

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092920\
 Data File : VX018662.D
 Acq On : 29 Sep 2020 17:03
 Operator : JC/SP
 Sample : L4143-07
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0H1

Quant Time: Sep 30 06:42:36 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	225647	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	219234	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	101631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58192	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.70	69	50105	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.34	63	107460	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	4.56	46	171611	57.00	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.00%
24) Chloroform-d	5.14	84	143358	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	6.03	65	82619	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	6.05	84	268704	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	7.37	67	81594	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	8.70	98	240740	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
45) trans-1,3-Dichloropropene-	8.99	79	32335	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	9.43	63	133465	54.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.68%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	62107	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	90779	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

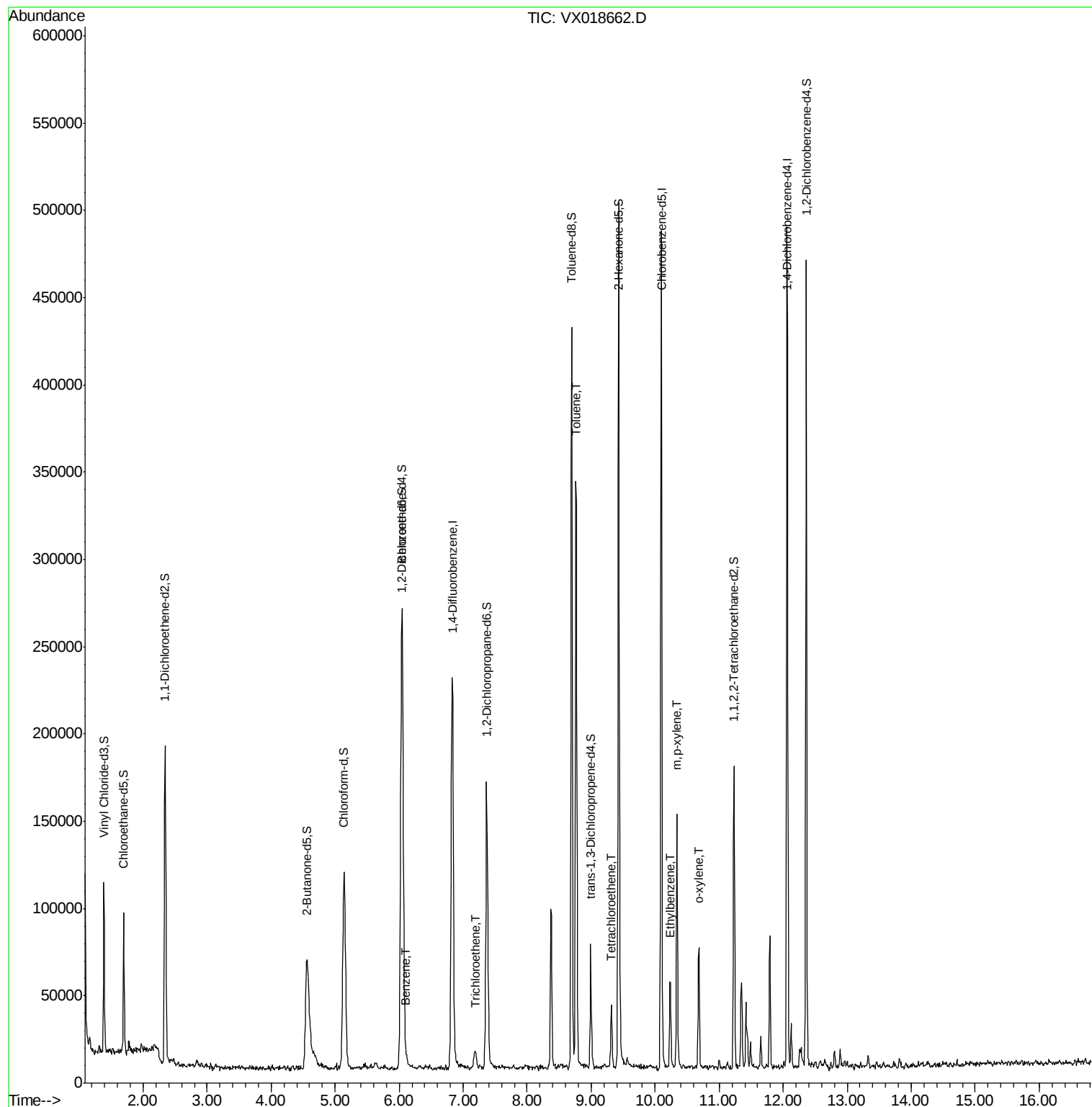
					Ovalue
33) Benzene	6.11	78	5286	0.125 ug/L	100
34) Trichloroethene	7.20	95	3330	0.272 ug/L	79
42) Toluene	8.77	91	220049	4.820 ug/L	95
49) Tetrachloroethene	9.32	164	1671	0.174 ug/L	82
54) Ethylbenzene	10.24	91	28230	0.568 ug/L	98
55) m,p-xylene	10.34	106	33037	1.737 ug/L	99
56) o-xylene	10.68	106	15607	0.869 ug/L	88

