

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
 Data File : VY003818.D
 Acq On : 18 Dec 2020 15:02
 Operator : SY/MD
 Sample : L5151-05
 Misc : 5.16G/10ML/MSVOA Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C0AE7

Manual Integrations
 APPROVED

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 12/21/2020 1:38:30 PM

Quant Time: Dec 19 00:55:57 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	209158	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	174131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	60664	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	63554	22.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.08%
7) Chloroethane-d5	2.77	69	52665	24.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.00%
10) 1,1-Dichloroethene-d2	3.86	63	87338	14.56	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.24%
20) 2-Butanone-d5	6.90	46	33455	26.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.80%
24) Chloroform-d	7.49	84	116601	21.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.88%
26) 1,2-Dichloroethane-d4	8.15	65	62153	20.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.96%
29) Benzene-d6	8.12	84	257919	25.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.36%
33) 1,2-Dichloropropane-d6	9.12	67	75531	24.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.28%
37) Toluene-d8	10.18	98	224899	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.44	79	31662	20.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.80%
39) 2-Hexanone-d5	10.79	63	27074	31.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.56%
48) 1,1,1,2,2-Tetrachloroethane-	12.56	84	52691	19.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.80%
61) 1,2-Dichlorobenzene-d4	13.72	152	54407	24.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.88%

Target Compounds

					Ovalue
13) Acetone	3.95	43	2318	2.703 ug/L	74
16) Methylene chloride	4.73	84	11755m	3.131 ug/L	
44) Toluene	10.25	91	13530	1.150 ug/L	97
54) m,p-Xylene	11.70	106	2649	0.534 ug/L	79
55) o-xylene	12.03	106	1170	0.251 ug/L	83

