

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003813.D
 Acq On : 18 Dec 2020 12:02
 Operator : SY/MD
 Sample : L5134-01
 Misc : 5.60G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BFN58

Manual Integrations
 APPROVED

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 12/21/2020 1:38:27 PM

Quant Time: Dec 19 00:39:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM121420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 00:17:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	246958	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	189587	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	58915	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	78136	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.76%
7) Chloroethane-d5	2.77	69	61487	24.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.88%
10) 1,1-Dichloroethene-d2	3.86	63	105912	14.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.84%
20) 2-Butanone-d5	6.90	46	38034	25.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	51.80%
24) Chloroform-d	7.49	84	140674	21.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.72%
26) 1,2-Dichloroethane-d4	8.15	65	73090	20.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.60%
29) Benzene-d6	8.12	84	314529	28.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.64%
33) 1,2-Dichloropropane-d6	9.12	67	89195	26.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.44%
37) Toluene-d8	10.18	98	265238	26.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.84%
38) trans-1,3-Dichloropropene-	10.44	79	36359	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.32%
39) 2-Hexanone-d5	10.79	63	30689	32.57	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.14%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	56773	19.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.04%
61) 1,2-Dichlorobenzene-d4	13.72	152	53034	25.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.24%

Target Compounds					Ovalue	
16) Methylene chloride	4.73	84	5754m	1.298	ug/L	
47) Tetrachloroethene	10.72	164	1993	0.774	ug/L	97
53) Ethylbenzene	11.59	91	7434	0.531	ug/L	93
54) m,p-Xylene	11.70	106	12748	2.361	ug/L	89
55) o-xylene	12.03	106	5626	1.110	ug/L	99

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

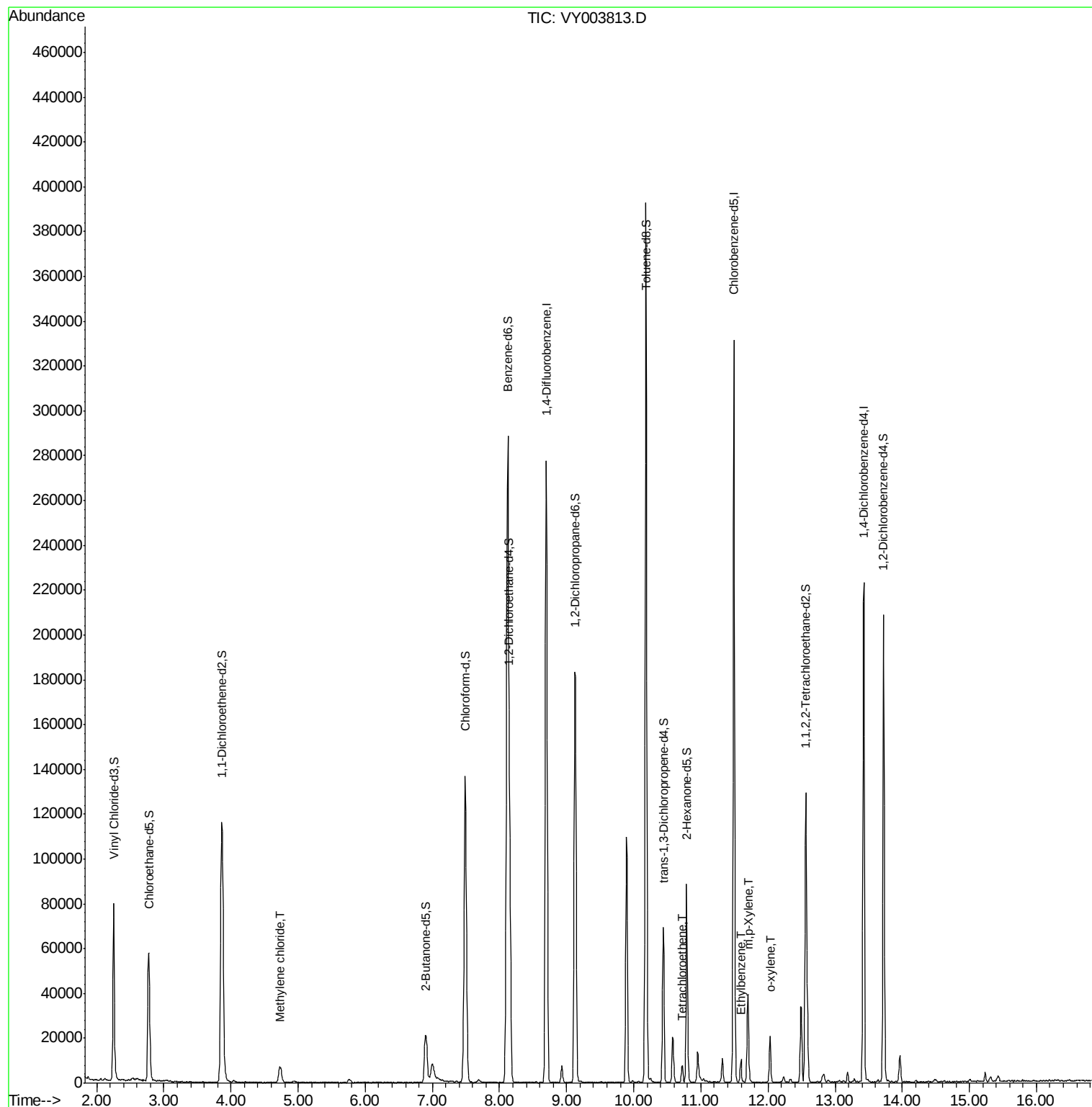
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
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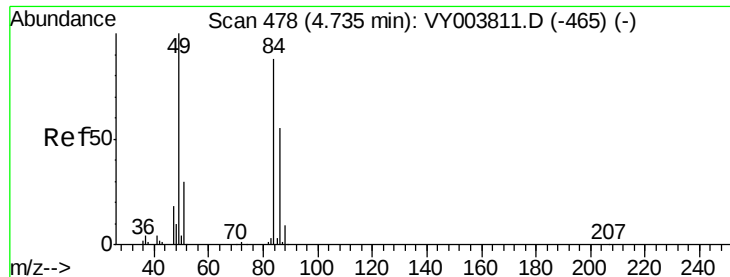
Instrument :
MSVOA_Y
ClientSampleId :
BFN58