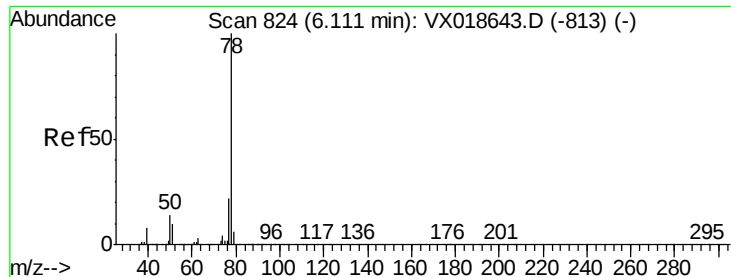
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 30 04:47:32 2020
Response via : Initial Calibration





#33

Benzene

Concen: 0.125 ug/L

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX018662.D

Acq: 29 Sep 2020 17:03

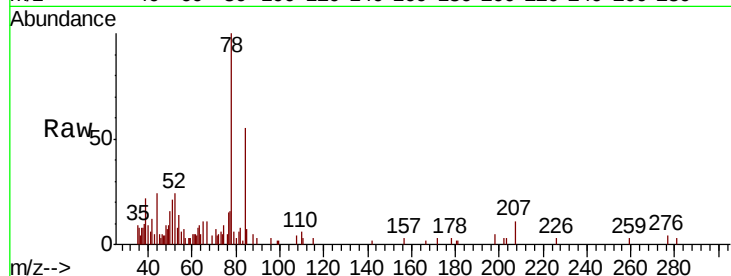
Instrument :

MSVOA_X

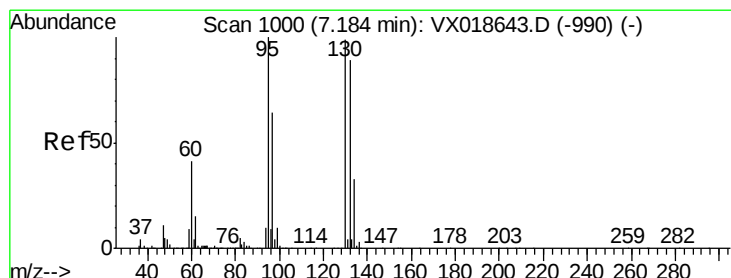
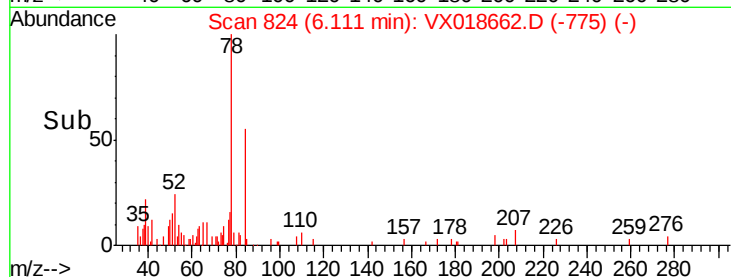
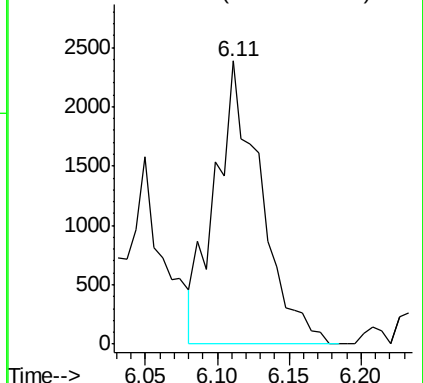
ClientSampleId :

