

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015601.D
 Acq On : 16 Sep 2023 04:44
 Operator : SY/MD
 Sample : 04419-13
 Misc : 6.83g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(33-35)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 16 05:30:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	265901	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	436844	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	403499	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	189280	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	162987	57.180	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.360%			
35) Dibromofluoromethane	7.734	113	137922	54.815	ug/l	0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.640%			
50) Toluene-d8	10.191	98	512110	56.203	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.400%			
62) 4-Bromofluorobenzene	12.489	95	187394	55.399	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.800%			
Target Compounds					Qvalue	
64) Tetrachloroethene	10.728	164	5098	1.392	ug/l	92
68) m/p-Xylenes	11.709	106	91852	15.178	ug/l	96
69) o-Xylene	12.038	106	40640	7.027	ug/l	95
80) 1,3,5-Trimethylbenzene	12.819	105	1116741	93.907	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	3187156	269.930	ug/l	97
85) sec-Butylbenzene	13.264	105	25009m	1.610	ug/l	
86) p-Isopropyltoluene	13.373	119	51969	3.991	ug/l	99
95) Naphthalene	15.239	128	1336806	141.645	ug/l	99

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

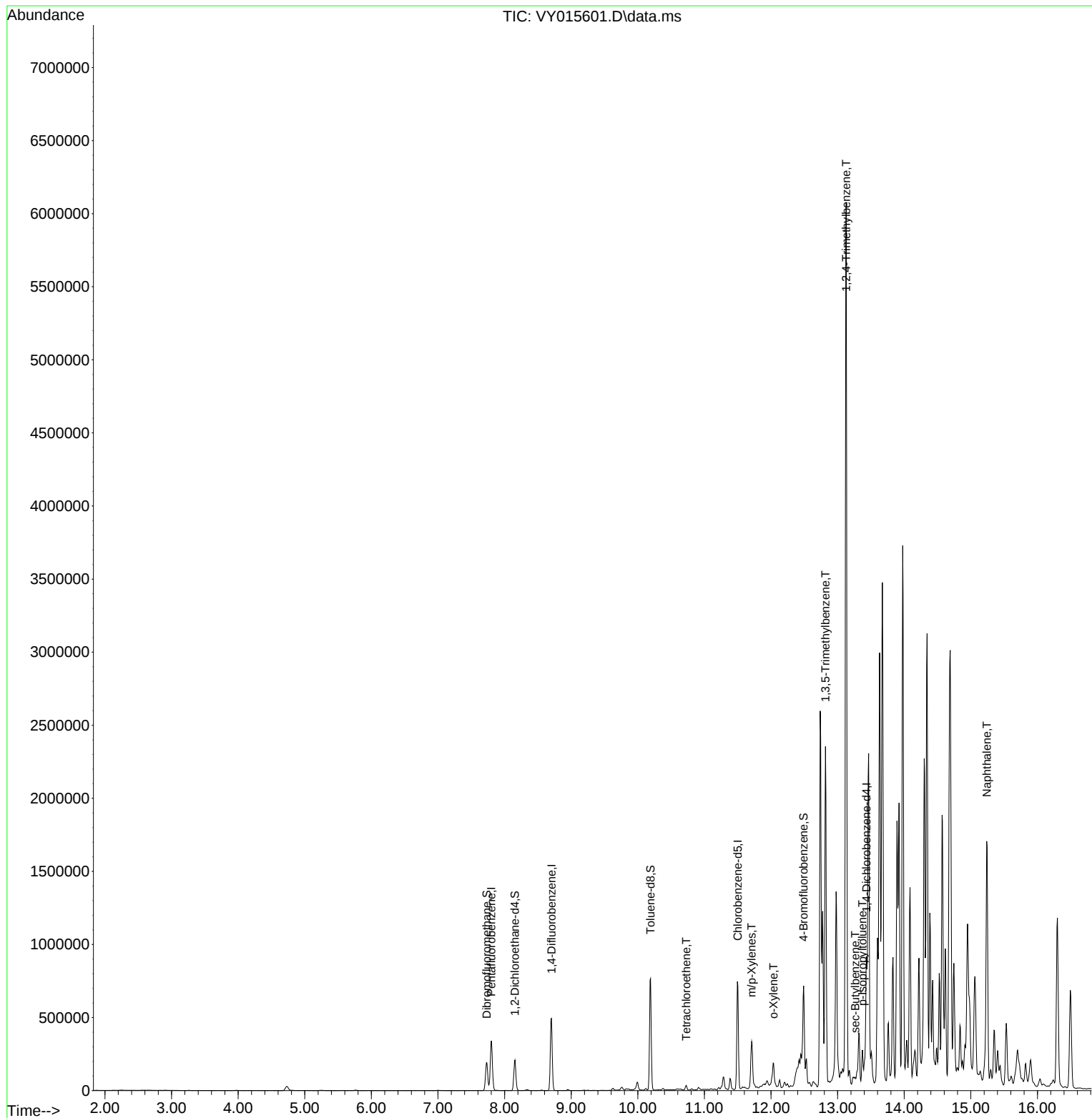
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015601.D
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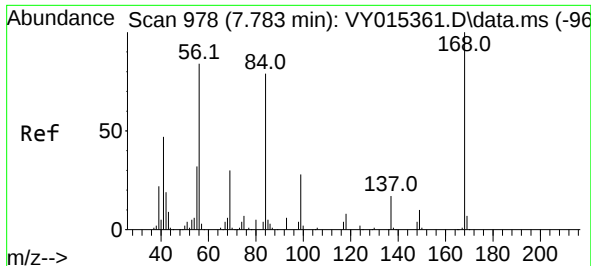
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