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

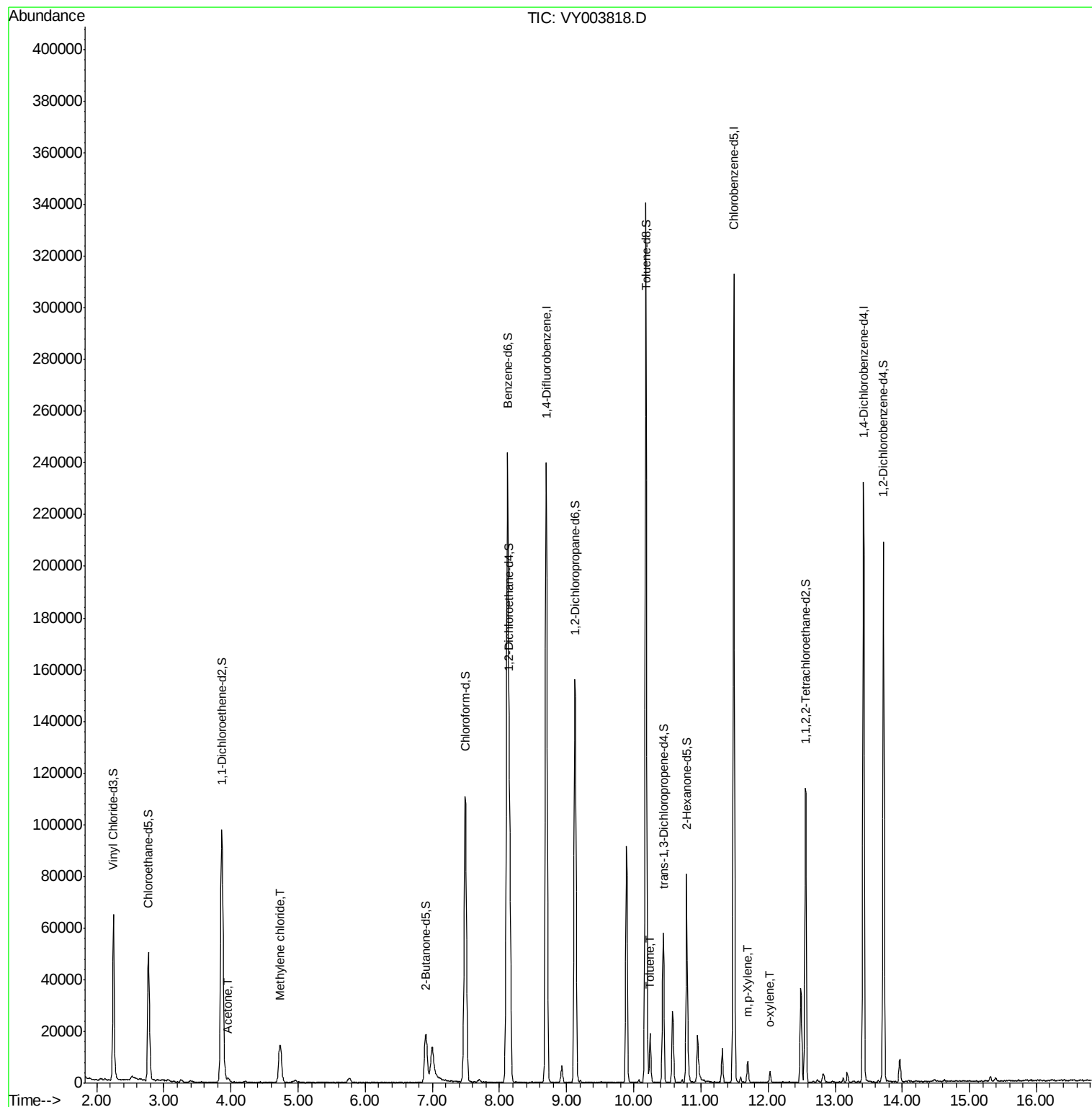
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY121820\
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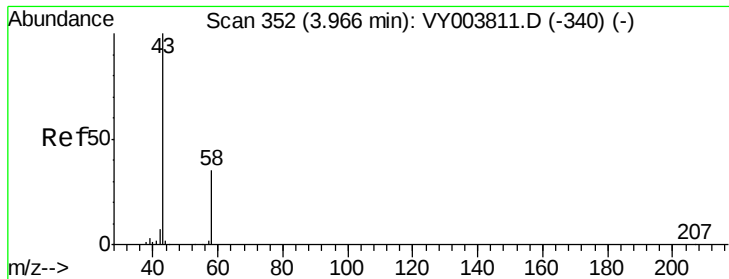
Instrument :
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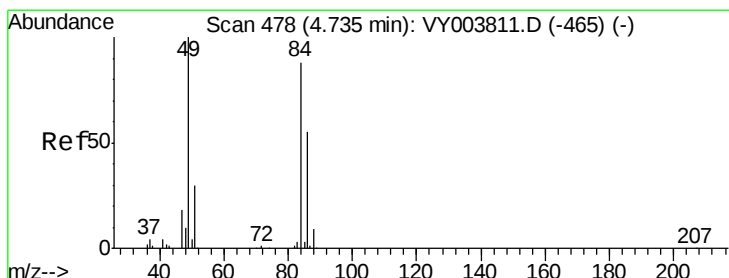
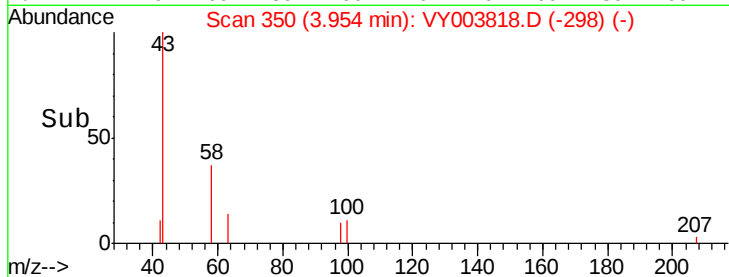
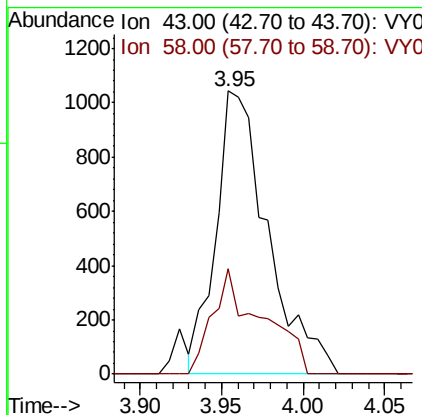
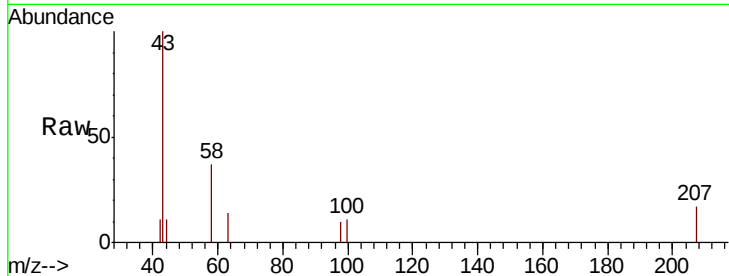
#13
Acetone
Concen: 2.703 ug/L
RT: 3.95 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003818.D
Acq: 18 Dec 2020 15:02

