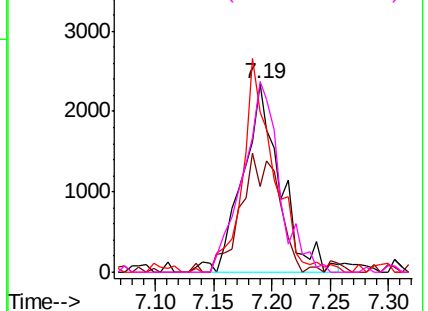
#34
 Trichloroethene
 Concen: 0.424 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018671.D
 Acq: 29 Sep 2020 21:30

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0G9

Tot Ion: 95 Resp: 5229
 Ion Ratio Lower Upper
 95 100
 97 45.5 40.6 75.4
 132 85.0 64.3 119.5
 130 101.4 70.6 131.0

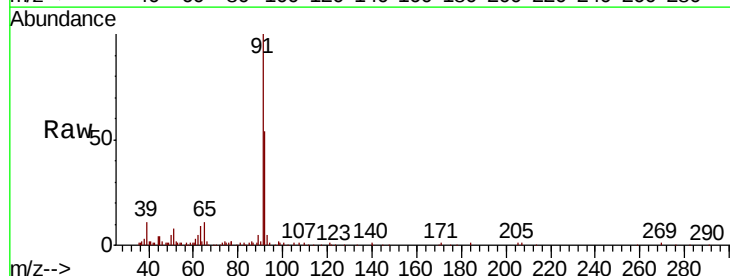


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

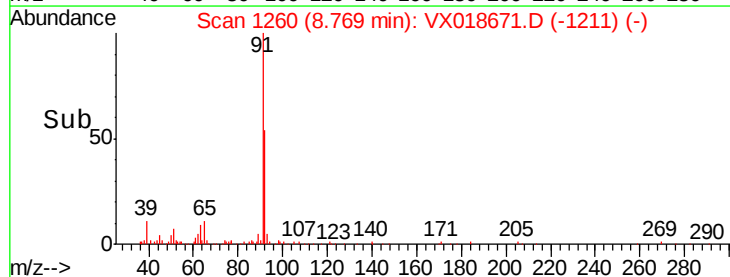
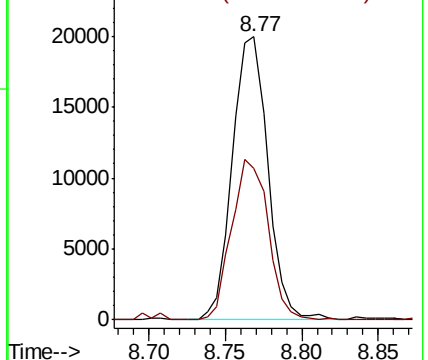


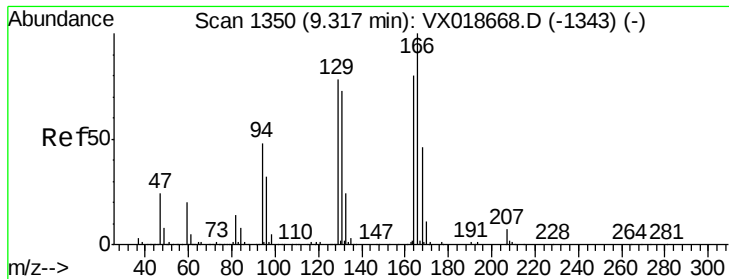
#42
 Toluene
 Concen: 0.701 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018671.D
 Acq: 29 Sep 2020 21:30

Tgt Ion: 91 Resp: 32258
 Ion Ratio Lower Upper
 91 100
 92 53.6 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX0
 Ion 92.15 (91.85 to 92.85): VX0





