

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046956.D
 Acq On : 10 Jul 2025 19:20
 Operator : JC/MD
 Sample : Q2480-06ME 10X
 Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX6ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 01:38:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	352552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	617302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	563552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	282479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	237906	51.080	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.160%			
35) Dibromofluoromethane	5.397	113	198418	47.352	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.700%			
50) Toluene-d8	8.647	98	739021	49.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.980%			
62) 4-Bromofluorobenzene	11.079	95	289792	51.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						
						Qvalue
39) Methylcyclohexane	7.385	83	30073	4.252	ug/l	91
67) Ethyl Benzene	10.195	91	31018	1.487	ug/l	97
68) m/p-Xylenes	10.305	106	8349	1.062	ug/l	91
78) n-propylbenzene	11.305	91	42293	1.766	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21020	1.303	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	77750	4.767	ug/l	100
89) n-Butylbenzene	12.329	91	23853m	1.443	ug/l	
95) Naphthalene	13.774	128	27891	1.738	ug/l #	86

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

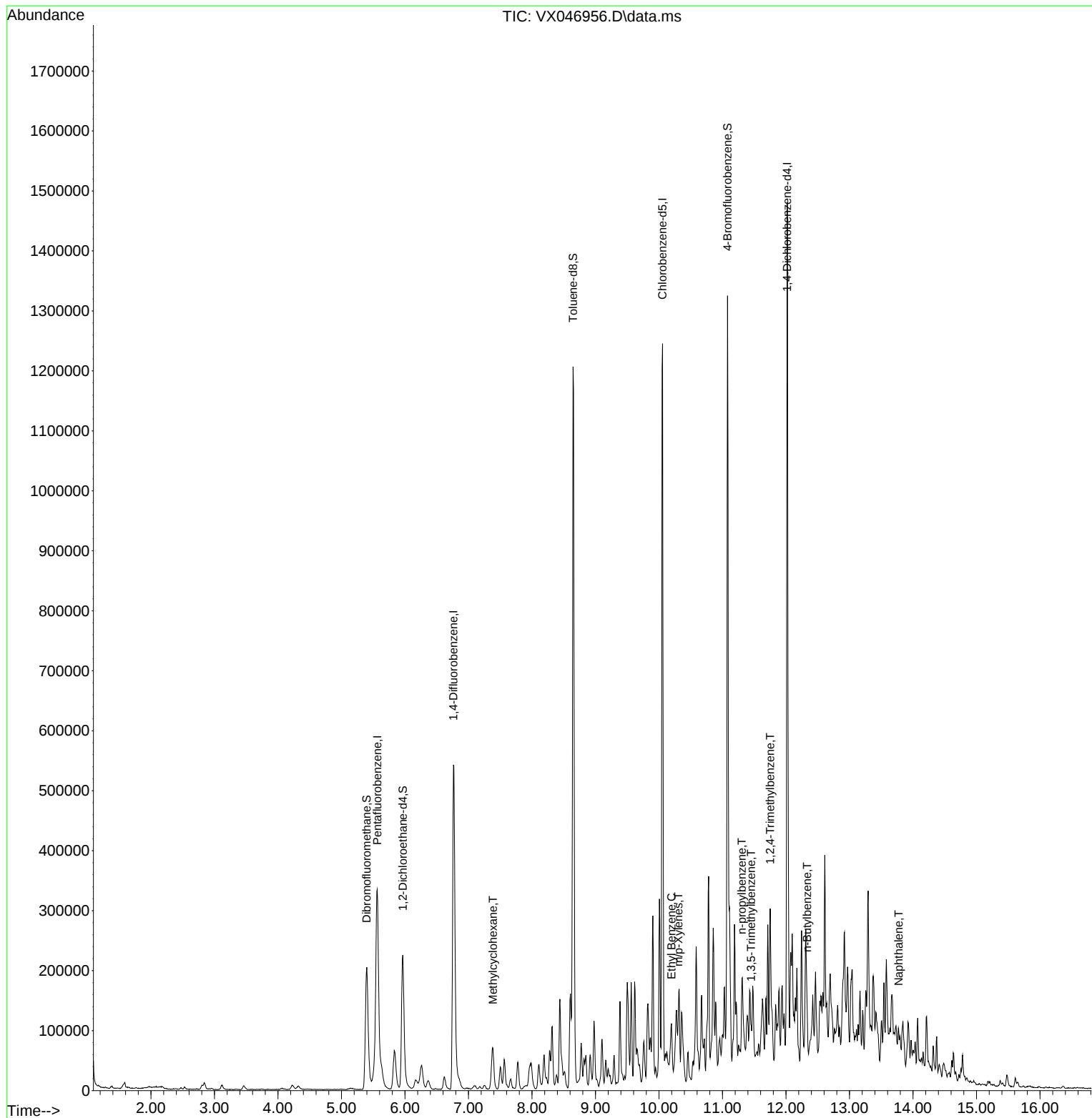
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046956.D
Acq On : 10 Jul 2025 19:20
Operator : JC/MD
Sample : Q2480-06ME 10X
Misc : 6.16g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 25 Sample Multiplier: 1

