

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
 Data File : VY003703.D
 Acq On : 09 Dec 2020 16:11
 Operator : SY/MD
 Sample : L4979-12
 Misc : 6.42G/10ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GB1G2

Manual Integrations
 APPROVED

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 12/11/2020 12:25:26 PM

Quant Time: Dec 10 03:42:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 10 02:27:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	85152	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	72902	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.43	152	23729	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	27434	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
7) Chloroethane-d5	2.77	69	22879	25.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.72%
10) 1,1-Dichloroethene-d2	3.86	63	43362	19.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.52%
20) 2-Butanone-d5	6.91	46	20336	47.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.74%
24) Chloroform-d	7.49	84	55386	25.28	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.12%
26) 1,2-Dichloroethane-d4	8.15	65	28988	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.04%
29) Benzene-d6	8.12	84	114349	27.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.36%
33) 1,2-Dichloropropane-d6	9.12	67	32952	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.52%
37) Toluene-d8	10.18	98	93508	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.88%
38) trans-1,3-Dichloropropene-	10.44	79	14407	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.79	63	15028	48.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.06%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	26135	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	13.72	152	21510	24.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.80%

Target Compounds

					Ovalue
13) Acetone	3.96	43	3075	9.772 ug/L	67
16) Methylene chloride	4.73	84	2971m	1.987 ug/L	
34) Benzene	8.17	78	2757	0.661 ug/L	100
36) Methylcyclohexane	9.20	83	1074	0.612 ug/L #	83
44) Toluene	10.25	91	9155	2.081 ug/L	93
53) Ethylbenzene	11.59	91	8468	1.764 ug/L	98
54) m,p-Xylene	11.70	106	949	0.512 ug/L	96
55) o-xylene	12.03	106	478	0.269 ug/L #	55

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

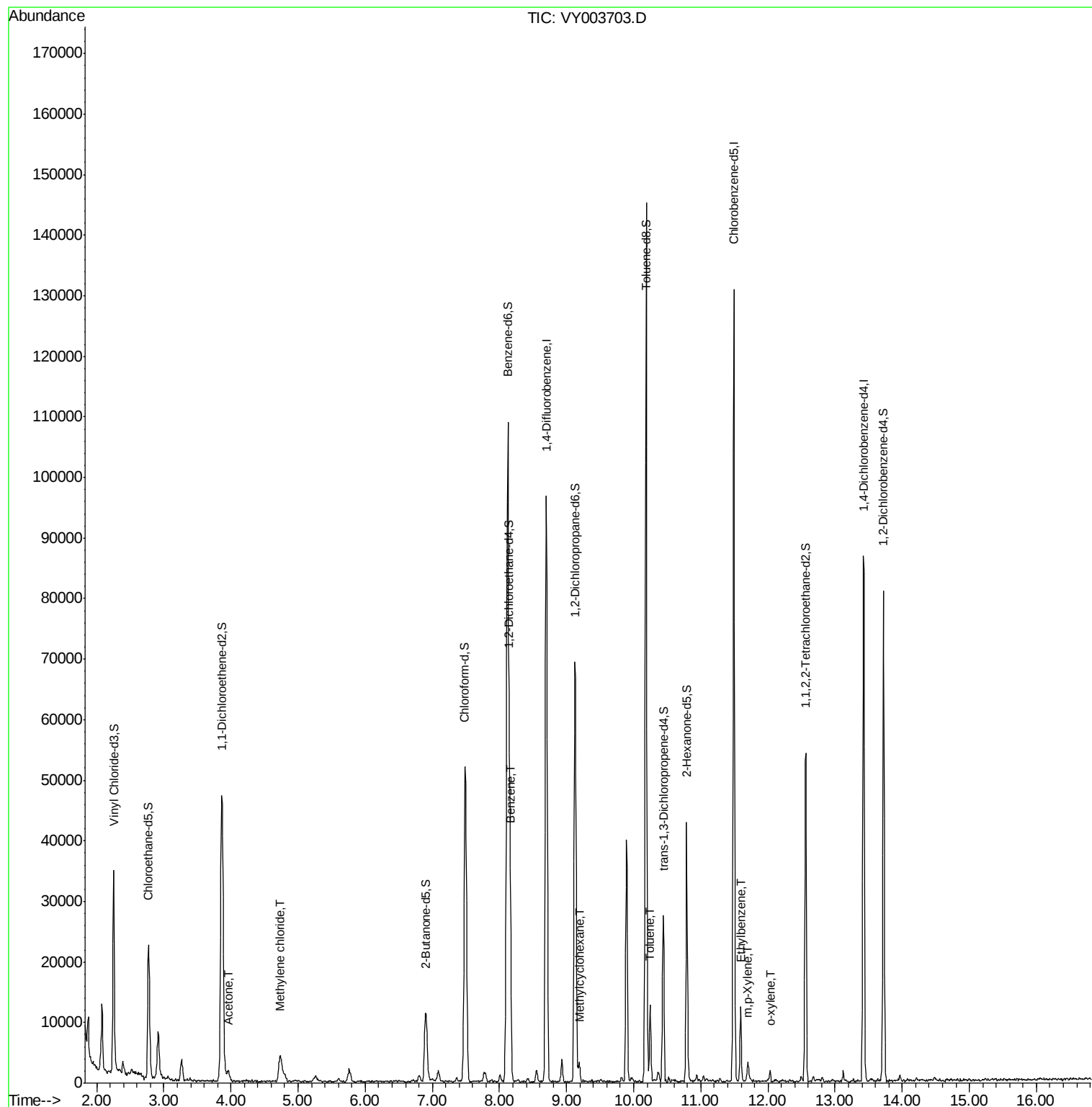
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120920\
Data File : VY003703.D
Acq On : 09 Dec 2020 16:11
Operator : SY/MD
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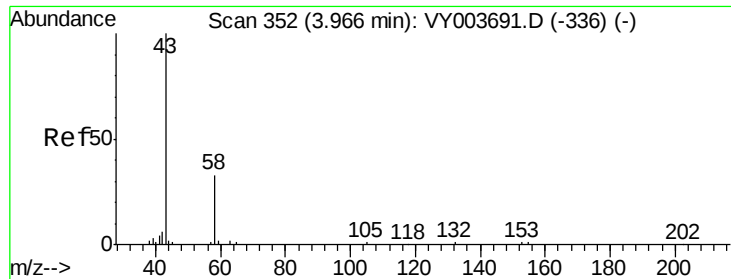
Instrument :
MSVOA_Y
ClientSampleId :
GB1G2