Quant Time: Sep 16 05:30:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

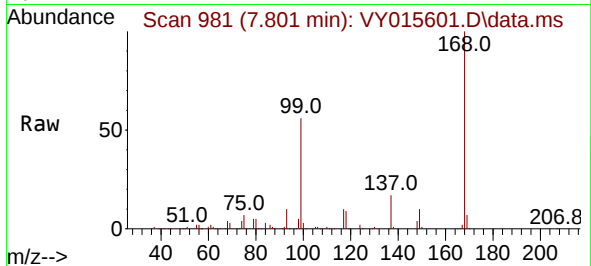
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

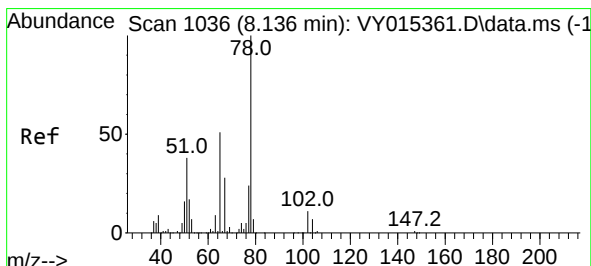
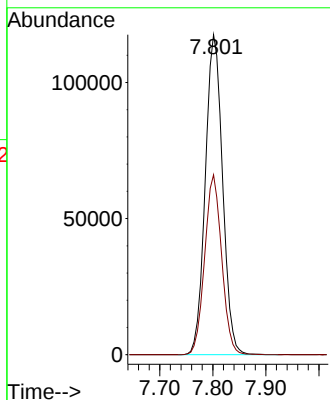
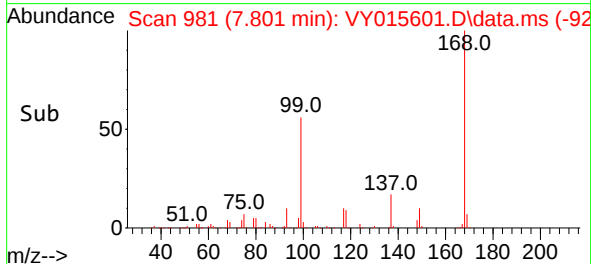
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)



Tgt Ion:168 Resp: 26590
Ion Ratio Lower Upper
168 100
99 56.2 43.4 65.0

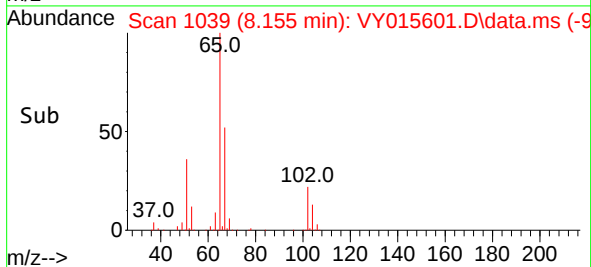
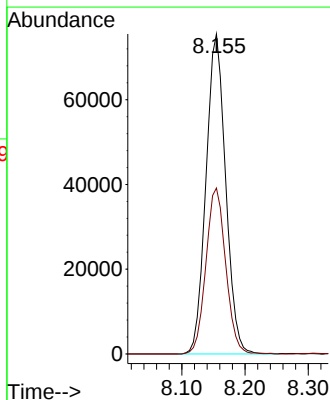
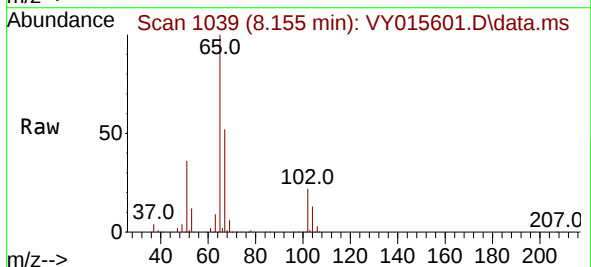
Manual Integrations
APPROVED

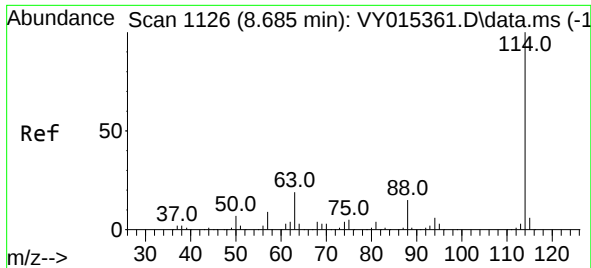
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#33
1,2-Dichloroethane-d4
Concen: 57.180 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.018 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

