

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018807.D
 Acq On : 06 Oct 2020 18:30
 Operator : JC/SP
 Sample : L4239-06DL2 2000X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N6DL2

Quant Time: Oct 07 03:37:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	110242	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	106008	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	49470	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	29299	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.70	69	27853	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.60%
11) 1,1-Dichloroethene-d2	2.34	63	54516	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.56	46	114523	67.80	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.60%#
24) Chloroform-d	5.14	84	82405	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	6.03	65	49692	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	6.05	84	145609	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	7.37	67	45692	6.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.00%
41) Toluene-d8	8.70	98	128578	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
45) trans-1,3-Dichloropropene-	8.99	79	20719	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
48) 2-Hexanone-d5	9.43	63	93054	67.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.52%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	36877	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	52899	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

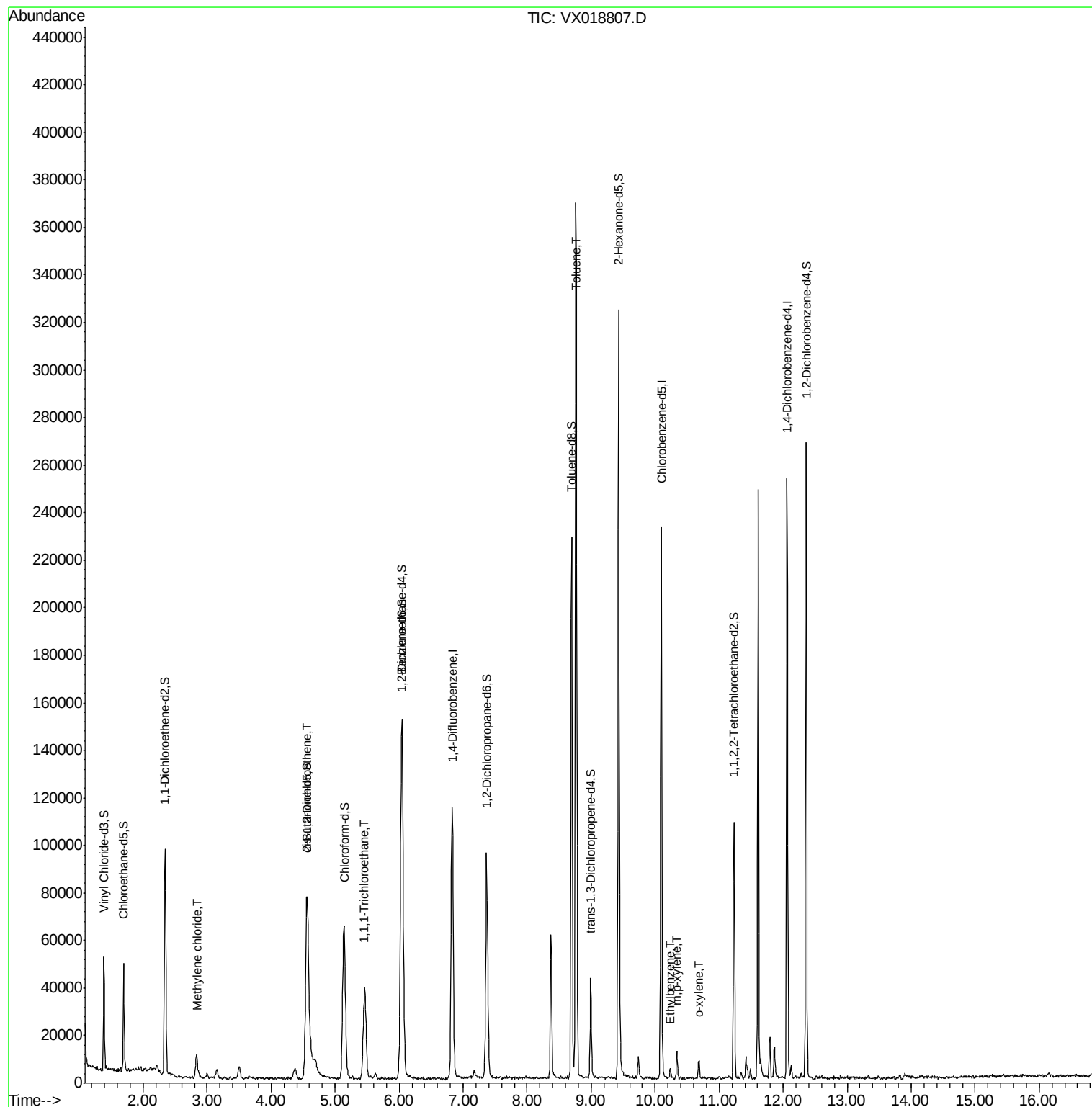
					Ovalue
16) Methylene chloride	2.84	84	4396	0.660 ug/L	91
22) cis-1,2-Dichloroethene	4.57	96	23324	3.846 ug/L #	92
29) 1,1,1-Trichloroethane	5.46	97	38613	3.079 ug/L	98
42) Toluene	8.76	91	235215	9.683 ug/L	99
54) Ethylbenzene	10.24	91	2296	0.084 ug/L	98
55) m,p-xylene	10.34	106	2296	0.216 ug/L	84
56) o-xylene	10.68	106	1728	0.176 ug/L	99

