

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019545.D
 Acq On : 13 Sep 2024 17:32
 Operator : SY/MD
 Sample : P3985-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Sep 13 23:35:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

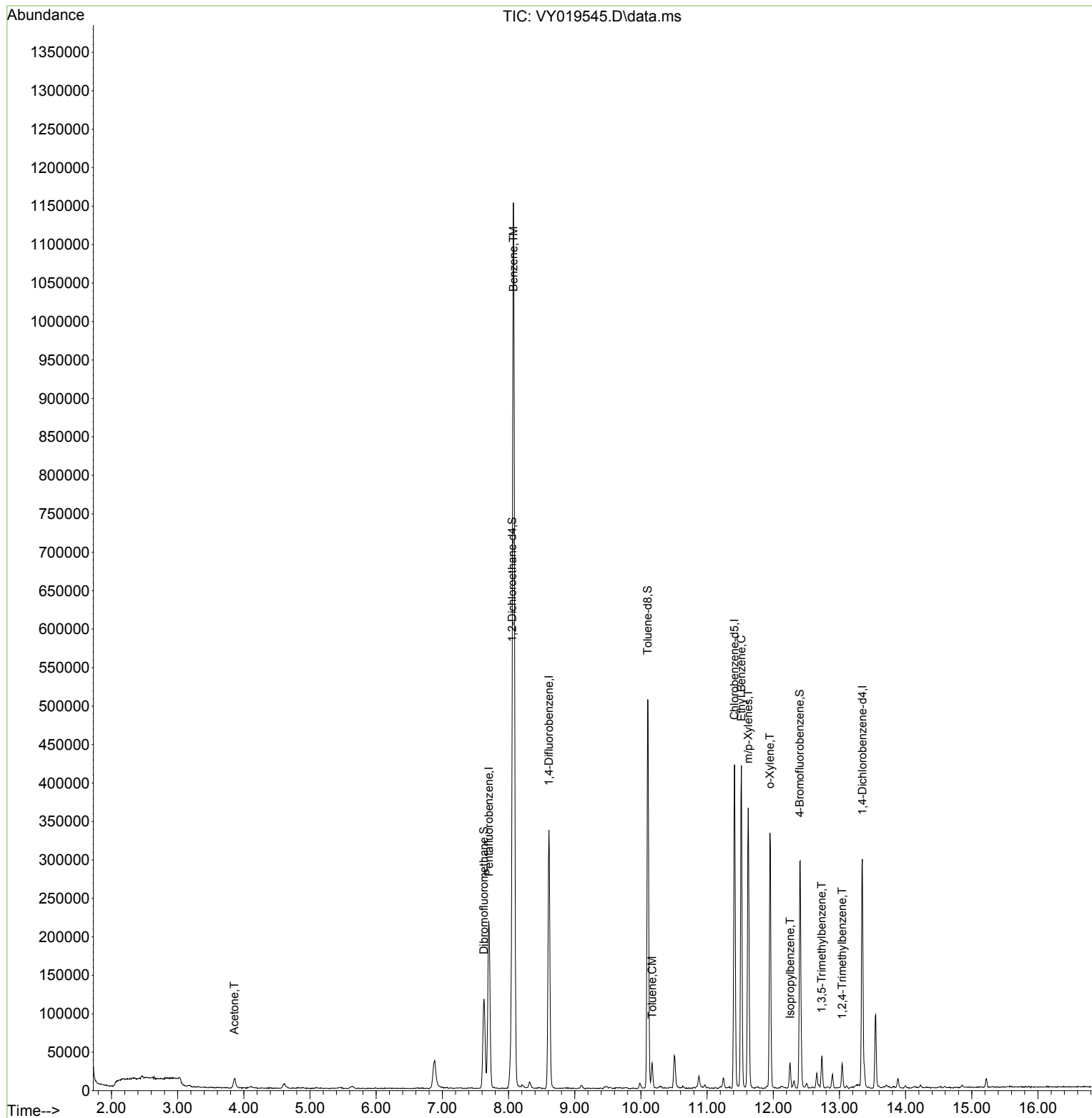
Internal Standards						
1) Pentafluorobenzene	7.701	168	163587	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	280961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	214428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	71330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	77730	51.314	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 102.620%		
35) Dibromofluoromethane	7.628	113	82872	52.023	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.040%		
50) Toluene-d8	10.103	98	318255	54.014	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.020%		
62) 4-Bromofluorobenzene	12.401	95	89594	39.546	ug/l	0.00
Spiked Amount	50.000	Range 29 - 146	Recovery	= 79.100%		
Target Compounds						
16) Acetone	3.854	43	21434	59.395	ug/l	# 79
40) Benzene	8.073	78	1102300	165.105	ug/l	99
52) Toluene	10.170	92	12892	3.002	ug/l	91
67) Ethyl Benzene	11.517	91	282143	37.646	ug/l	100
68) m/p-Xylenes	11.621	106	102914	36.316	ug/l	94
69) o-Xylene	11.950	106	83405	30.094	ug/l	92
73) Isopropylbenzene	12.255	105	16537	3.196	ug/l	98
80) 1,3,5-Trimethylbenzene	12.731	105	19062	4.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	16518	3.967	ug/l	96