BG0H1

Tgt Ion: 78 Resp: 5286



Abundance Ion 78.10 (77.80 to 78.80): VX0



#34

Trichloroethene

Concen: 0.272 ug/L

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX018662.D

Acq: 29 Sep 2020 17:03

Tgt Ion: 95 Resp: 3330

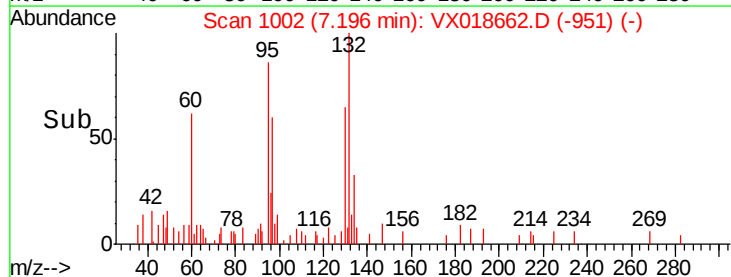
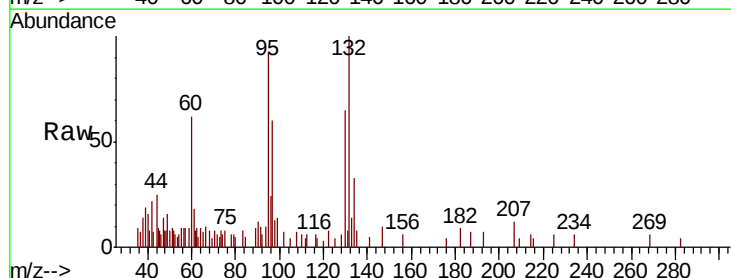
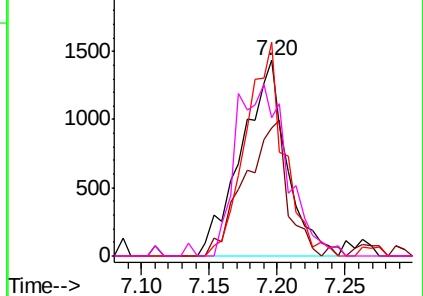
Ion	Ratio	Lower	Upper
95	100		
97	65.2	40.6	75.4
132	109.3	64.3	119.5
130	71.0	70.6	131.0

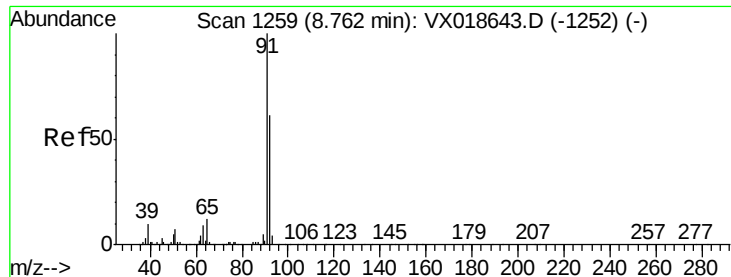
Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 4.820 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX018662.D