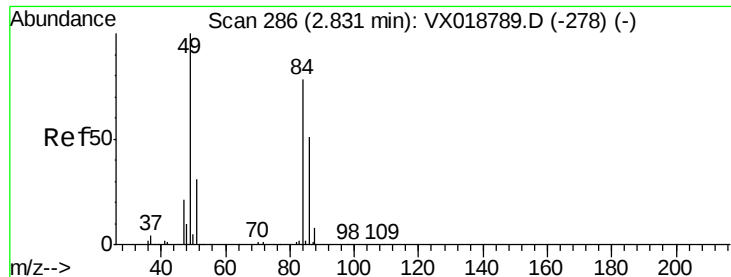
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018807.D
Acq On : 06 Oct 2020 18:30
Operator : JC/SP
Sample : L4239-06DL2 2000X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3N6DL2

Quant Time: Oct 07 03:37:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

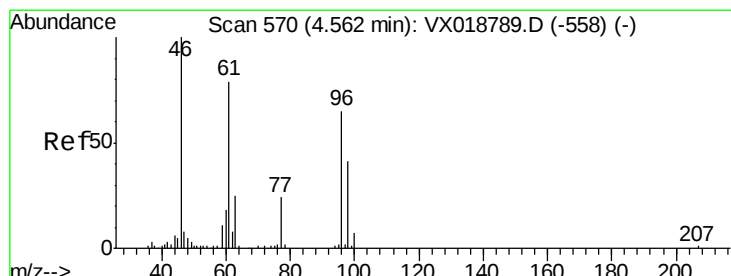
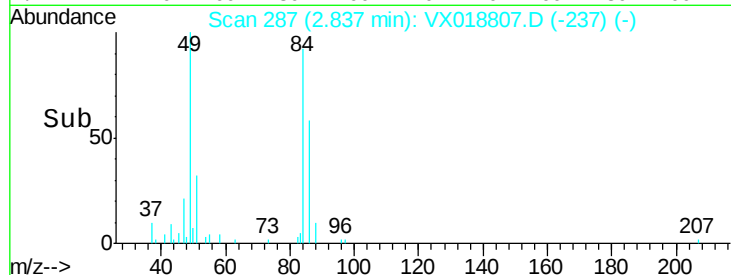
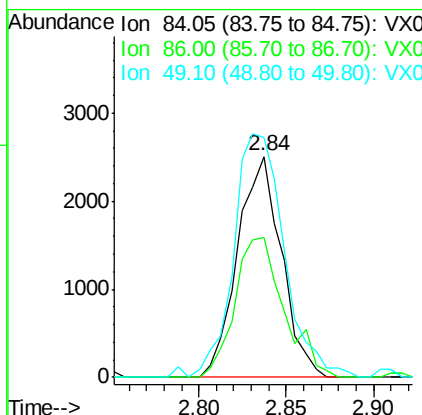
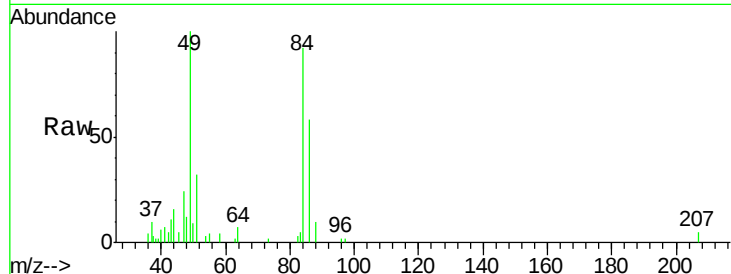