Tgt Ion: 65 Resp: 162987
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8





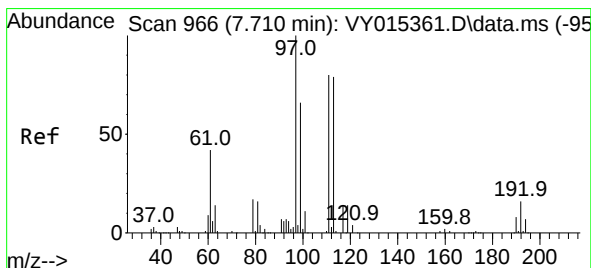
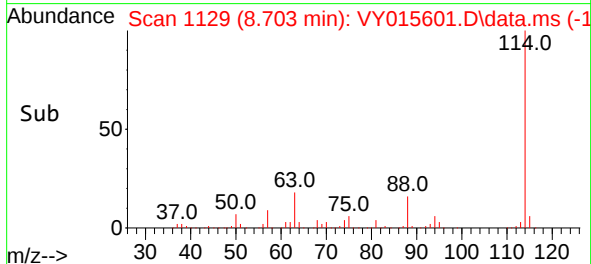
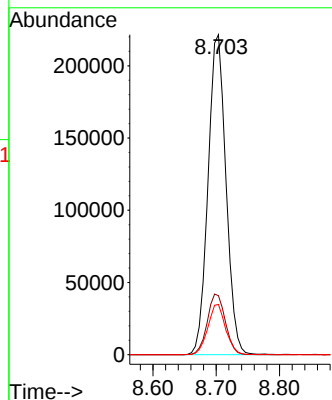
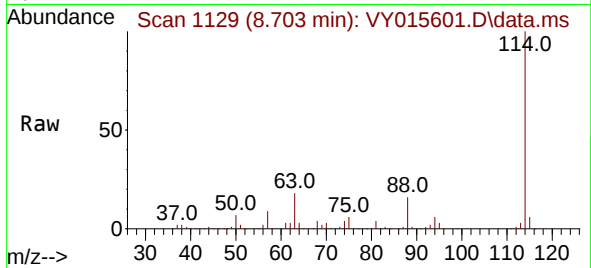
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1126
Delta R.T. 0.018 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

Tgt Ion:114 Resp: 436844
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.4
88 15.7 0.0 30.6

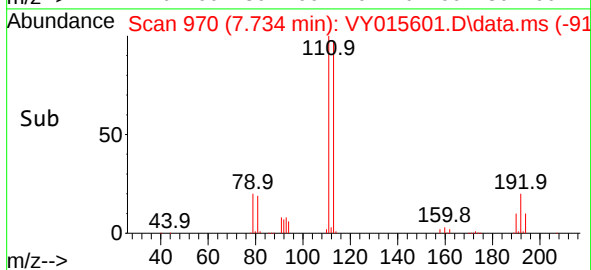
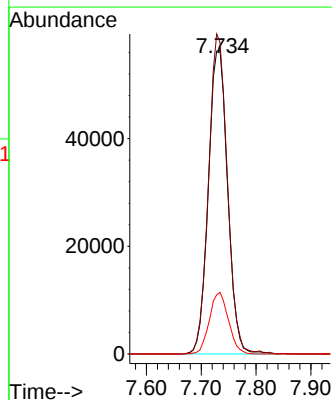
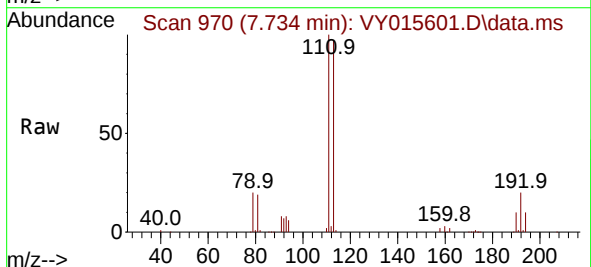
Manual Integrations
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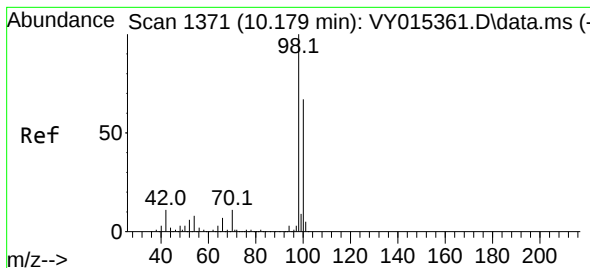
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#35
Dibromofluoromethane
Concen: 54.815 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

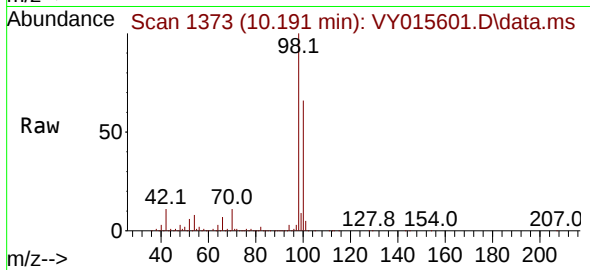
Tgt Ion:113 Resp: 137922
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.9 16.9 25.3