Quant Time: Dec 10 03:42:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 10 02:27:01 2020
Response via : Initial Calibration

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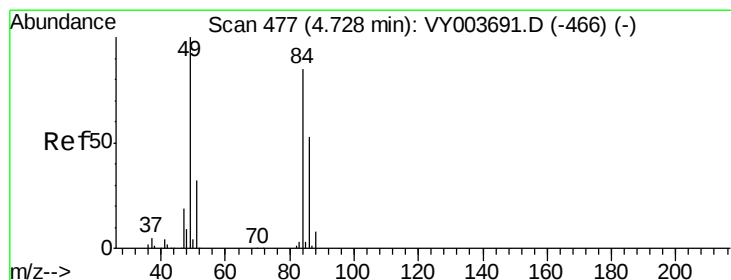
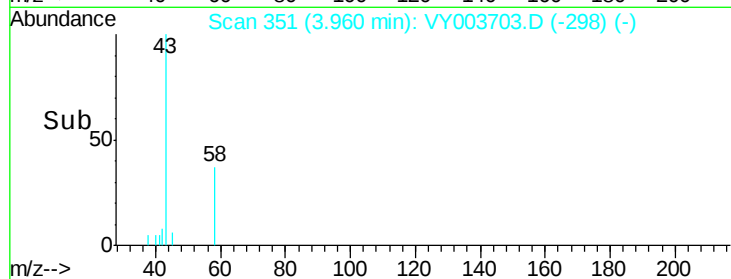
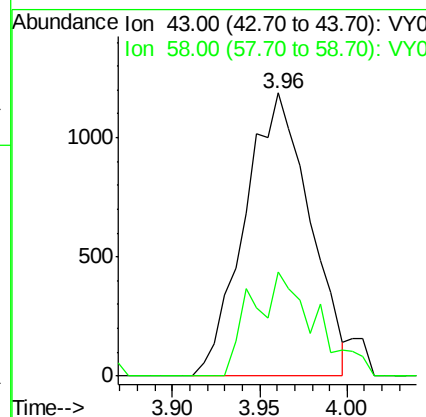
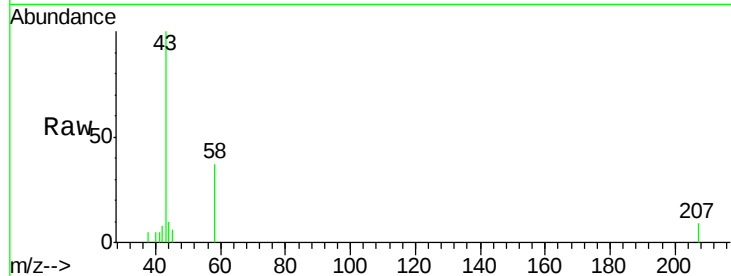
#13
Acetone
Concen: 9.772 ug/L
RT: 3.96 min Scan# 351
Delta R.T. -0.01 min
Lab File: VY003703.D
Acq: 09 Dec 2020 16:11