Acq: 29 Sep 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

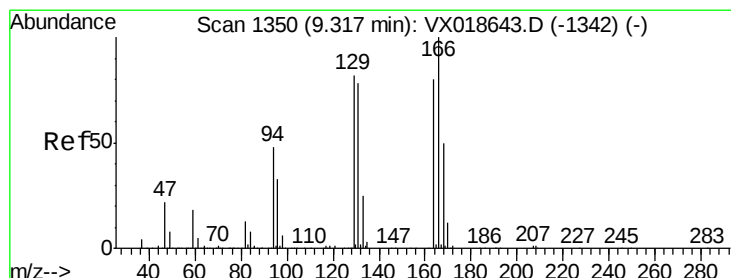
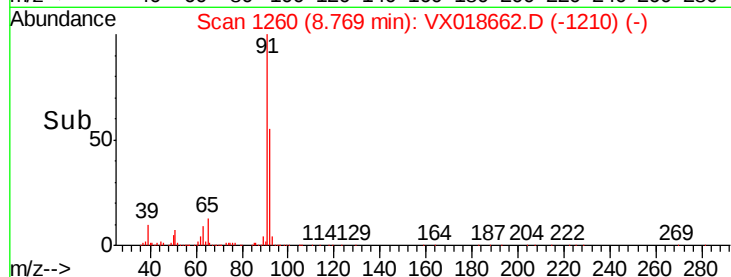
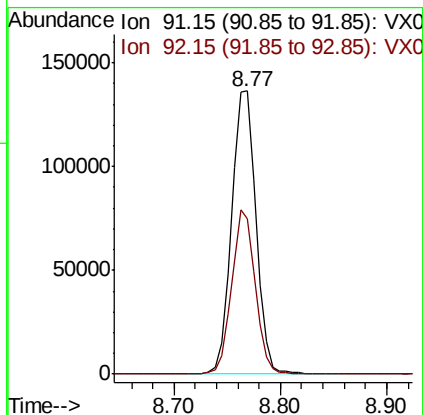
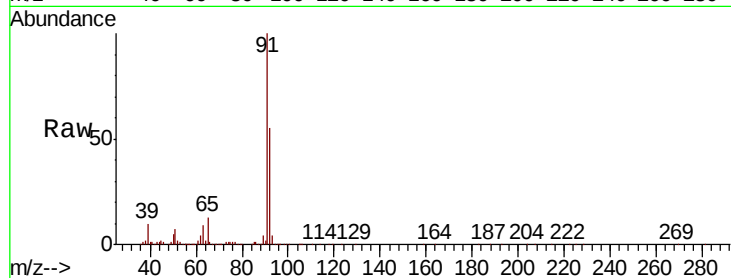
BG0H1

Tot Ion: 91 Resp: 220049

Ion Ratio Lower Upper

91 100

92 55.1 41.1 76.3



#49

Tetrachloroethene

Concen: 0.174 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018662.D

Acq: 29 Sep 2020 17:03

Tgt Ion: 164 Resp: 1671

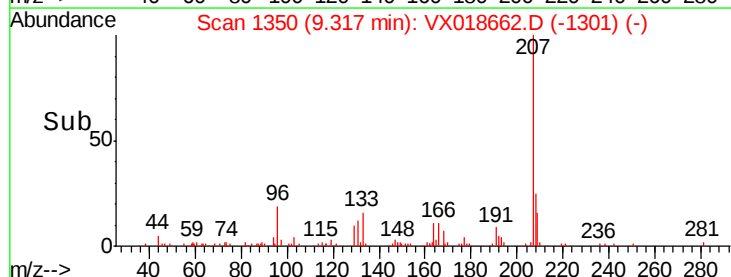
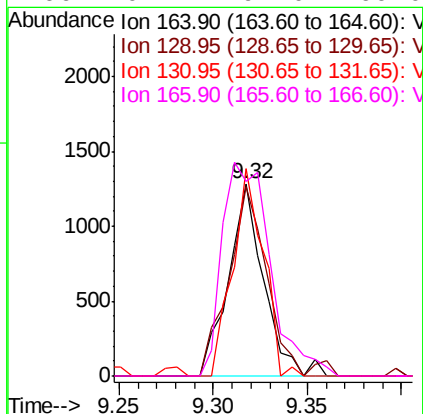
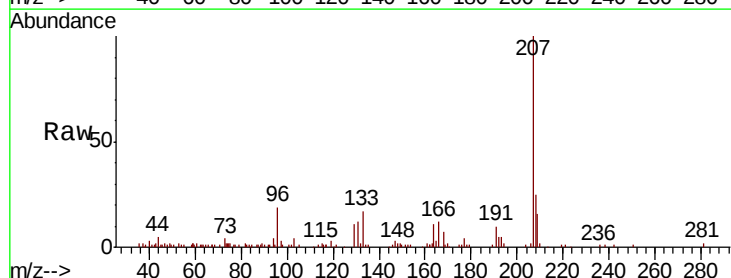
Ion Ratio Lower Upper