Instrument :
MSVOA_Y
ClientSampleId :
C0AE7

Tot Ion: 43 Resp: 2318
Ion Ratio Lower Upper
43 100
58 17.9 0.0 65.4

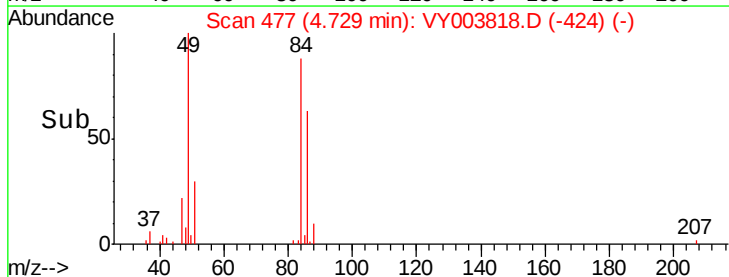
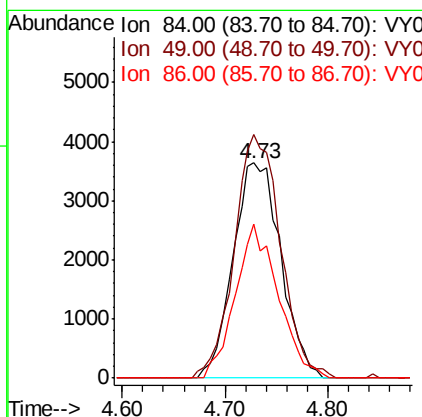
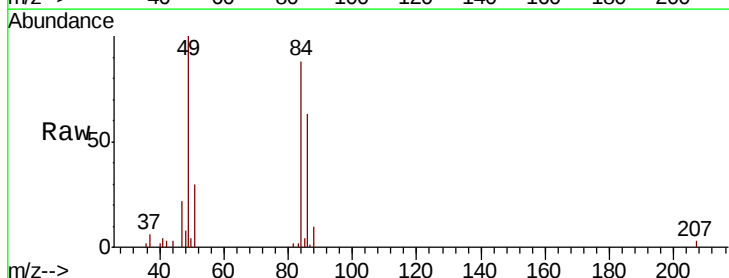
Manual Integrations
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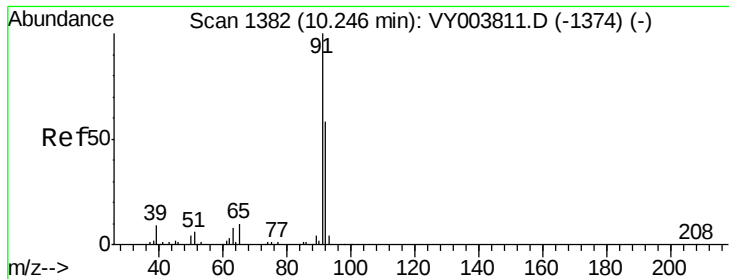
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#16
Methylene chloride
Concen: 3.131 ug/L m
RT: 4.73 min Scan# 477
Delta R.T. -0.01 min
Lab File: VY003818.D
Acq: 18 Dec 2020 15:02