Instrument :
MSVOA_Y
ClientSampleId :
GB1G2

Tot Ion	Ratio	Lower	Upper
43	100		
58	15.5	0.0	68.8

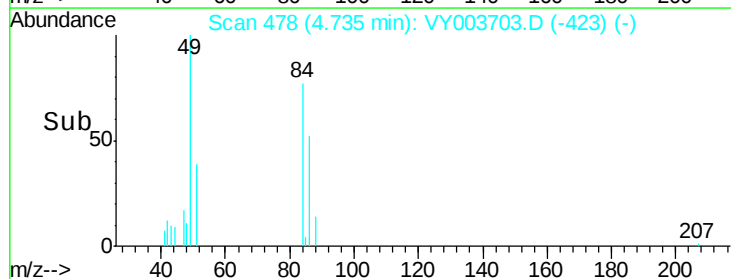
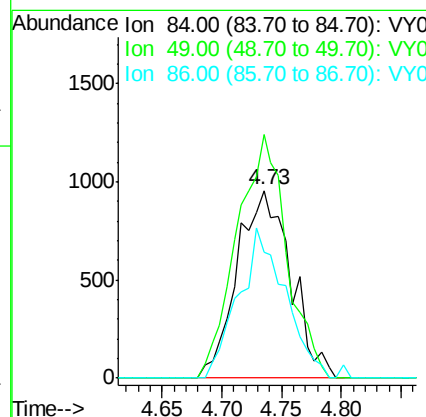
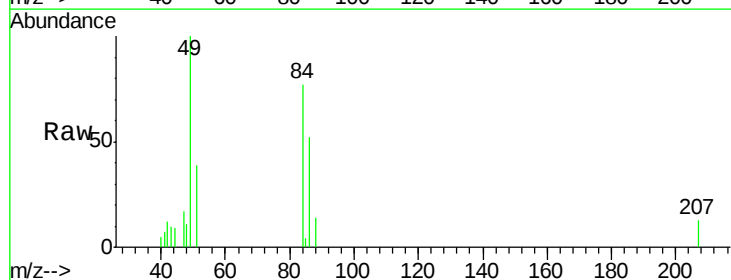
Manual Integrations
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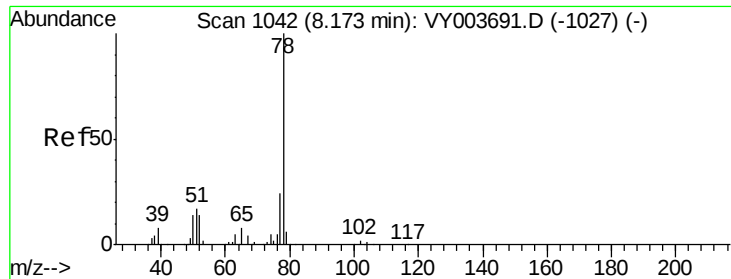
MMDadoda
12/11/2020 12:25:26 PM



#16
Methylene chloride
Concen: 1.987 ug/L m
RT: 4.73 min Scan# 478
Delta R.T. 0.01 min
Lab File: VY003703.D
Acq: 09 Dec 2020 16:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.6	83.7	155.4
86	66.8	45.0	83.6