#50
Toluene-d8
Concen: 56.203 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

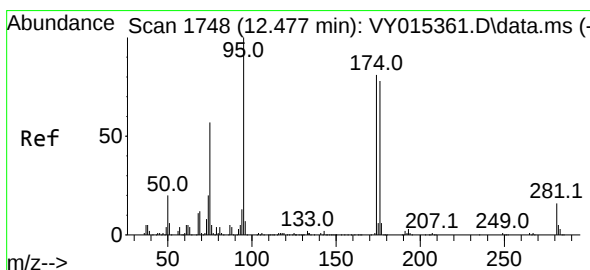
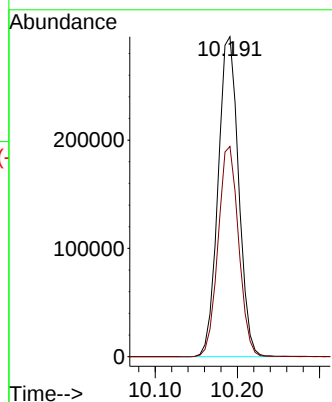
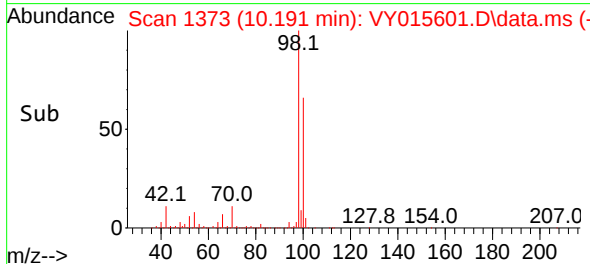
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)



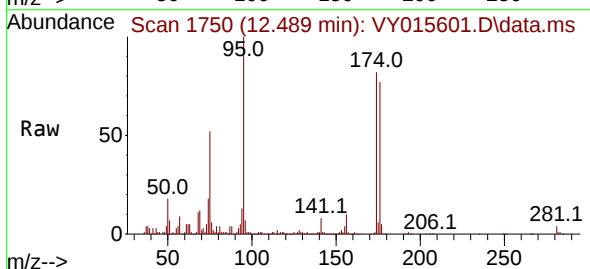
Tgt Ion: 98 Resp: 512110
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

Manual Integrations
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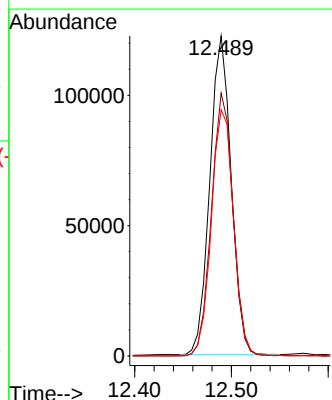
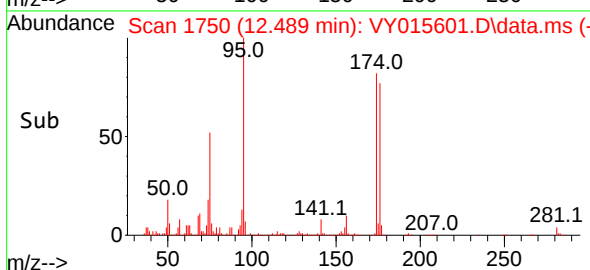
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#62
4-Bromofluorobenzene
Concen: 55.399 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44



Tgt Ion: 95 Resp: 187394
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015601.D

Acq: 16 Sep 2023 04:44

Instrument :

MSVOA_Y

ClientSampleId :

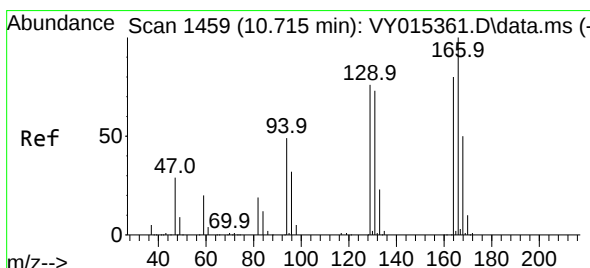
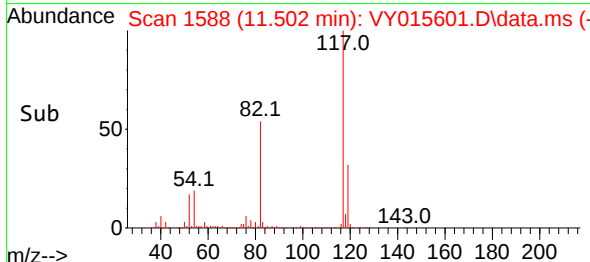
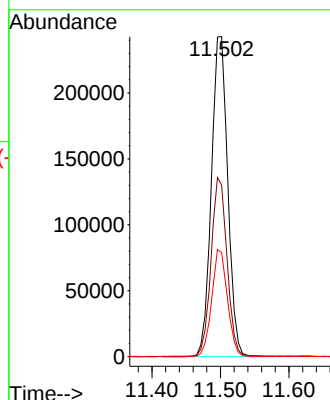
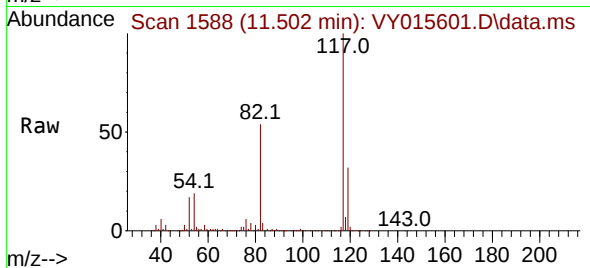
DB-06(33-35)