#16
Methylene chloride
Concen: 0.660 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018807.D
Acq: 06 Oct 2020 18:30

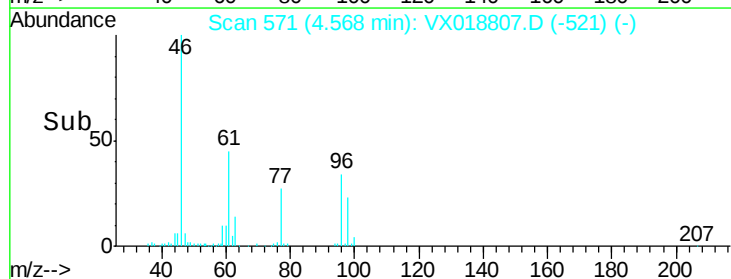
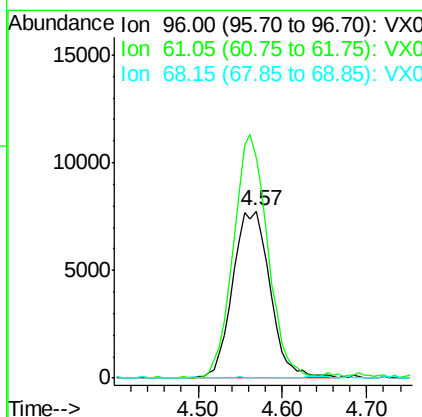
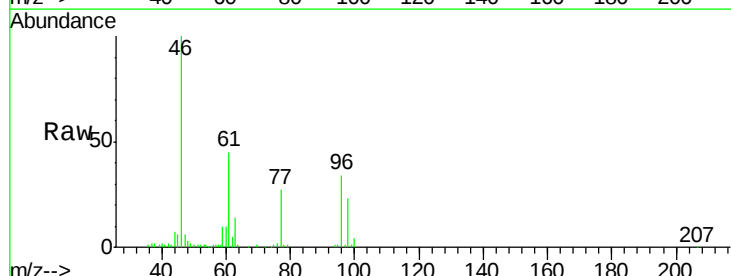
Instrument :
MSVOA_X
ClientSampled :
BG3N6DL2

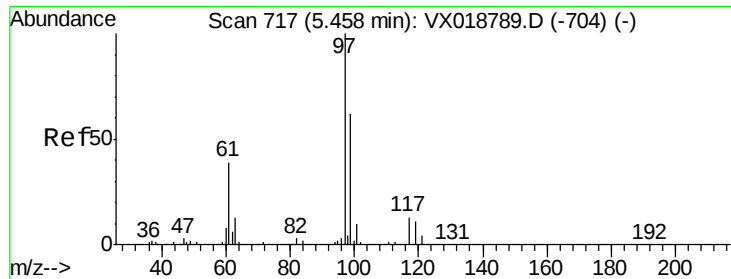
Tot Ion: 84 Resp: 4396
Ion Ratio Lower Upper
84 100
86 63.3 45.6 84.8
49 108.4 85.8 159.3



#22
cis-1,2-Dichloroethene
Concen: 3.846 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018807.D
Acq: 06 Oct 2020 18:30