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Quant Title : VOC Analysis
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Response via : Initial Calibration





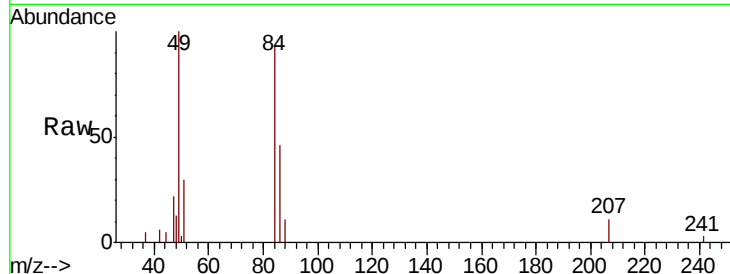
#16
Methylene chloride
Concen: 1.298 ug/L m
RT: 4.73 min Scan# 477
Delta R.T. -0.01 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Instrument :
MSVOA_Y
ClientSampleId :
BFN58

Tot Ion	Ratio	Lower	Upper
84	100		
49	107.6	88.2	163.8
86	49.5	43.0	79.8

Manual Integrations
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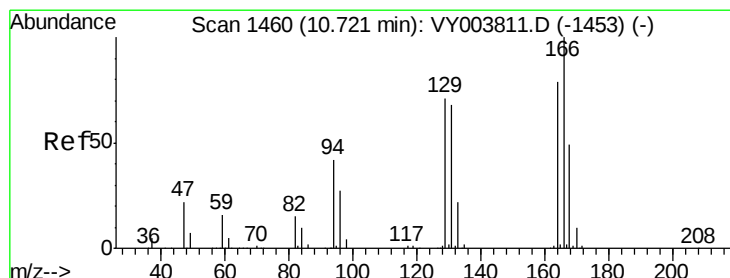
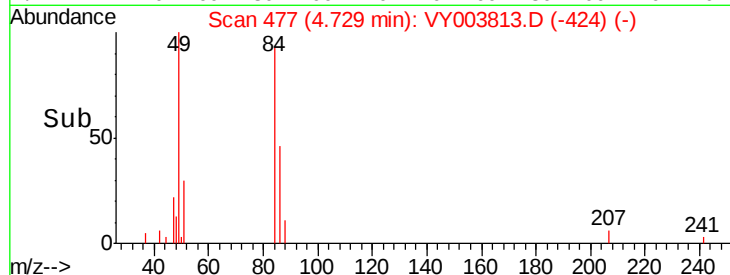
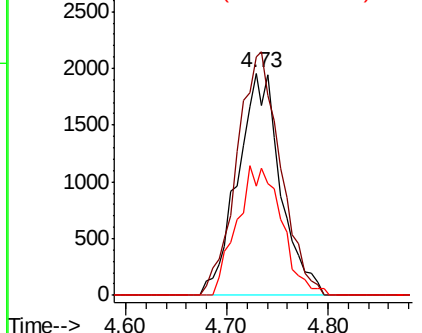


Abundance

Ion 84.00 (83.70 to 84.70): VY003813.D (-465) (-)

Ion 49.00 (48.70 to 49.70): VY003813.D (-465) (-)

Ion 86.00 (85.70 to 86.70): VY003813.D (-465) (-)



#47
Tetrachloroethene
Concen: 0.774 ug/L
RT: 10.72 min Scan# 1460
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
129	85.3	61.3	113.9
131	78.2	60.4	112.2
166	125.6	87.8	163.0

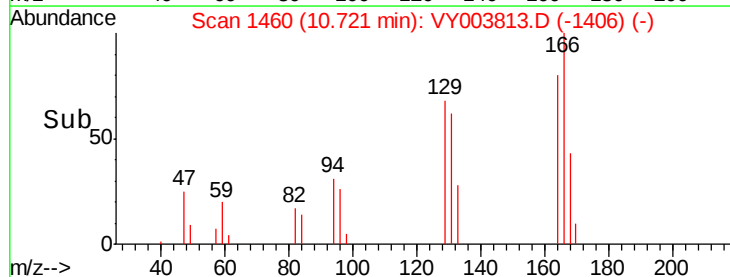
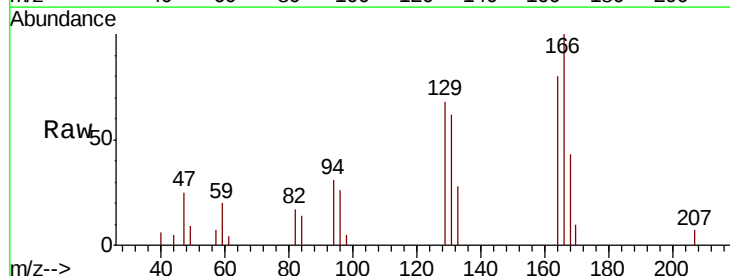
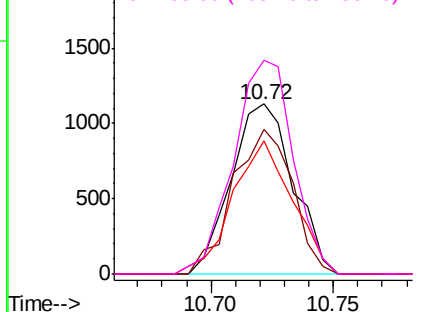
Abundance

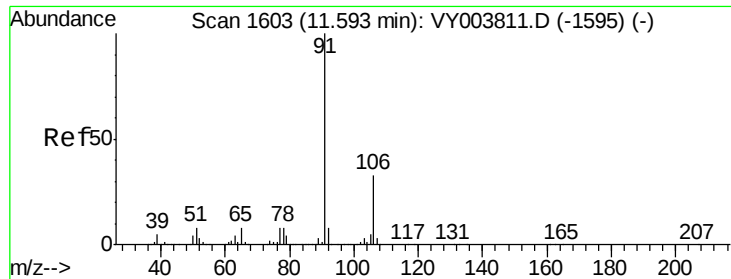
Ion 164.00 (163.70 to 164.70): VY003813.D (-1406) (-)