Tgt Ion:	117	Resp:	40349
Ion Ratio	Lower	Upper	
117	100		
82	53.5	43.4	65.0
119	32.5	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#64

Tetrachloroethene

Concen: 1.392 ug/l

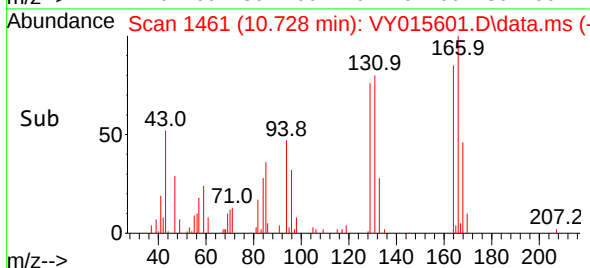
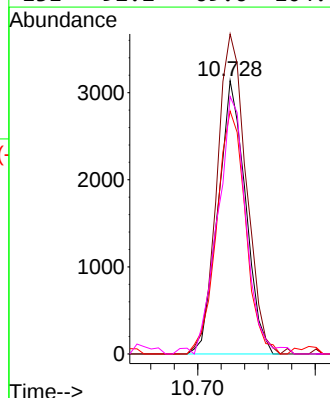
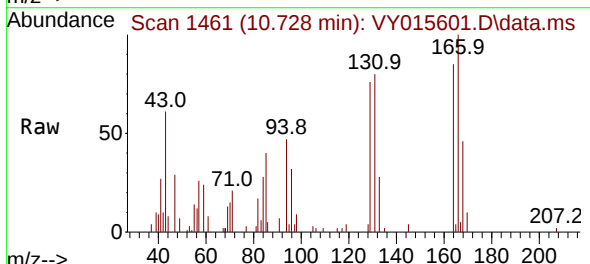
RT: 10.728 min Scan# 1461

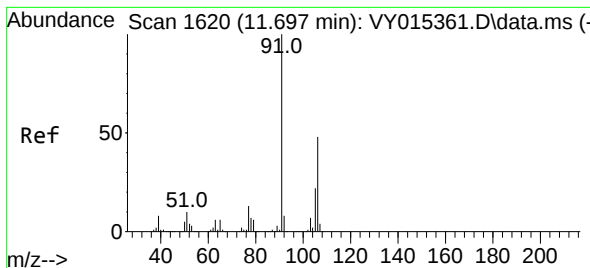
Delta R.T. 0.012 min

Lab File: VY015601.D

Acq: 16 Sep 2023 04:44

Tgt Ion:	164	Resp:	5098
Ion Ratio	Lower	Upper	
164	100		
166	117.1	103.0	154.6
129	88.9	77.2	115.8
131	92.2	69.6	104.4





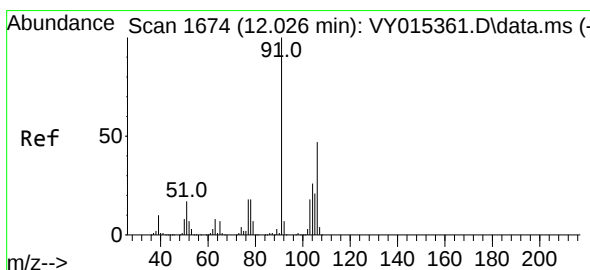
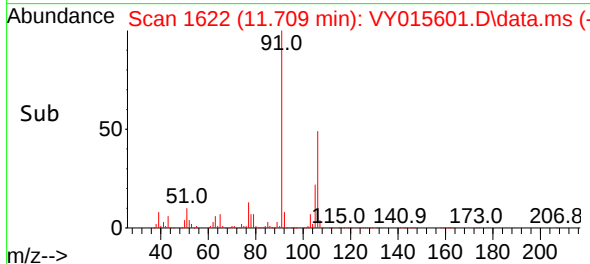
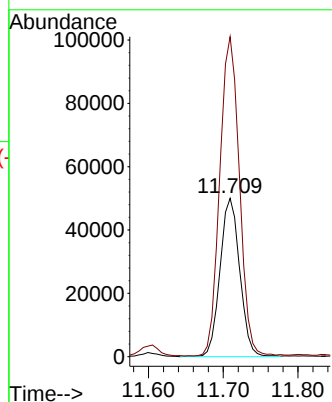
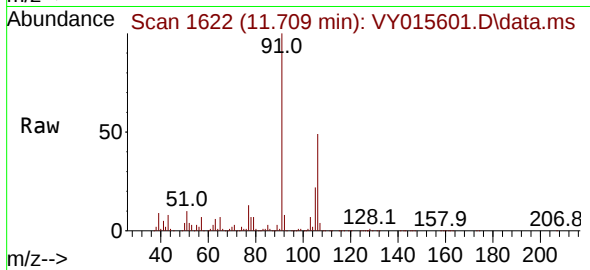
#68
m/p-Xylenes
Concen: 15.178 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)