Tgt Ion: 96 Resp: 23324
Ion Ratio Lower Upper
96 100
61 132.1 86.2 160.0
68 0.0 0.3 0.7#

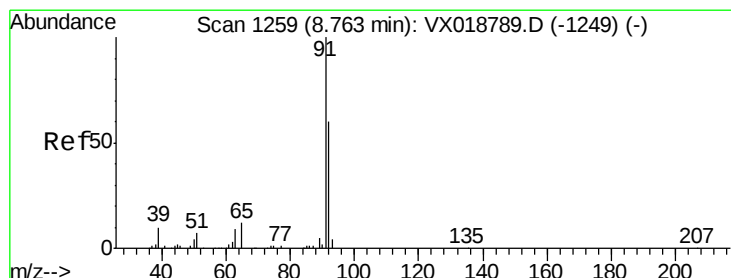
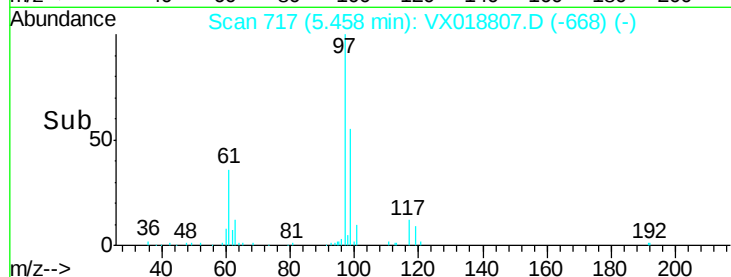
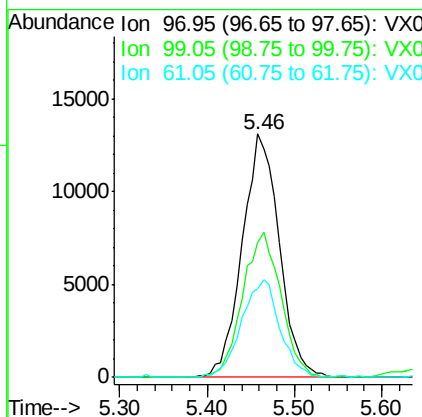
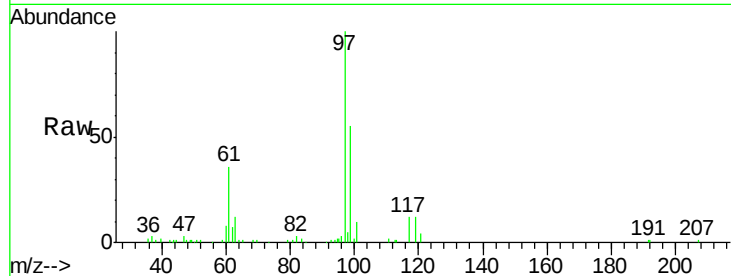




#29
 1,1,1-Trichloroethane
 Concen: 3.079 ug/L
 RT: 5.46 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: VX018807.D
 Acq: 06 Oct 2020 18:30