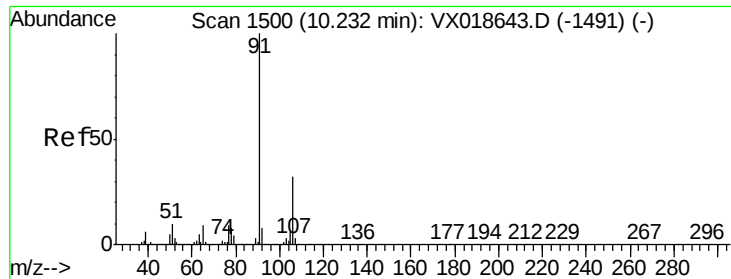
164 100

129 98.4 65.9 122.3

131 107.7 61.4 114.0

166 101.2 91.0 169.0





#54

Ethylbenzene

Concen: 0.568 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018662.D

Acq: 29 Sep 2020 17:03

Instrument :

MSVOA_X

ClientSampleId :

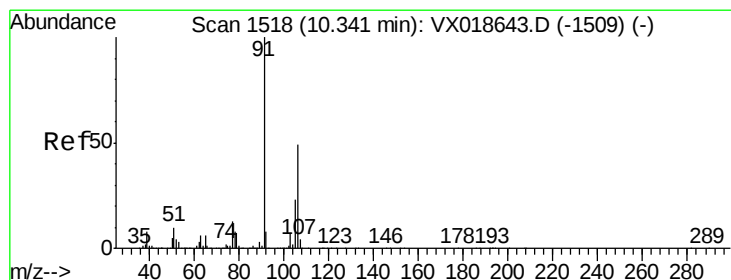
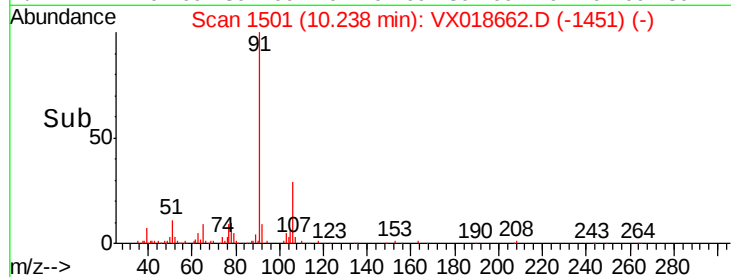
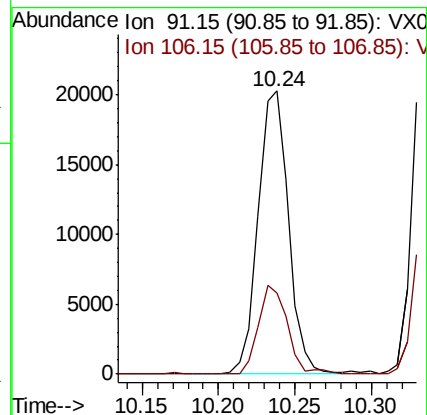
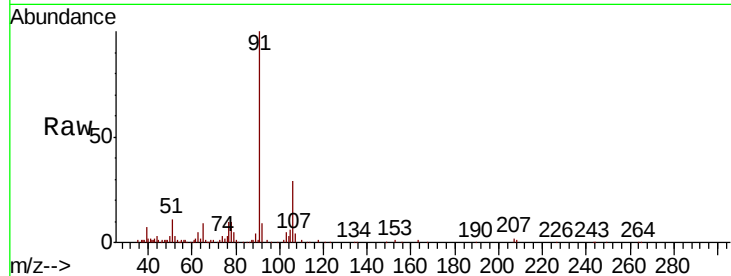
BG0H1