Tgt Ion: 84 Resp: 11755
Ion Ratio Lower Upper
84 100
49 113.1 88.2 163.8
86 71.4 43.0 79.8





#44

Toluene

Concen: 1.150 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VY003818.D

Acq: 18 Dec 2020 15:02

Instrument :

MSVOA_Y

ClientSampled :

C0AE7

Tot Ion: 91 Resp: 13530

Ion Ratio Lower Upper

91 100

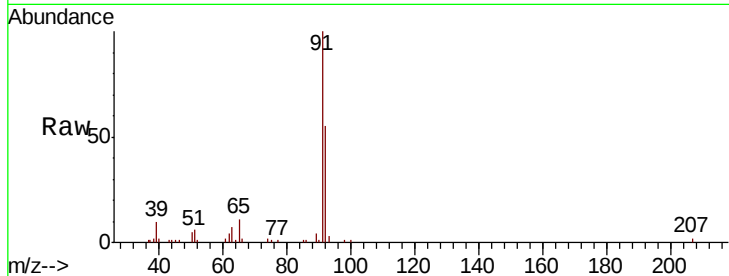
92 54.8 39.9 74.1

Manual Integrations

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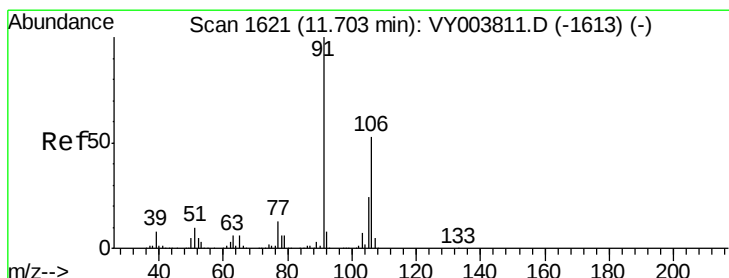
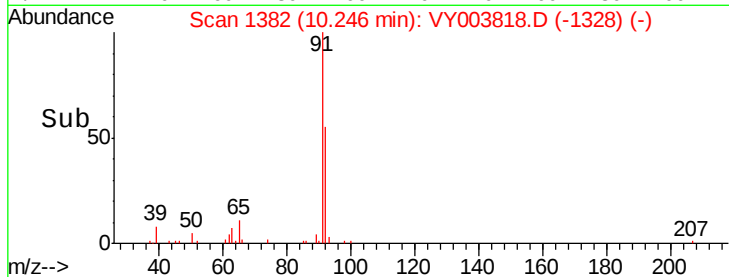
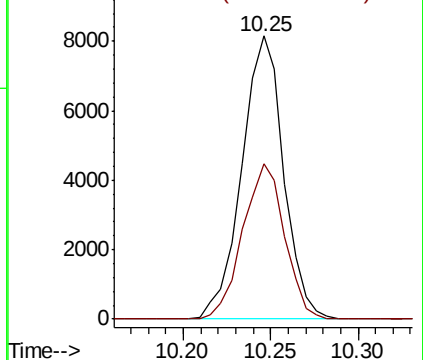
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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 92.00 (91.70 to 92.70): VY0