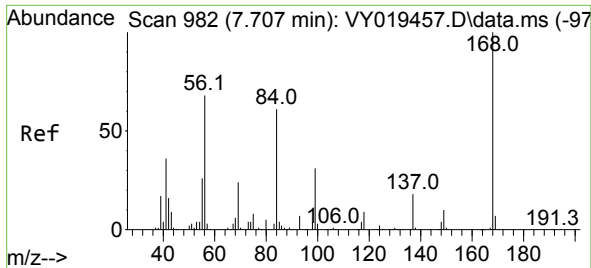
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
Data File : VY019545.D
Acq On : 13 Sep 2024 17:32
Operator : SY/MD
Sample : P3985-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Quant Time: Sep 13 23:35:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

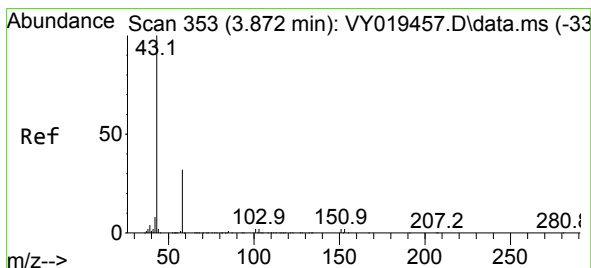
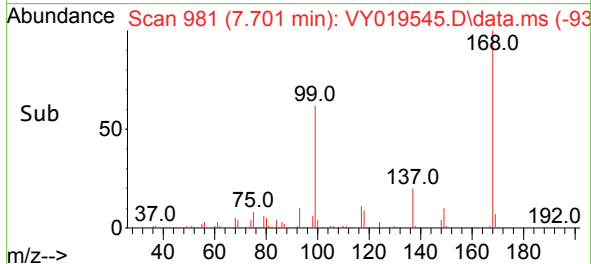
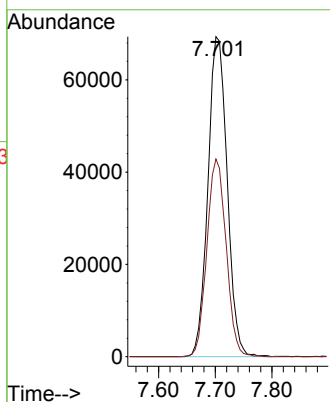
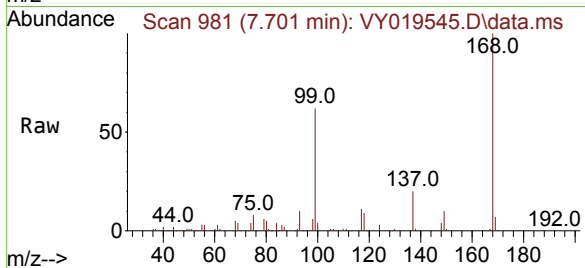




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

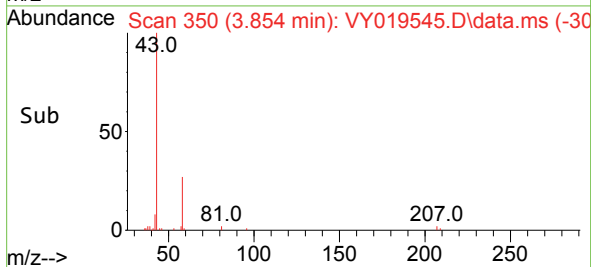
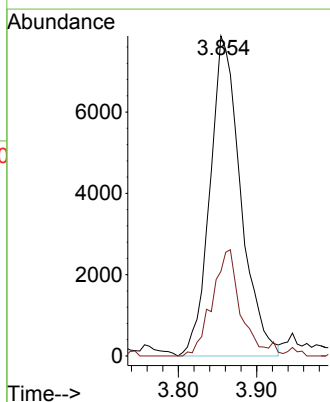
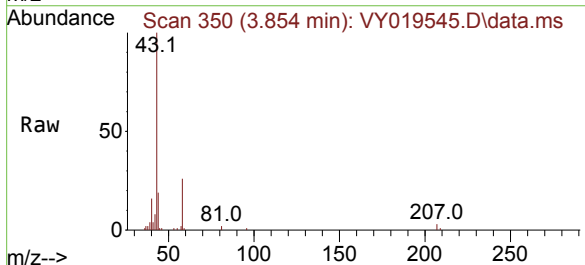
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

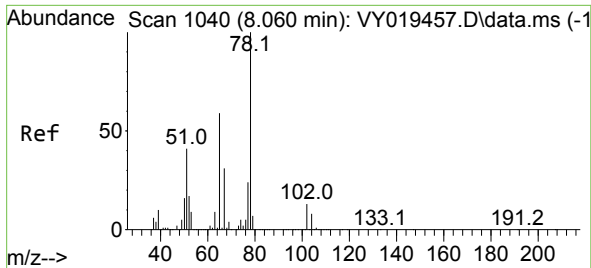
Tgt Ion:168 Resp: 163587
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#16
Acetone
Concen: 59.395 ug/l
RT: 3.854 min Scan# 350
Delta R.T. -0.018 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