Tot Ion: 91 Resp: 28230

Ion Ratio Lower Upper

91 100

106 28.7 21.0 39.0



#55

m,p-xylene

Concen: 1.737 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018662.D

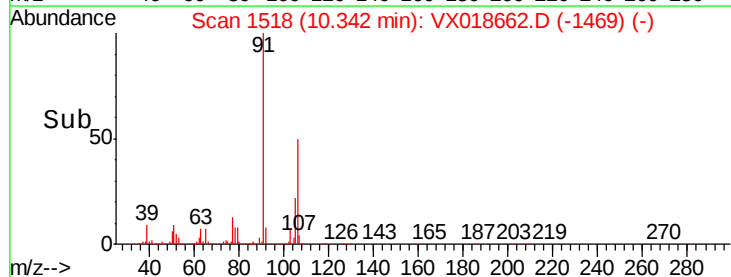
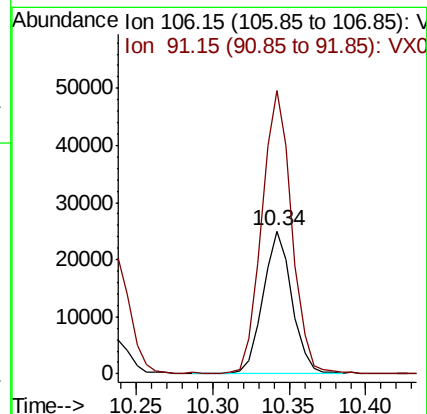
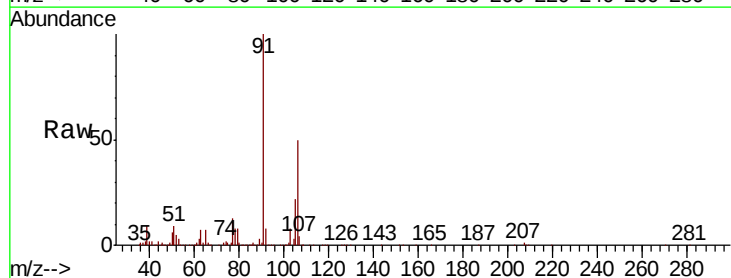
Acq: 29 Sep 2020 17:03

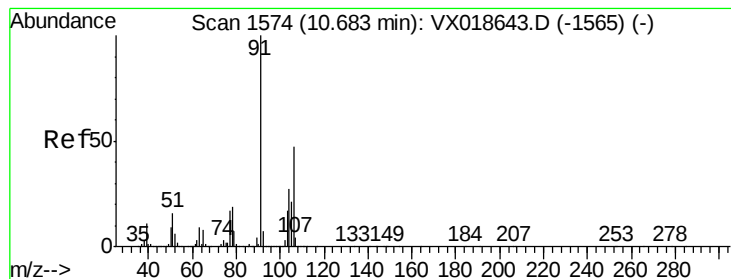
Tgt Ion: 106 Resp: 33037

Ion Ratio Lower Upper

106 100

91 198.5 140.3 260.6





#56
 o-xylene
 Concen: 0.869 ug/L
 RT: 10.68 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VX018662.D
 Acq: 29 Sep 2020 17:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0H1

Tot Ion:106 Resp: 15607
 Ion Ratio Lower Upper
 106 100
 91 219.3 167.5 311.1