Tgt Ion:106 Resp: 91852
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1

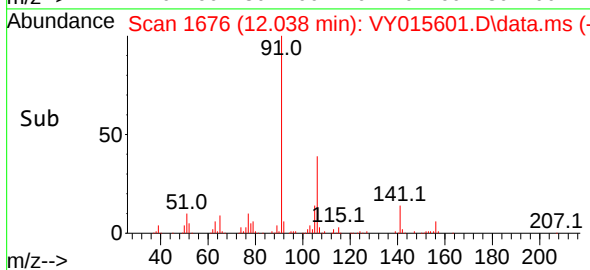
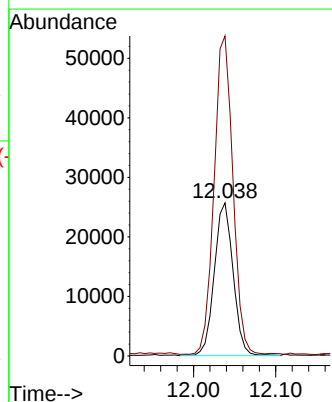
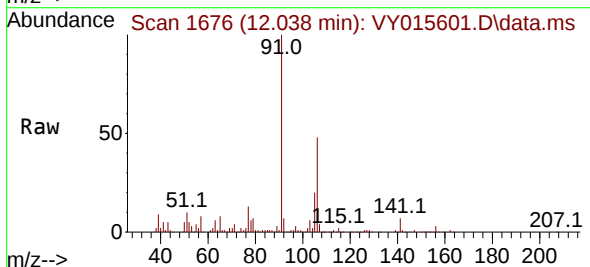
Manual Integrations
APPROVED

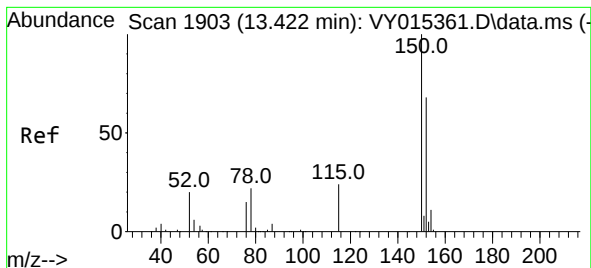
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#69
o-Xylene
Concen: 7.027 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.012 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

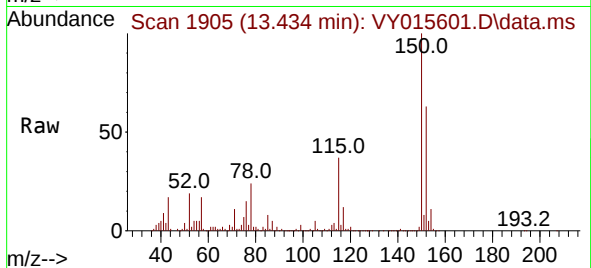
Tgt Ion:106 Resp: 40640
Ion Ratio Lower Upper
106 100
91 208.9 108.1 324.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1903
 Delta R.T. 0.012 min
 Lab File: VY015601.D
 Acq: 16 Sep 2023 04:44

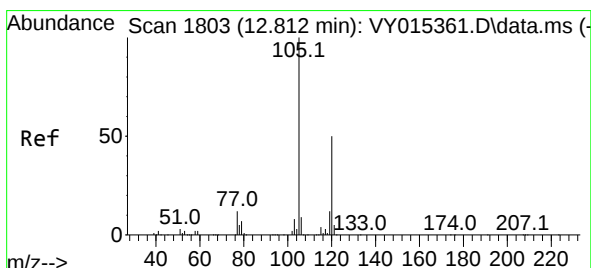
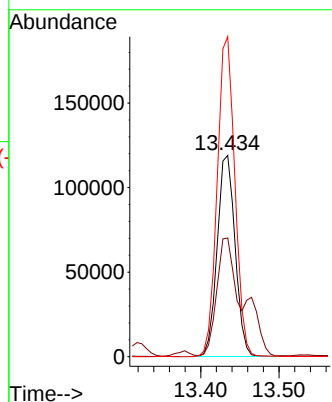
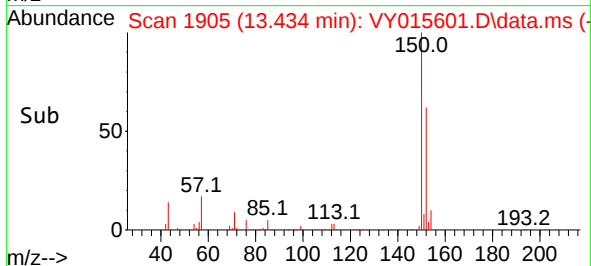
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-06(33-35)