Tgt Ion: 43 Resp: 21434
Ion Ratio Lower Upper
43 100
58 26.4 31.7 47.5#

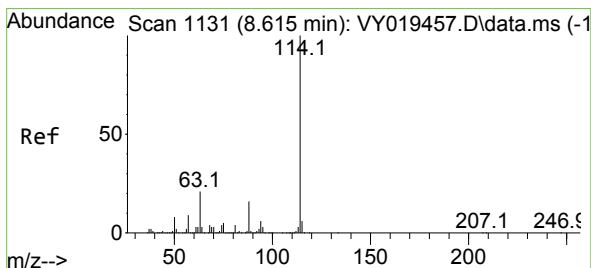
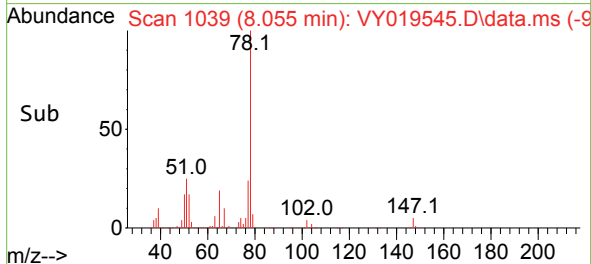
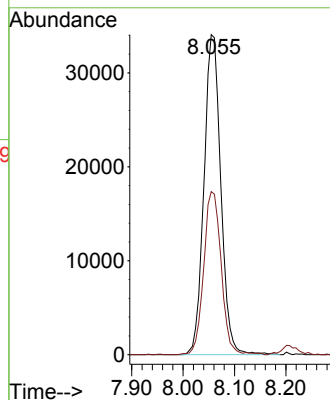
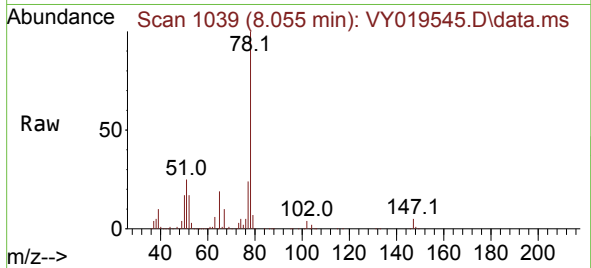




#33
1,2-Dichloroethane-d4
Concen: 51.314 ug/l
RT: 8.055 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

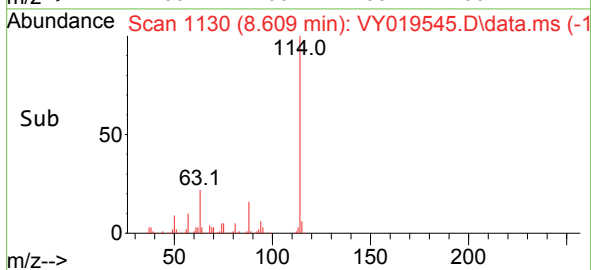
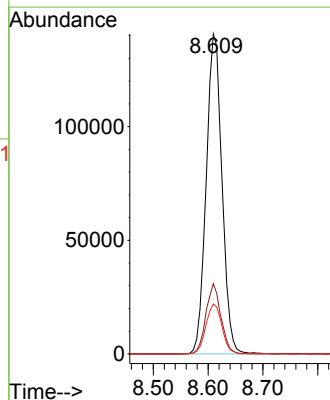
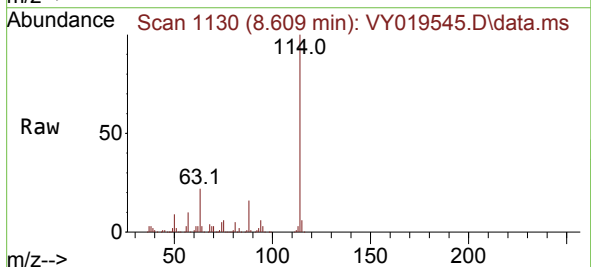
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

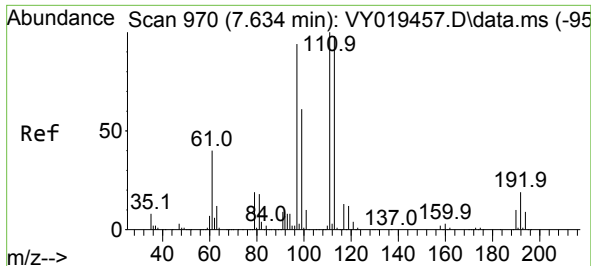
Tgt Ion: 65 Resp: 77730
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

Tgt Ion: 114 Resp: 280961
Ion Ratio Lower Upper
114 100
63 22.0 0.0 35.0
88 15.7 0.0 27.2

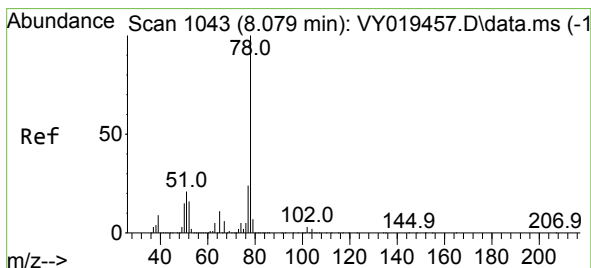
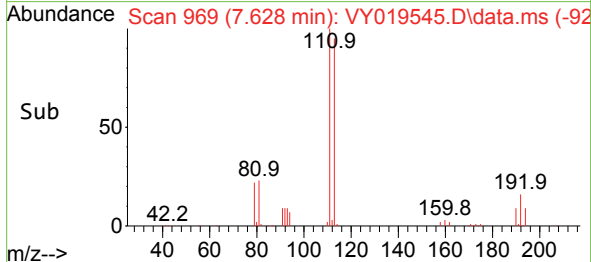
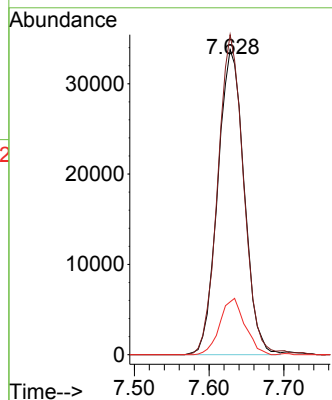
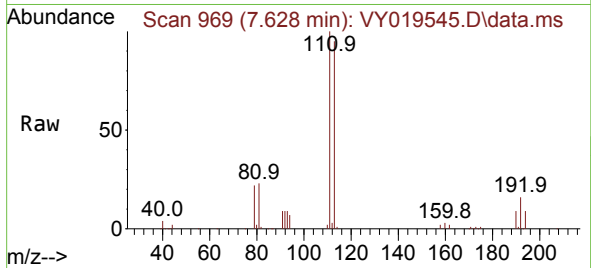