#34

Benzene

Concen: 0.661 ug/L

RT: 8.17 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VY003703.D

Acq: 09 Dec 2020 16:11

Instrument :

MSVOA_Y

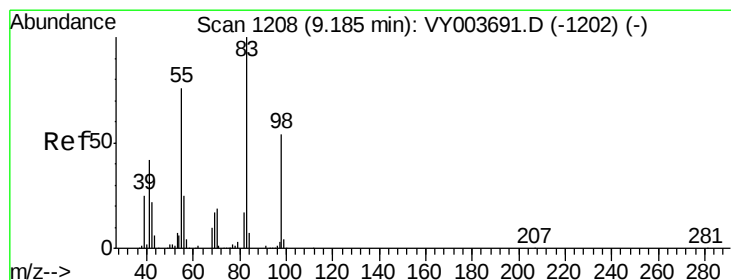
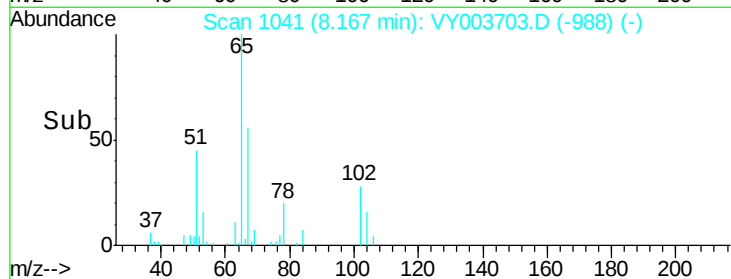
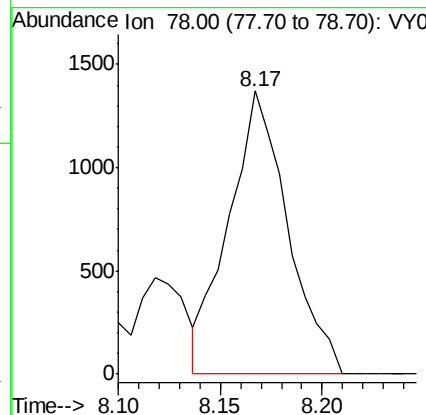
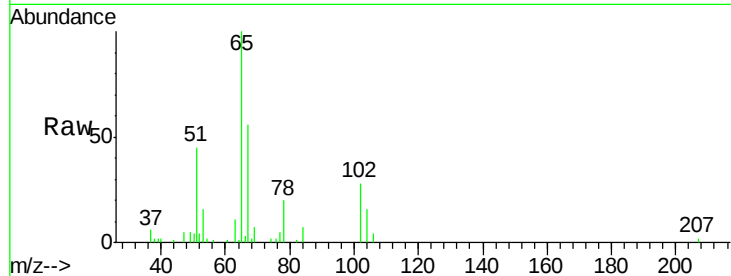
ClientSampleId :

GB1G2

Tgt Ion: 78 Resp: 2757

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#36

Methylcyclohexane

Concen: 0.612 ug/L

RT: 9.20 min Scan# 1210

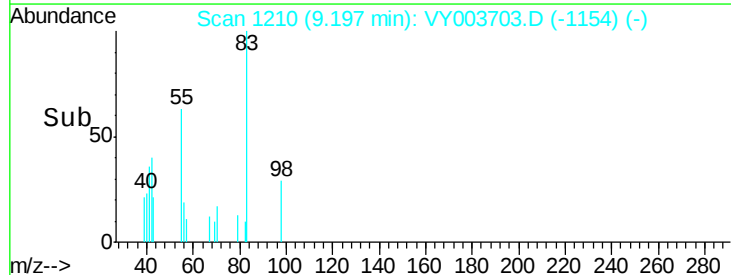
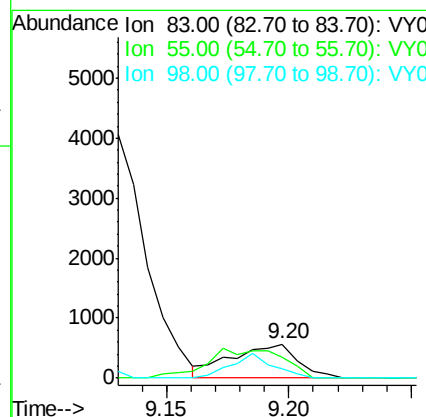
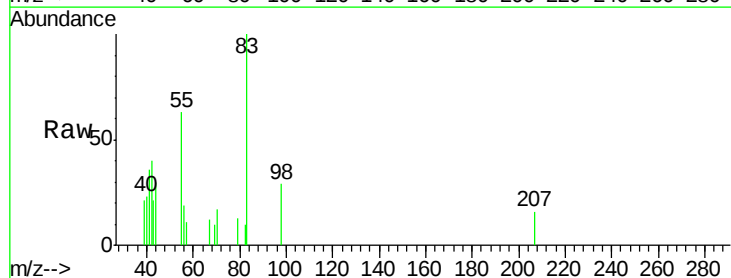
Delta R.T. 0.01 min