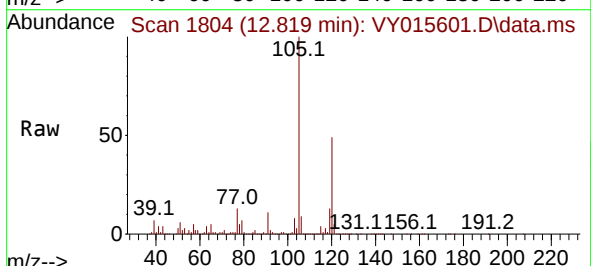
Tgt Ion:152 Resp: 189280
 Ion Ratio Lower Upper
 152 100
 115 62.4 28.8 86.5
 150 157.0 0.0 348.8

Manual Integrations
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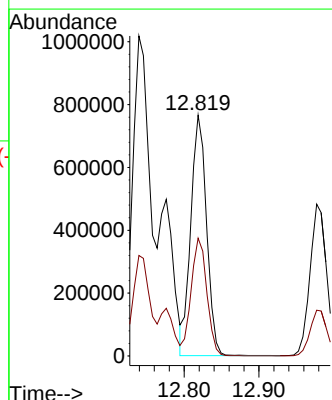
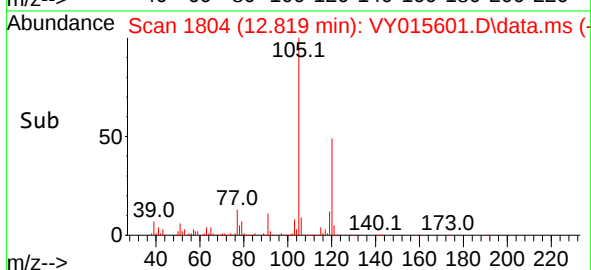
Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

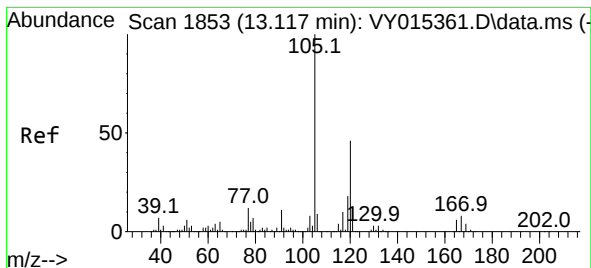


#80
 1,3,5-Trimethylbenzene
 Concen: 93.907 ug/l
 RT: 12.819 min Scan# 1804
 Delta R.T. 0.006 min
 Lab File: VY015601.D
 Acq: 16 Sep 2023 04:44



Tgt Ion:105 Resp: 1116741
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.9 71.7





#84

1,2,4-Trimethylbenzene

Concen: 269.930 ug/l

RT: 13.130 min Scan# 1853

Delta R.T. 0.012 min

Lab File: VY015601.D

Acq: 16 Sep 2023 04:44

Instrument :

MSVOA_Y

ClientSampleId :

DB-06(33-35)

Tgt Ion:105 Resp: 318715

Ion Ratio Lower Upper

105 100

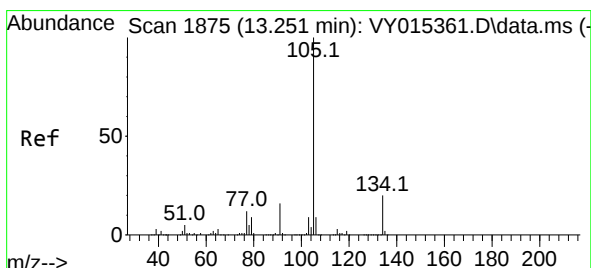
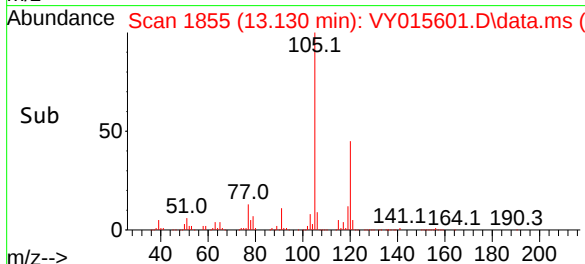
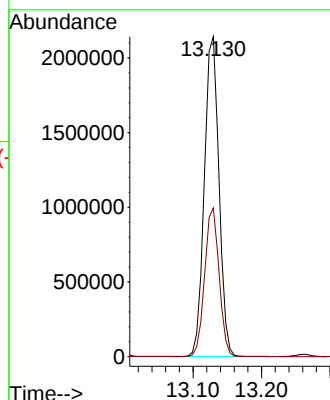
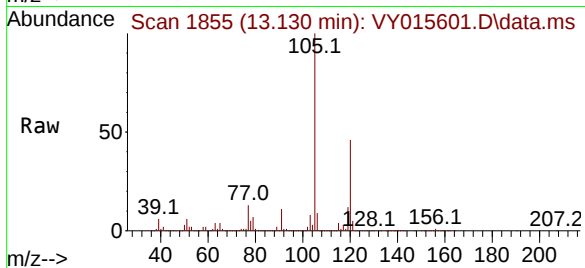
120 46.0 22.2 66.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023