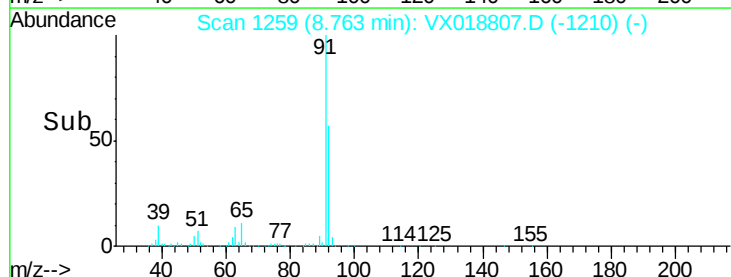
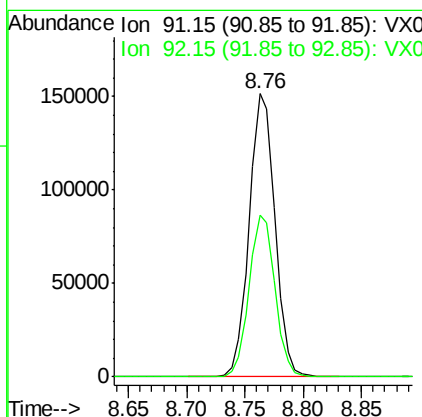
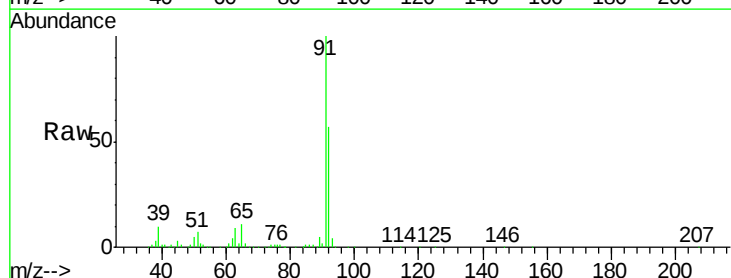
Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N6DL2

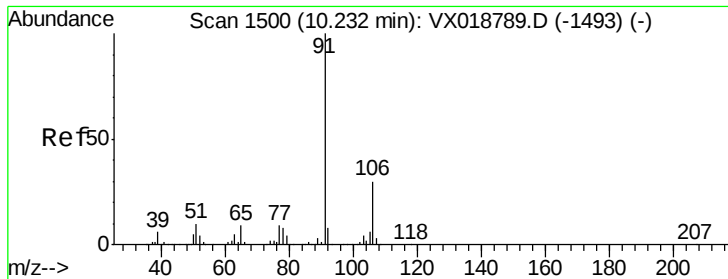
Tot Ion: 97 Resp: 38613
 Ion Ratio Lower Upper
 97 100
 99 61.7 51.3 76.9
 61 41.4 33.3 49.9



#42
 Toluene
 Concen: 9.683 ug/L
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX018807.D
 Acq: 06 Oct 2020 18:30

Tgt Ion: 91 Resp: 235215
 Ion Ratio Lower Upper
 91 100
 92 57.1 40.3 74.9





#54

Ethylbenzene

Concen: 0.084 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018807.D

Acq: 06 Oct 2020 18:30

Instrument :

MSVOA_X

ClientSampled :