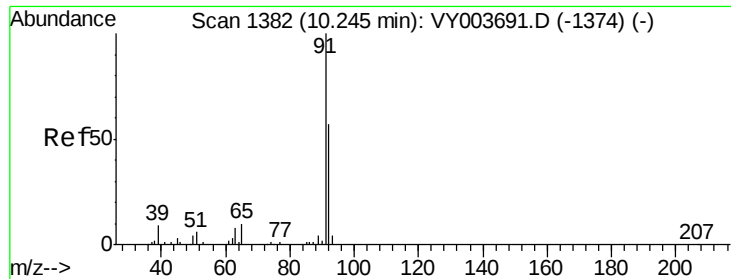
Lab File: VY003703.D

Acq: 09 Dec 2020 16:11

Tgt Ion: 83 Resp: 1074

Ion	Ratio	Lower	Upper
83	100		
55	50.6	56.4	84.6#
98	46.3	40.3	60.5





#44

Toluene

Concen: 2.081 ug/L

RT: 10.25 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VY003703.D

Acq: 09 Dec 2020 16:11

Instrument :

MSVOA_Y

ClientSampleId :

GB1G2

Tot Ion: 91 Resp: 9155

Ion Ratio Lower Upper

91 100

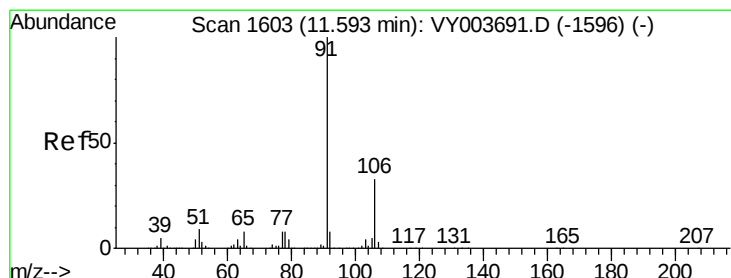
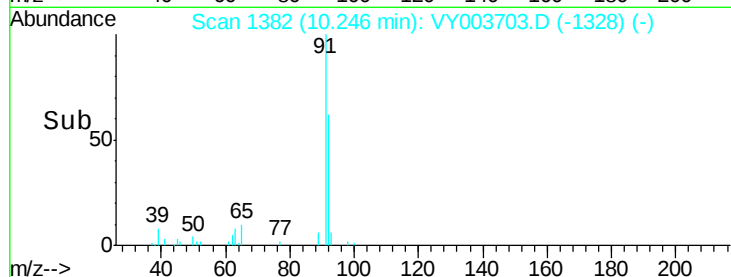
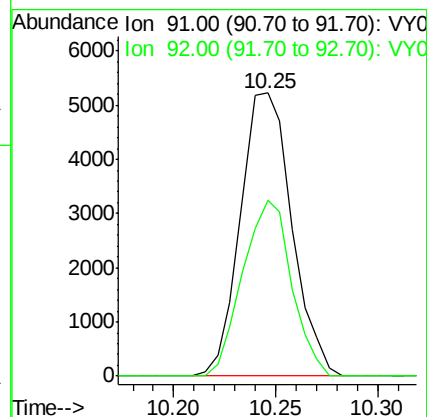
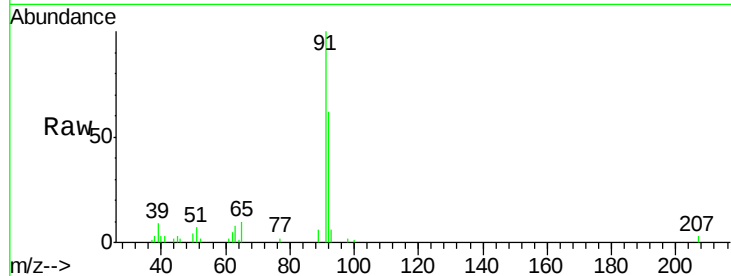
92 62.0 39.8 73.8