#35
Dibromofluoromethane
Concen: 52.023 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

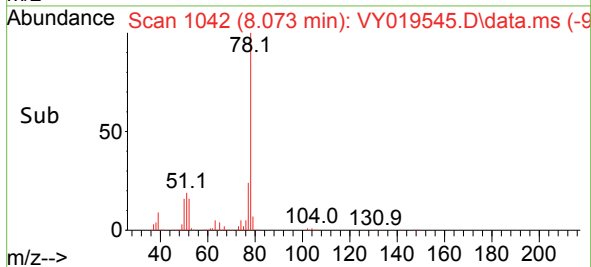
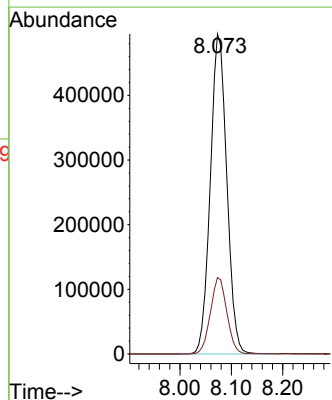
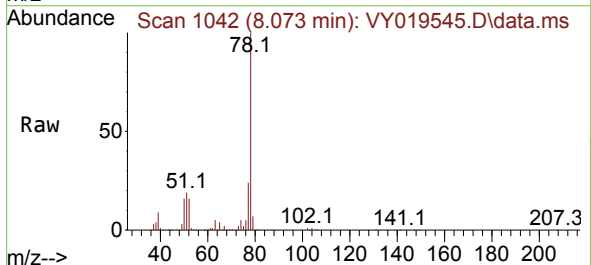
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

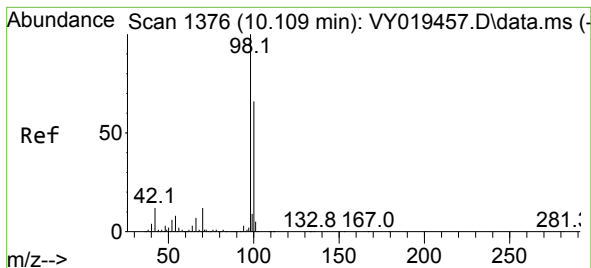
Tgt Ion:113 Resp: 82872
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.6 15.9 23.9



#40
Benzene
Concen: 165.105 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY019545.D
Acq: 13 Sep 2024 17:32

Tgt Ion: 78 Resp: 1102300
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3





#50

Toluene-d8

Concen: 54.014 ug/l

RT: 10.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

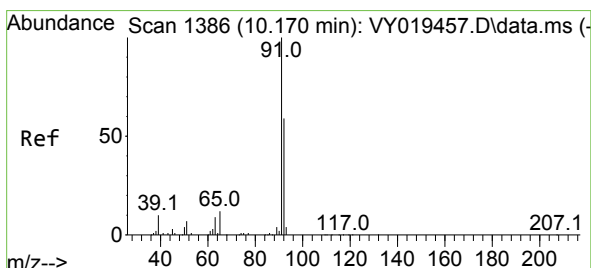
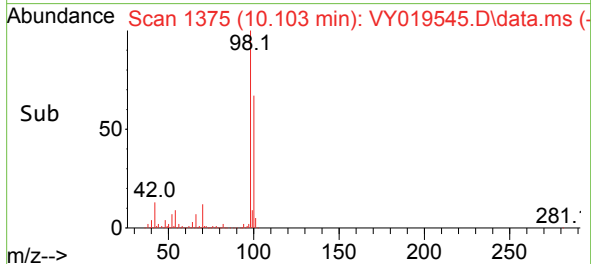
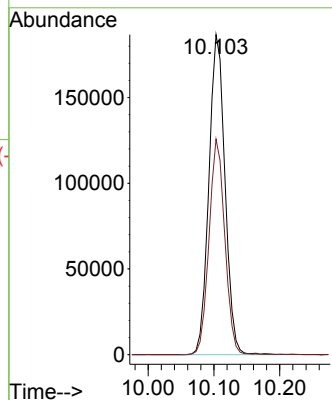
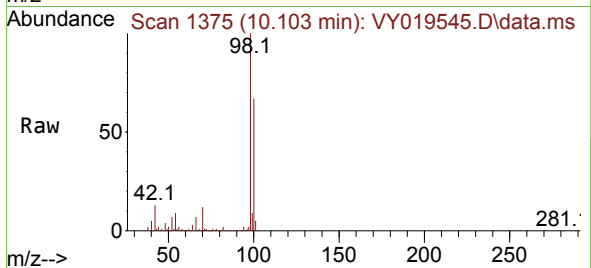
TP-3