#49

Tetrachloroethene

Concen: 0.480 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018671.D

Acq: 29 Sep 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

BG0G9

Tot Ion:164 Resp: 4660

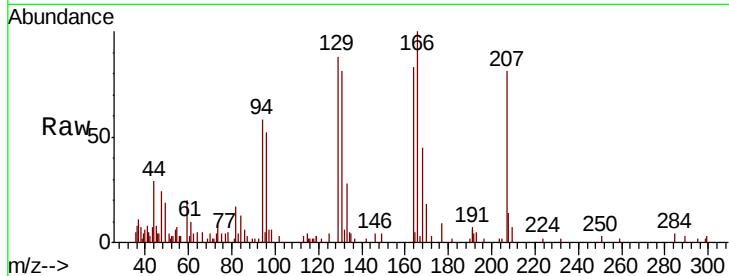
Ion Ratio Lower Upper

164 100

129 106.0 65.9 122.3

131 97.5 61.4 114.0

166 120.6 91.0 169.0



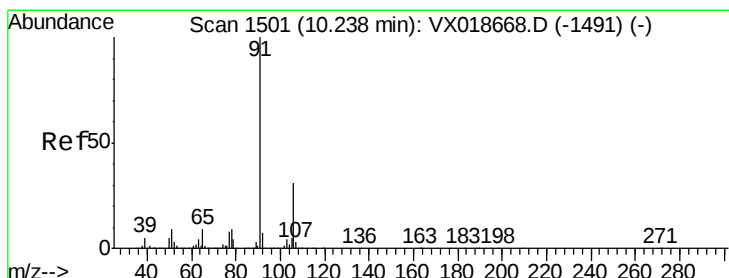
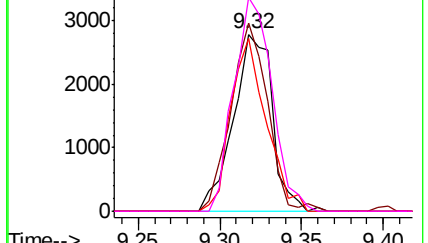
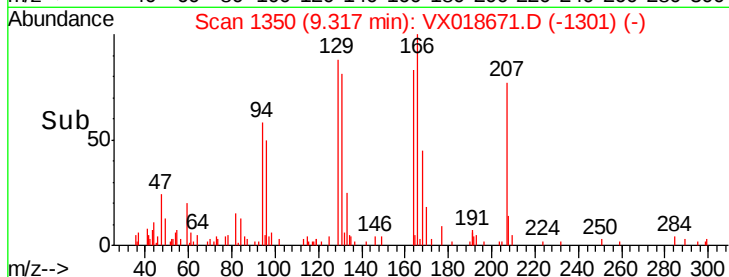
Abundance Ion 163.90 (163.60 to 164.60): V

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

Time-->



#54

Ethylbenzene

Concen: 0.124 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018671.D

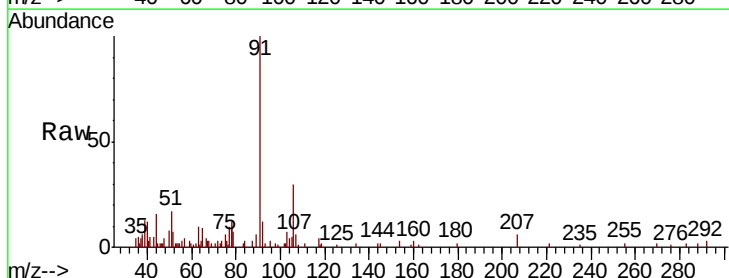
Acq: 29 Sep 2020 21:30

Tgt Ion: 91 Resp: 6231

Ion Ratio Lower Upper

91 100

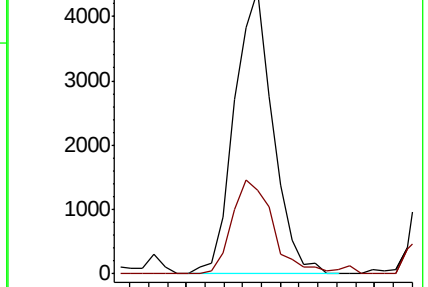
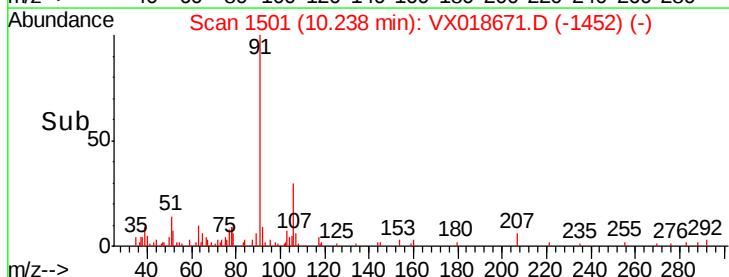
106 29.5 21.0 39.0