Manual Integrations

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#53

Ethylbenzene

Concen: 1.764 ug/L

RT: 11.59 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VY003703.D

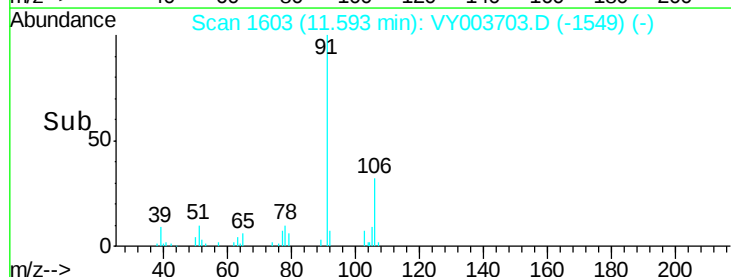
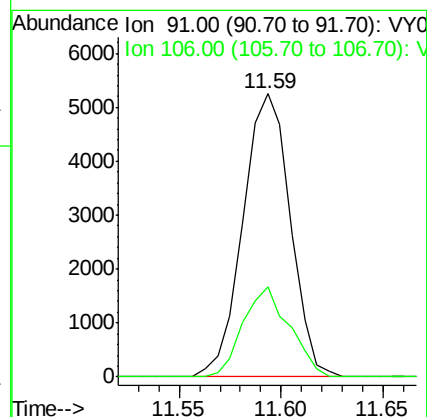
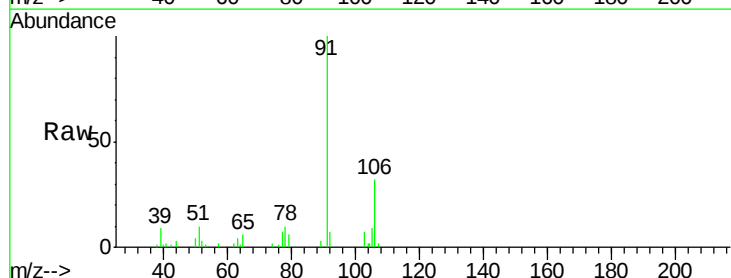
Acq: 09 Dec 2020 16:11

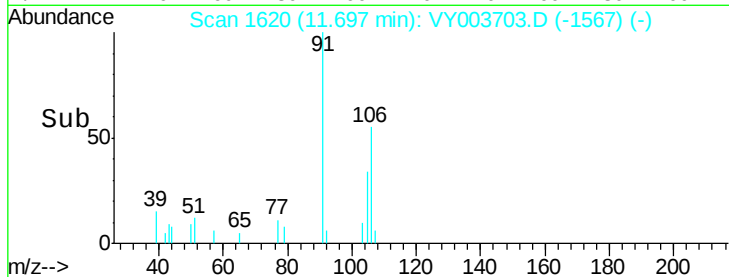
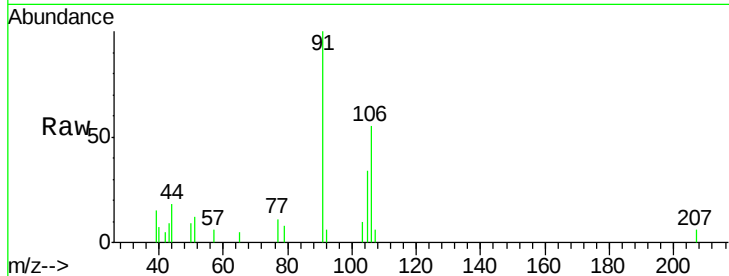
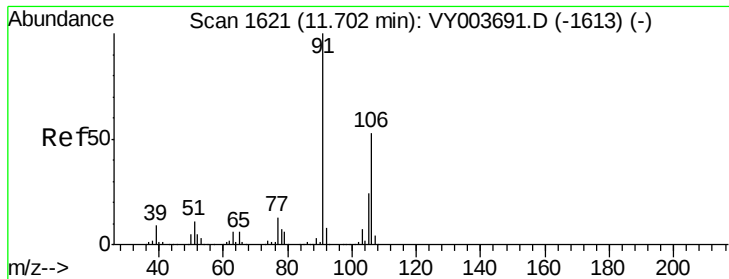
Tgt Ion: 91 Resp: 8468