Tgt Ion: 98 Resp: 318255

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#52

Toluene

Concen: 3.002 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019545.D

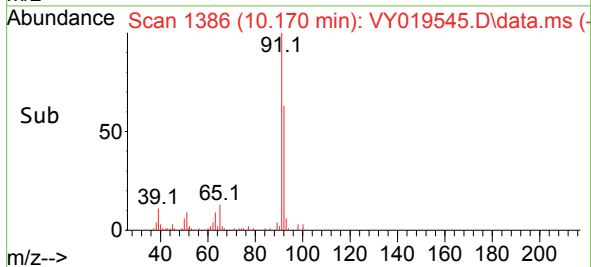
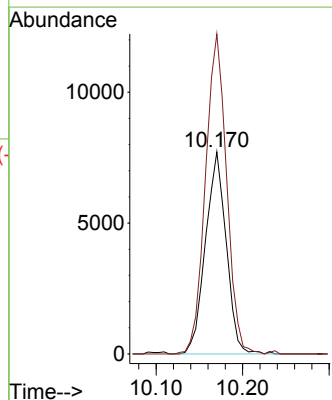
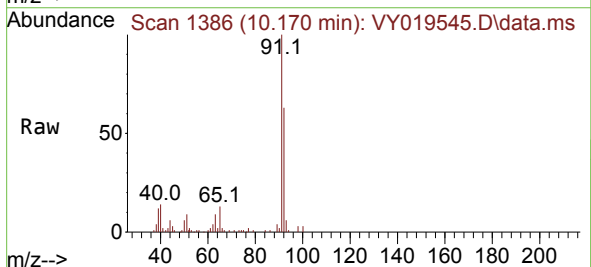
Acq: 13 Sep 2024 17:32

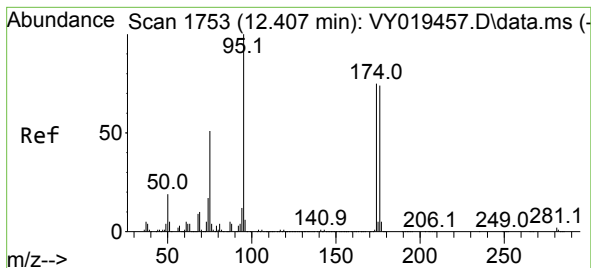
Tgt Ion: 92 Resp: 12892

Ion Ratio Lower Upper

92 100

91 160.9 139.0 208.6





#62

4-Bromofluorobenzene

Concen: 39.546 ug/l

RT: 12.401 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

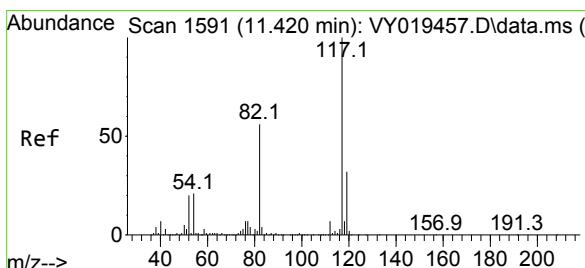
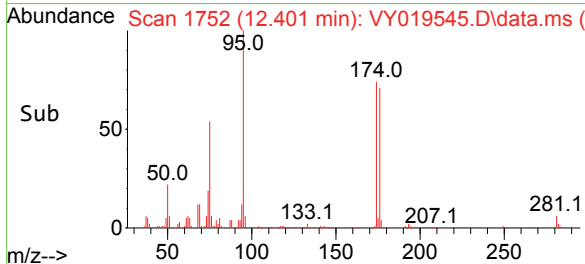
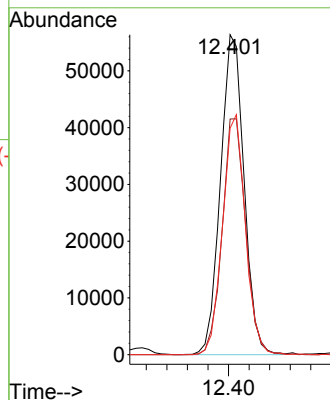
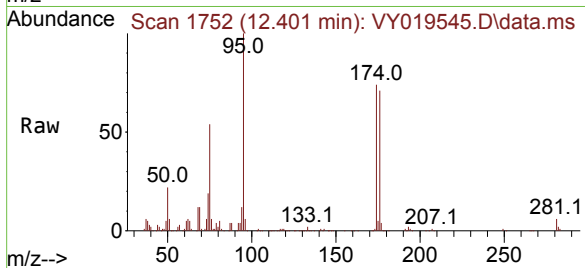
Tgt Ion: 95 Resp: 89594