Ion 129.00 (128.70 to 129.70): VY003813.D (-1406) (-)

Ion 131.00 (130.70 to 131.70): VY003813.D (-1406) (-)

Ion 166.00 (165.70 to 166.70): VY003813.D (-1406) (-)





#53

Ethylbenzene

Concen: 0.531 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003813.D

Acq: 18 Dec 2020 12:02

Instrument :

MSVOA_Y

ClientSampleId :

BFN58

Tot Ion: 91 Resp: 7434

Ion Ratio Lower Upper

91 100

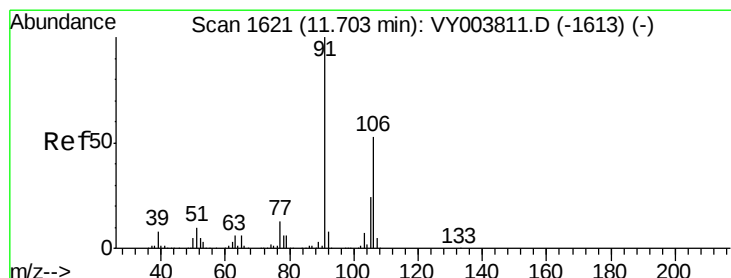
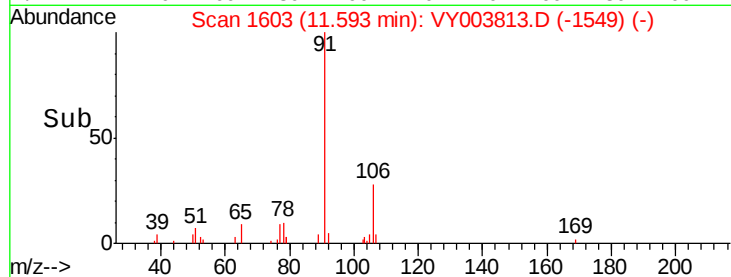
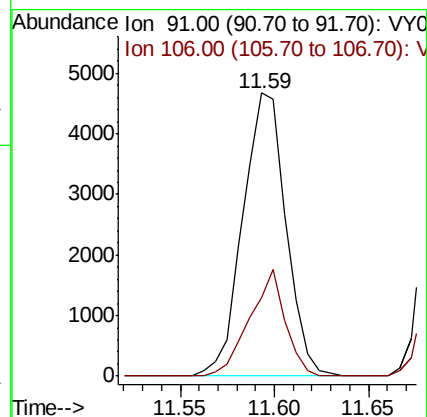
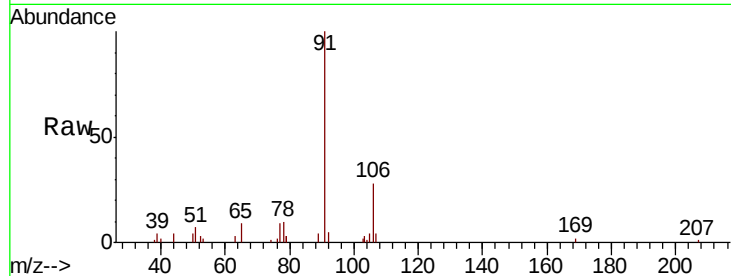
106 27.8 22.0 41.0