#54

m,p-Xylene

Concen: 0.534 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VY003818.D

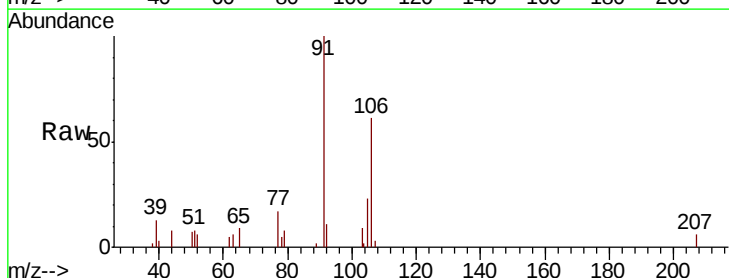
Acq: 18 Dec 2020 15:02

Tgt Ion: 106 Resp: 2649

Ion Ratio Lower Upper

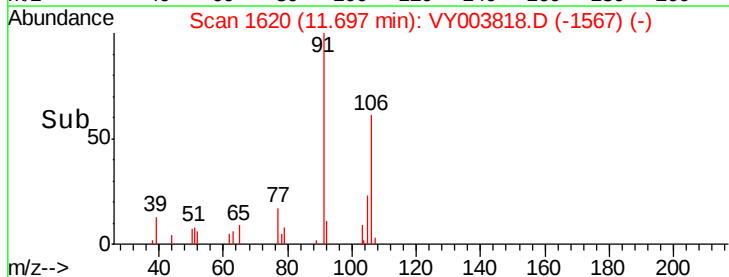
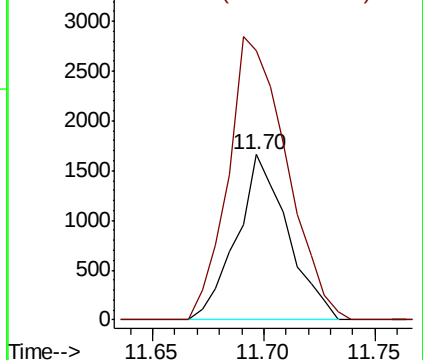
106 100

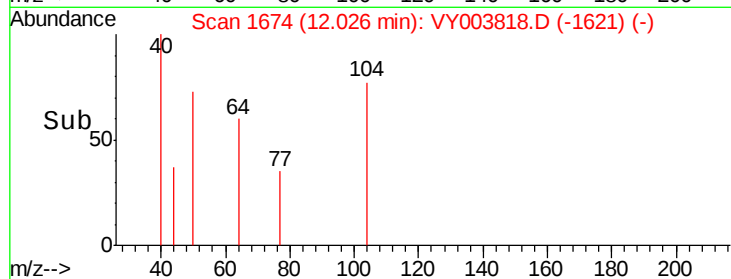
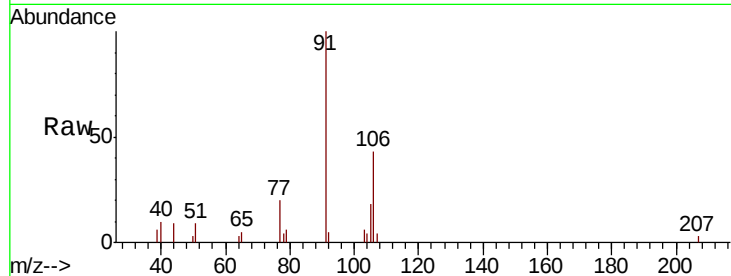
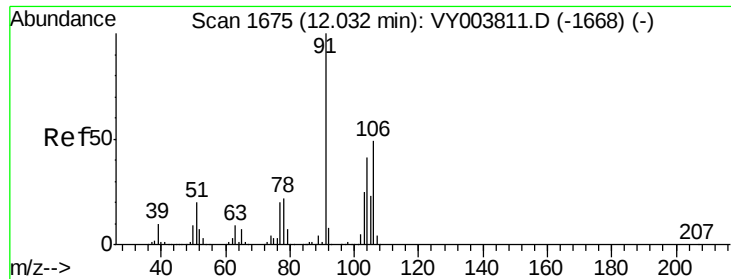
91 163.3 136.4 253.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





#55
o-xylene
Concen: 0.251 ug/L
RT: 12.03 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VY003818.D
Acq: 18 Dec 2020 15:02

Tot Ion	Ratio	Lower	Upper
106	100		
91	233.7	145.5	270.1

Instrument :
MSVOA_Y
ClientSampleId :
C0AE7

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