Ion Ratio Lower Upper

95 100

174 73.6 0.0 175.6

176 72.5 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

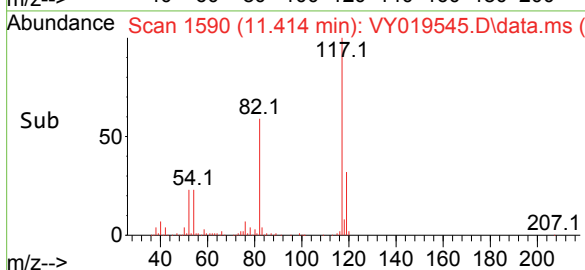
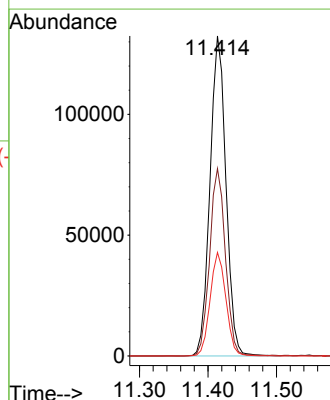
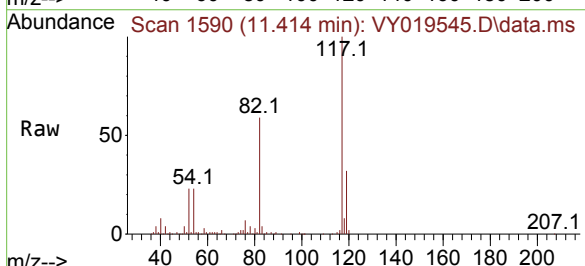
Tgt Ion: 117 Resp: 214428

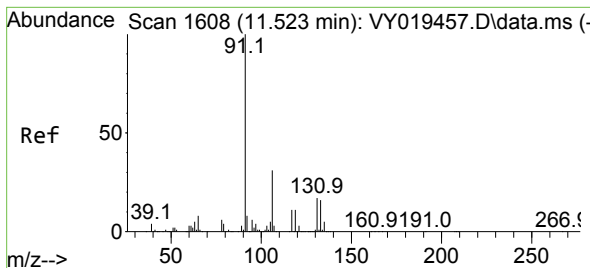
Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 32.3 25.9 38.9





#67

Ethyl Benzene

Concen: 37.646 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

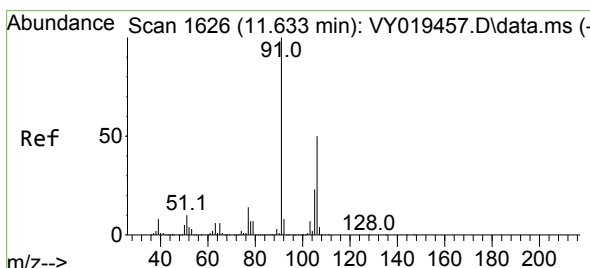
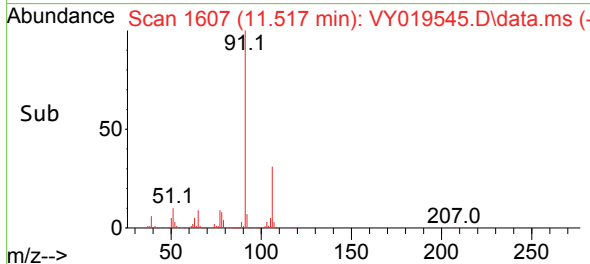
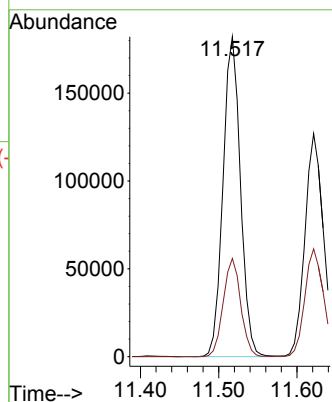
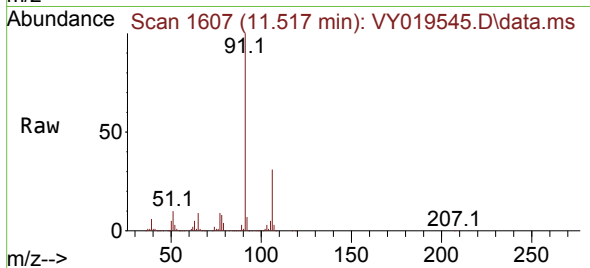
TP-3

Tgt Ion: 91 Resp: 282143

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 36.316 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019545.D

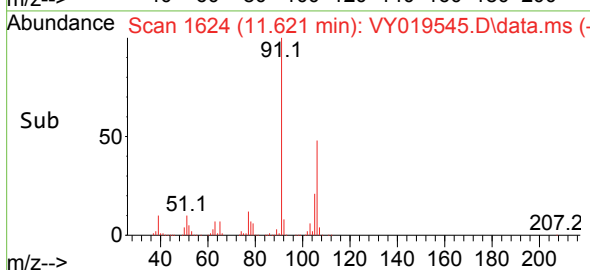
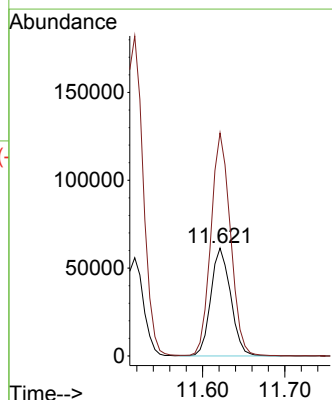
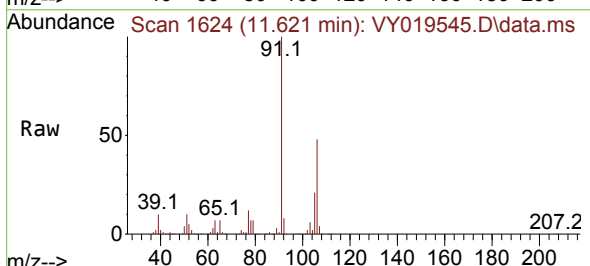
Acq: 13 Sep 2024 17:32