Supervised By :Semsettin Yesilyurt 09/18/2023



#85

sec-Butylbenzene

Concen: 1.610 ug/l m

RT: 13.264 min Scan# 1877

Delta R.T. 0.012 min

Lab File: VY015601.D

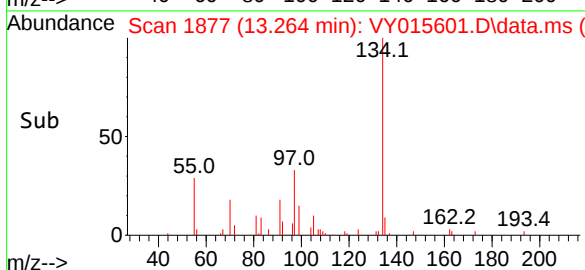
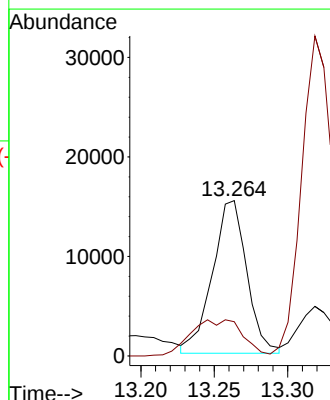
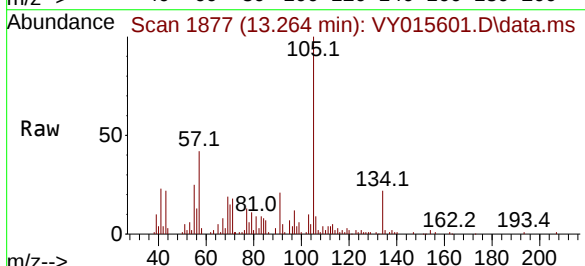
Acq: 16 Sep 2023 04:44

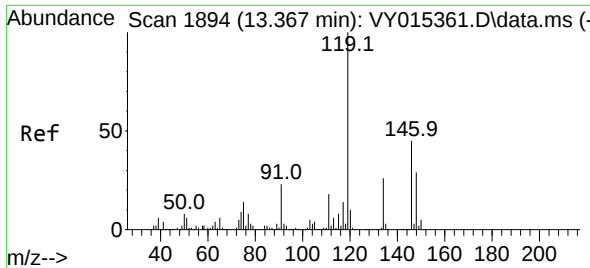
Tgt Ion:105 Resp: 25009

Ion Ratio Lower Upper

105 100

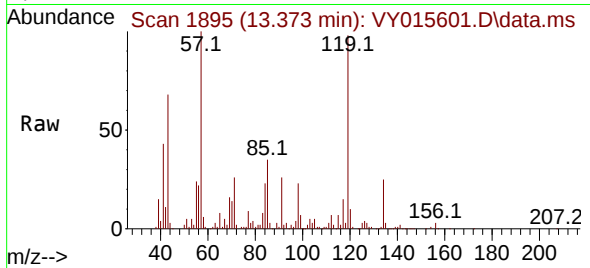
134 0.0 10.2 30.6#





#86
p-Isopropyltoluene
Concen: 3.991 ug/l
RT: 13.373 min Scan# 119
Delta R.T. 0.006 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

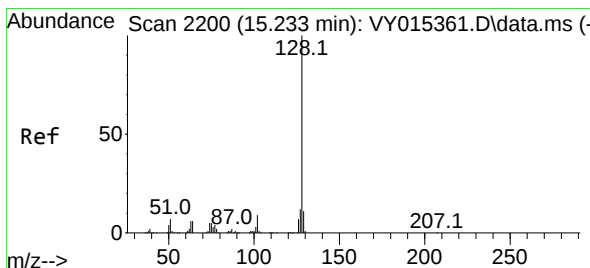
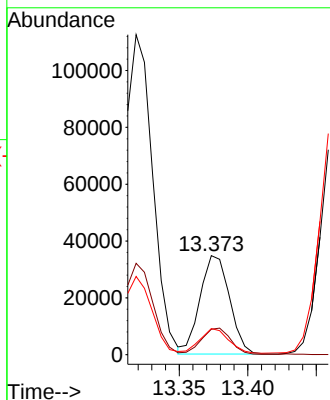
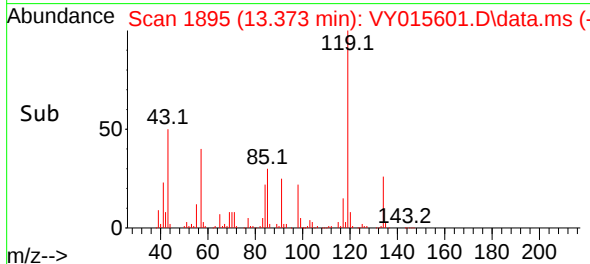
Instrument :
MSVOA_Y
ClientSampleId :
DB-06(33-35)



Tgt Ion:119 Resp: 51969
Ion Ratio Lower Upper
119 100
134 26.2 13.3 39.8
91 24.2 12.4 37.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#95
Naphthalene
Concen: 141.645 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY015601.D
Acq: 16 Sep 2023 04:44

Tgt Ion:128 Resp: 1336806
Ion Ratio Lower Upper
128 100
127 12.8 10.8 16.2
129 11.0 8.6 13.0