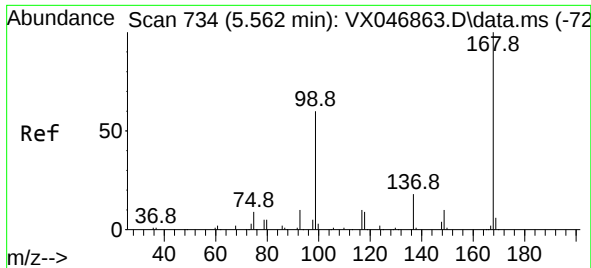
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

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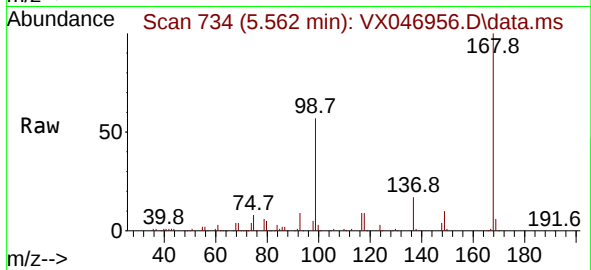
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

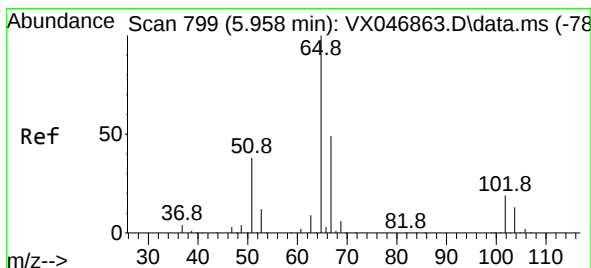
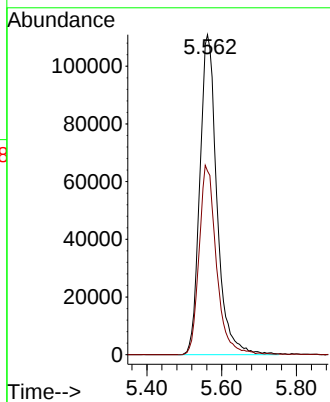
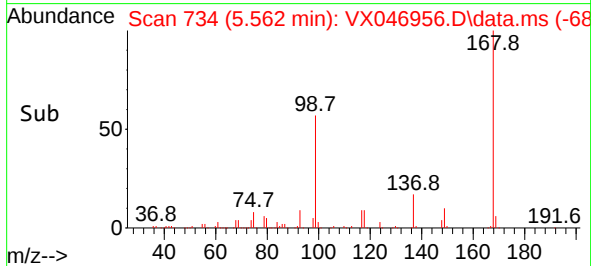
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



Tgt Ion:168 Resp: 35255
Ion Ratio Lower Upper
168 100
99 57.4 48.8 73.2

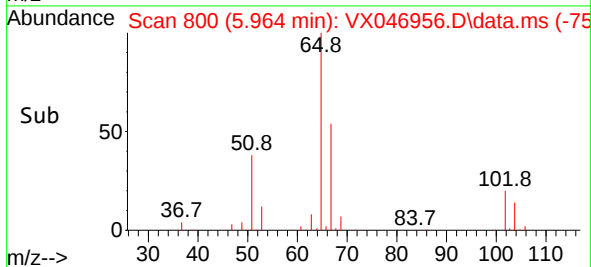
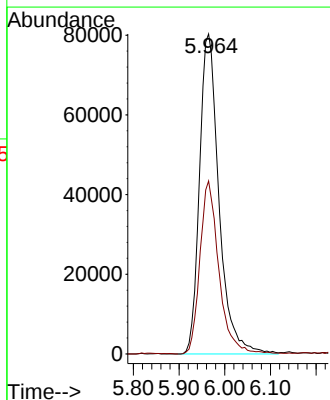
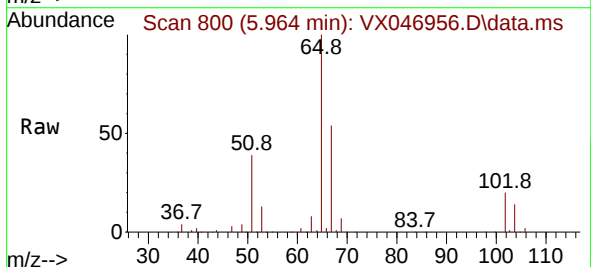
Manual Integrations
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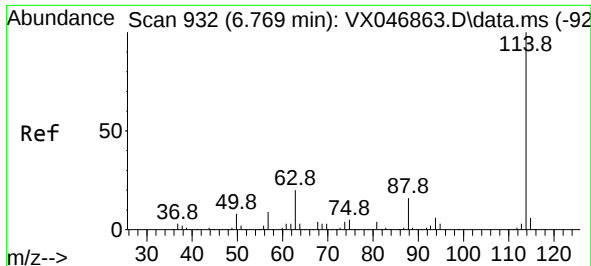
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 51.080 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