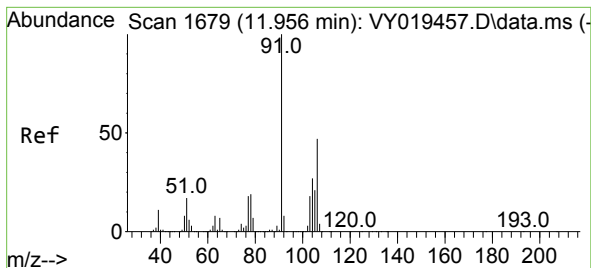
Tgt Ion:106 Resp: 102914

Ion Ratio Lower Upper

106 100

91 203.7 156.0 234.0





#69

o-Xylene

Concen: 30.094 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

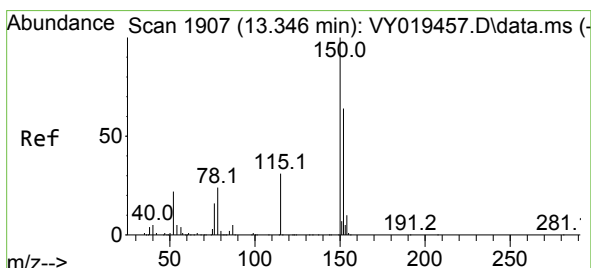
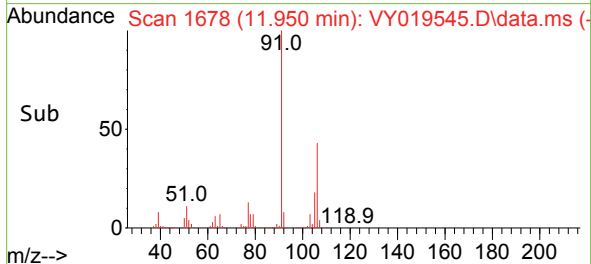
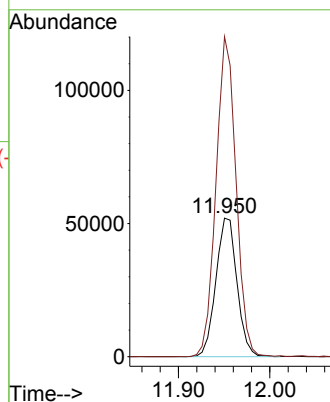
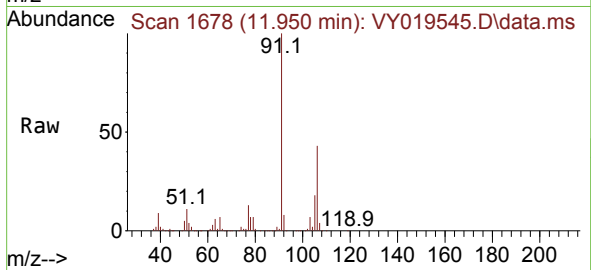
TP-3

Tgt Ion:106 Resp: 83405

Ion Ratio Lower Upper

106 100

91 219.8 103.6 310.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

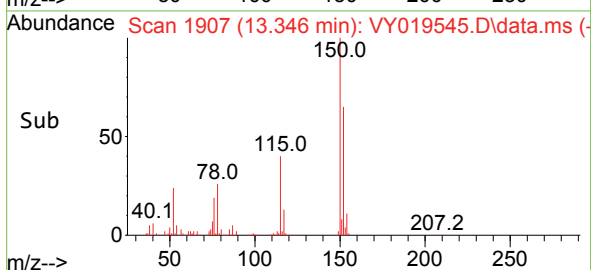
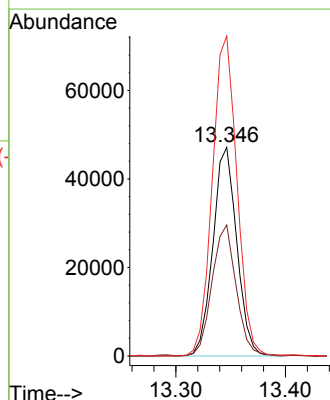
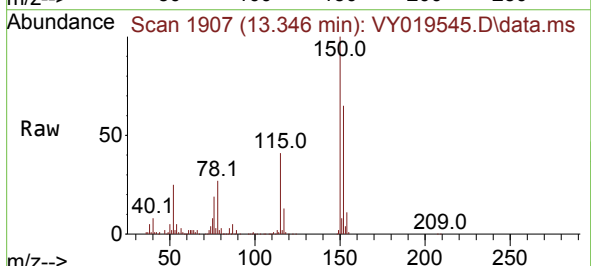
Tgt Ion:152 Resp: 71330