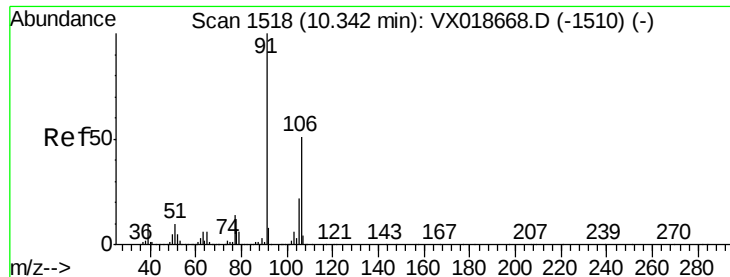


Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V

Time-->





#55

m,p-xylene

Concen: 0.398 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018671.D

Acq: 29 Sep 2020 21:30

Instrument :

MSVOA_X

ClientSampleId :

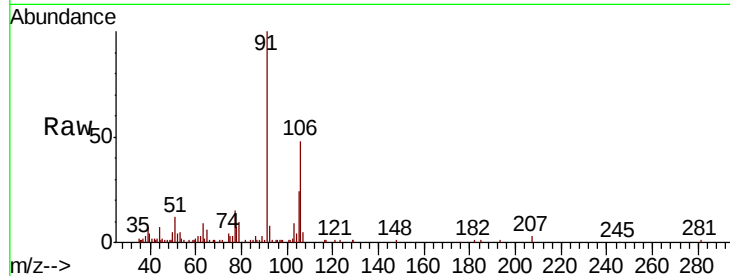
BG0G9

Tot Ion:106 Resp: 7616

Ion Ratio Lower Upper

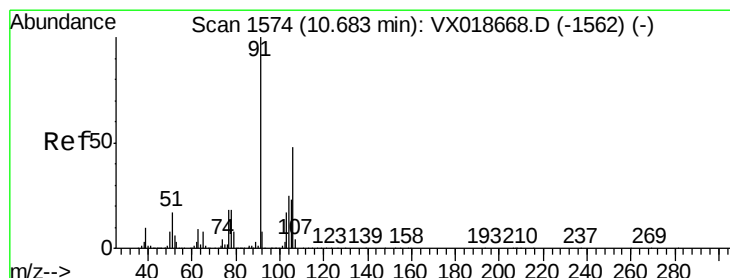
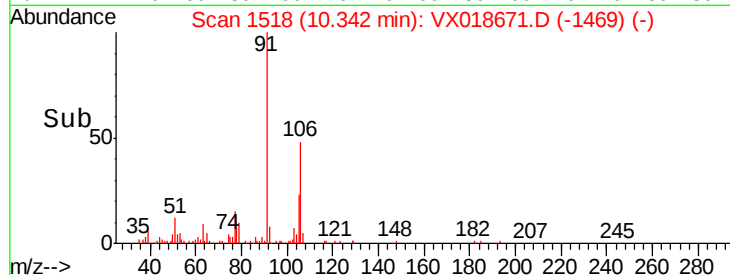
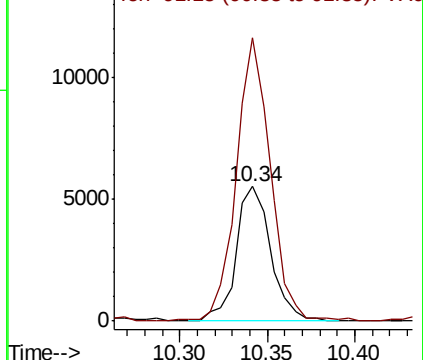
106 100

91 210.2 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.164 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018671.D

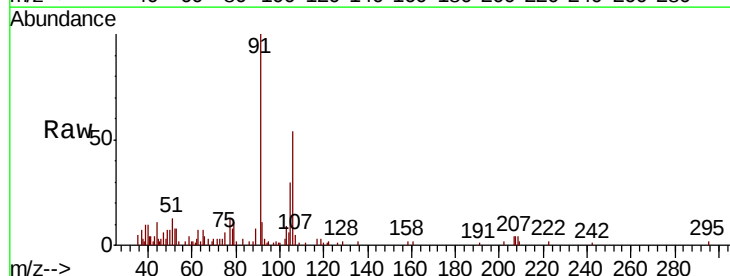
Acq: 29 Sep 2020 21:30

Tgt Ion:106 Resp: 2972

Ion Ratio Lower Upper

106 100

91 185.6 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