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#54

m,p-Xylene

Concen: 2.361 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VY003813.D

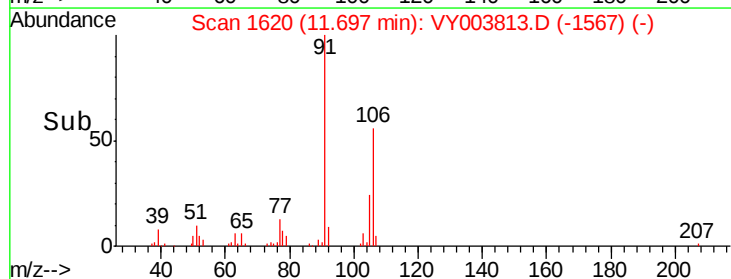
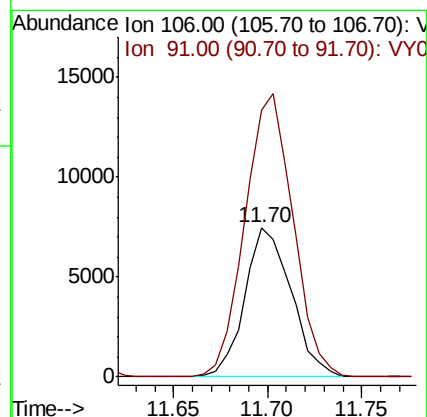
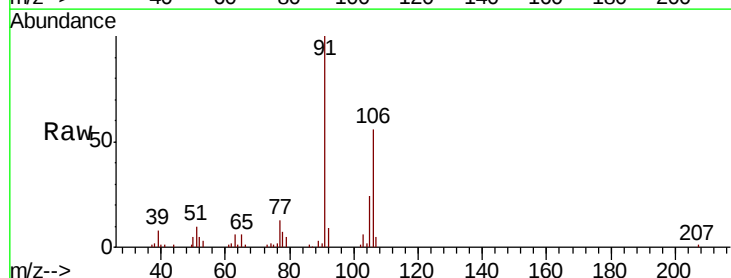
Acq: 18 Dec 2020 12:02

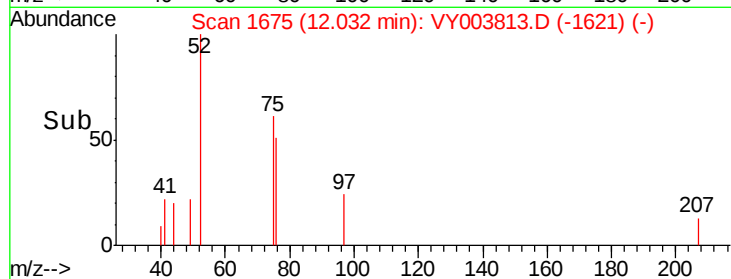
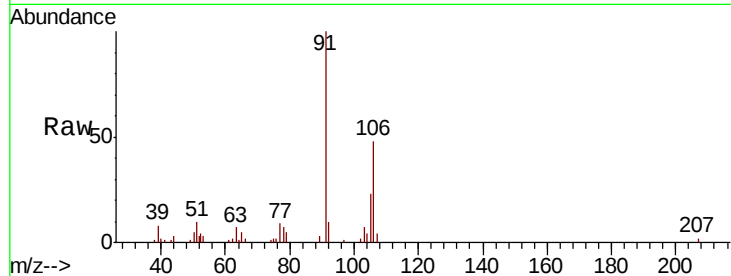
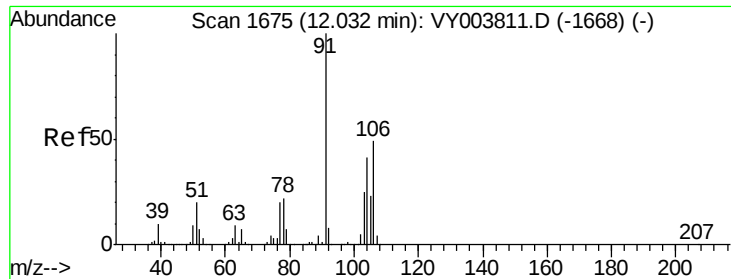
Tgt Ion: 106 Resp: 12748

Ion Ratio Lower Upper

106 100

91 179.0 136.4 253.4





#55
o-xylene
Concen: 1.110 ug/L
RT: 12.03 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VY003813.D
Acq: 18 Dec 2020 12:02

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	206.2	5626	145.5	270.1

Instrument :
MSVOA_Y
ClientSampleId :
BFN58

Manual Integrations
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