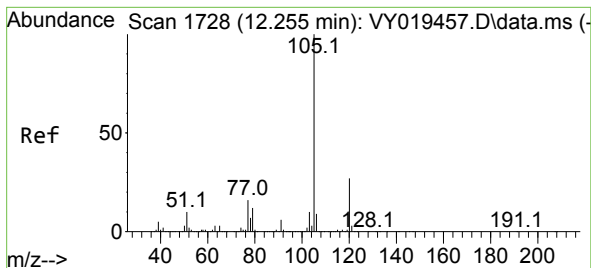
Ion Ratio Lower Upper

152 100

115 63.8 28.2 84.7

150 158.1 0.0 345.6





#73

Isopropylbenzene

Concen: 3.196 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019545.D

Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

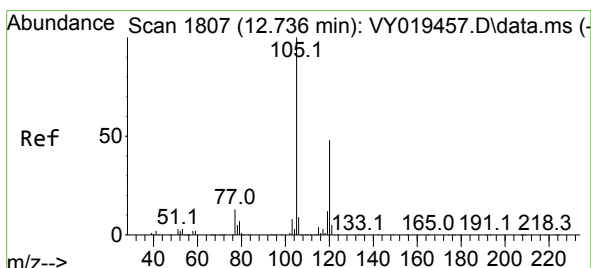
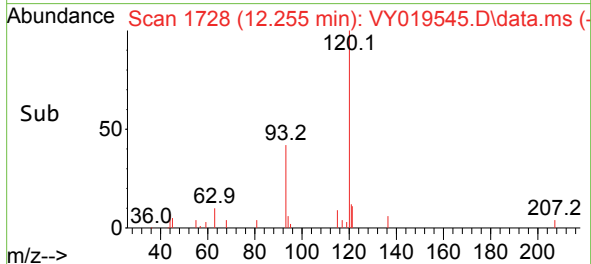
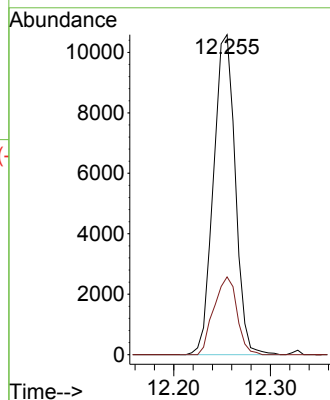
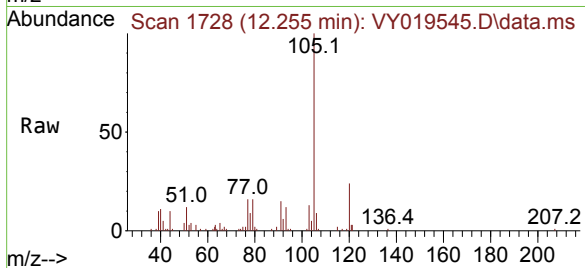
TP-3

Tgt Ion:105 Resp: 16537

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



#80

1,3,5-Trimethylbenzene

Concen: 4.531 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019545.D

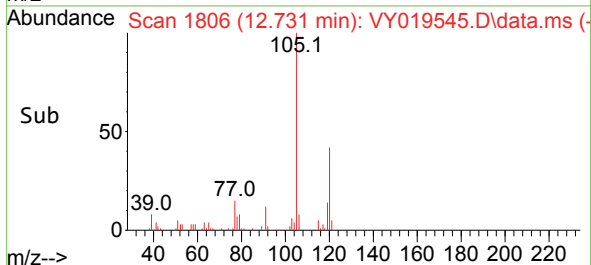
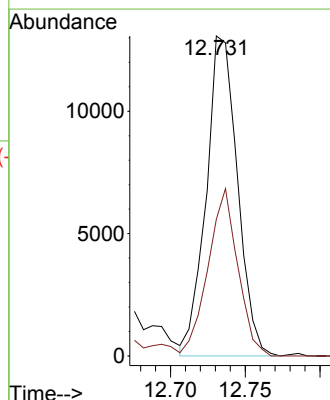
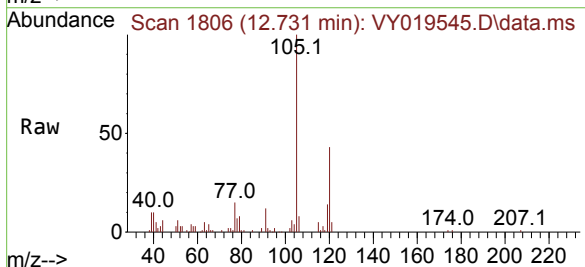
Acq: 13 Sep 2024 17:32

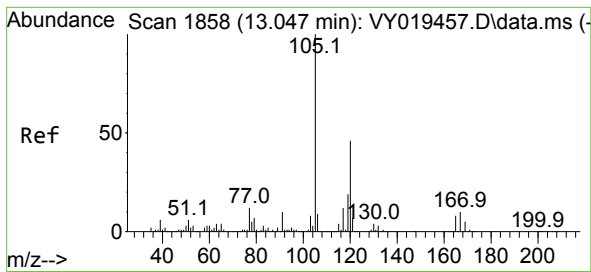
Tgt Ion:105 Resp: 19062

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2





#84

1,2,4-Trimethylbenzene

Concen: 3.967 ug/l

RT: 13.042 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019545.D

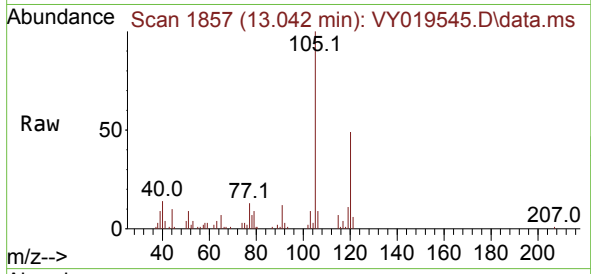
Acq: 13 Sep 2024 17:32

Instrument :

MSVOA_Y

ClientSampleId :

TP-3



Tgt Ion:105 Resp: 16518

Ion Ratio Lower Upper

105 100

120 43.8 23.2 69.6