Ion Ratio Lower Upper

91 100

106 32.0 23.3 43.3





#54

m,p-Xylene

Concen: 0.512 ug/L

RT: 11.70 min Scan# 1620

Delta R.T. -0.01 min

Lab File: VY003703.D

Acq: 09 Dec 2020 16:11

Tot Ion:106 Resp: 949

Ion Ratio Lower Upper

106 100

91 181.9 131.3 243.9

Instrument :

MSVOA_Y

ClientSampleId :

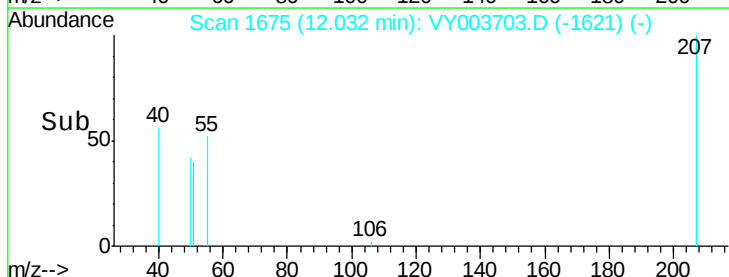
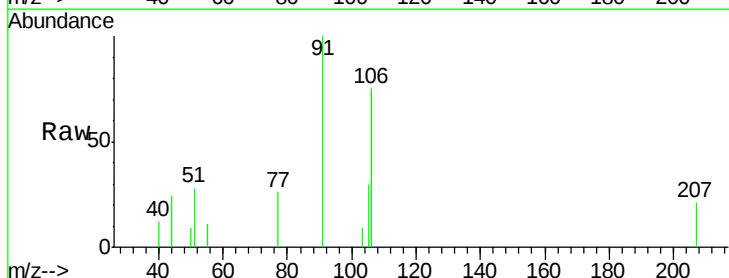
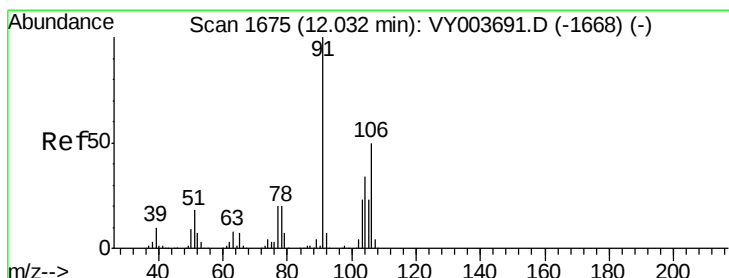
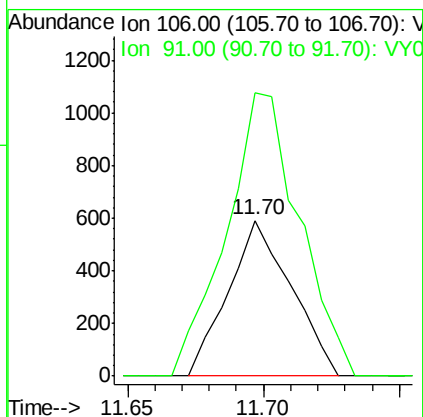
GB1G2

Manual Integrations

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12/11/2020 12:25:26 PM



#55

o-xylene

Concen: 0.269 ug/L

RT: 12.03 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VY003703.D

Acq: 09 Dec 2020 16:11

Tgt Ion:106 Resp: 478

Ion Ratio Lower Upper

106 100

91 133.1 141.7 263.3#