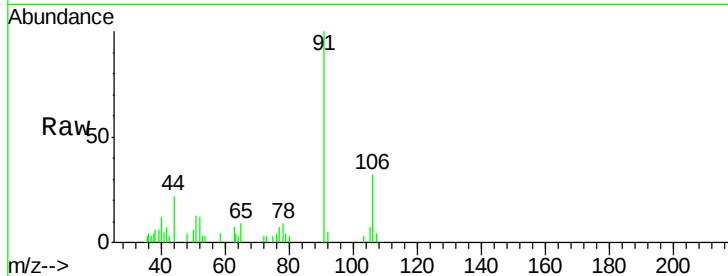
BG3N6DL2

Tot Ion: 91 Resp: 2296

Ion Ratio Lower Upper

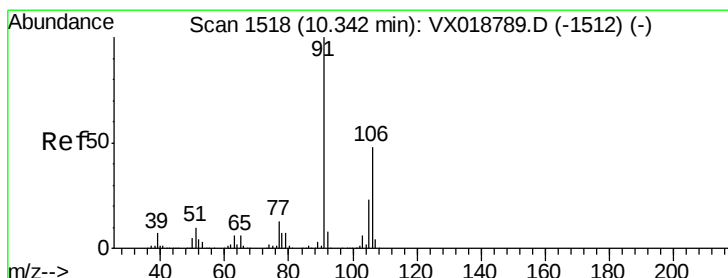
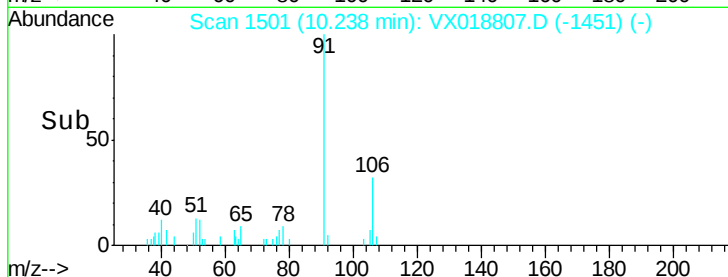
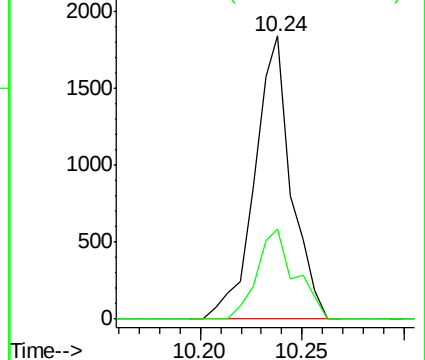
91 100

106 31.7 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 0.216 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018807.D

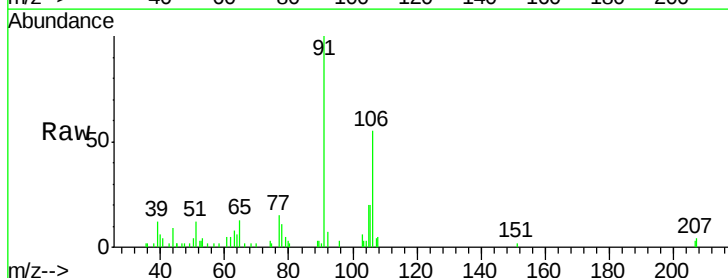
Acq: 06 Oct 2020 18:30

Tgt Ion: 106 Resp: 2296

Ion Ratio Lower Upper

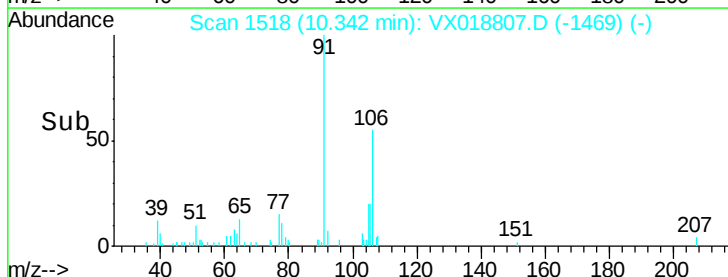
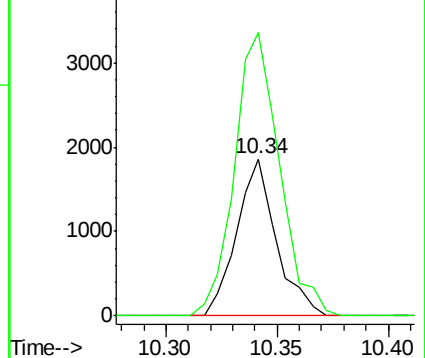
106 100

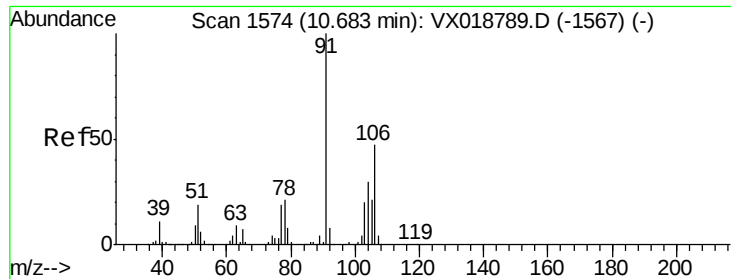
91 180.7 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#56
o-xylene
Concen: 0.176 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018807.D
Acq: 06 Oct 2020 18:30

Instrument :
MSVOA_X
ClientSampleId :
BG3N6DL2

Tot Ion:106 Resp: 1728
Ion Ratio Lower Upper
106 100
91 218.0 153.4 284.8