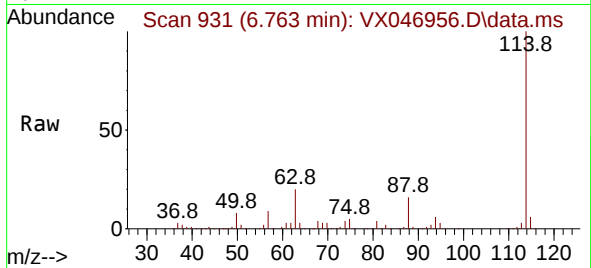
Tgt Ion: 65 Resp: 237906
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 915
Delta R.T. -0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

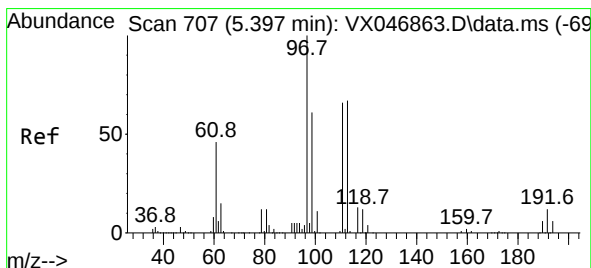
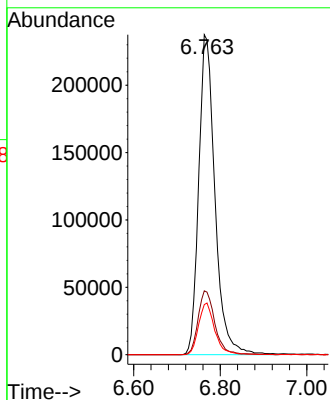
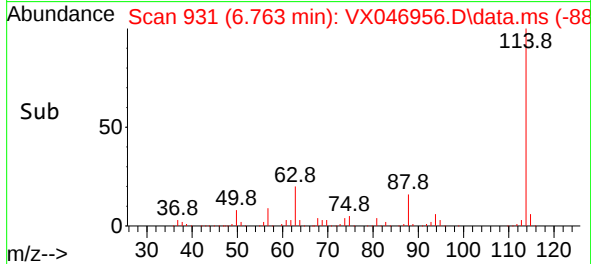
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



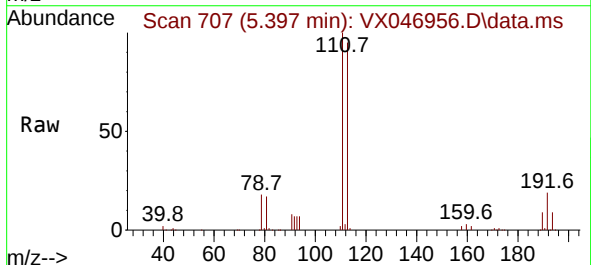
Tgt Ion:114 Resp: 617302
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.4
88 15.6 0.0 31.0

Manual Integrations
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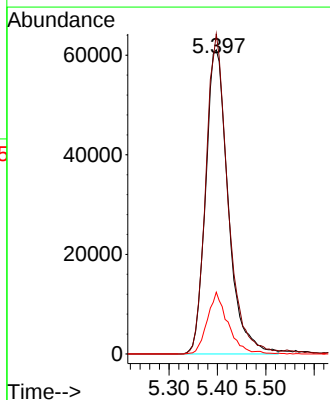
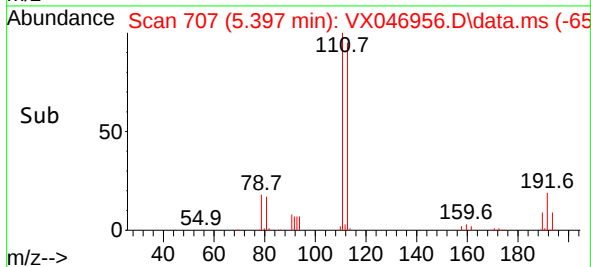
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

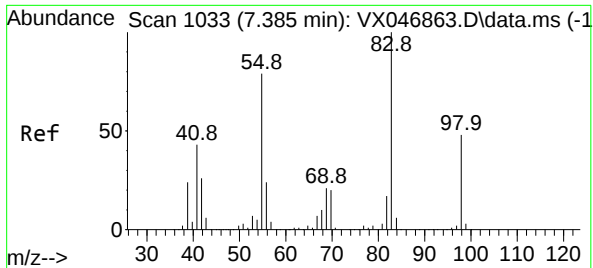


#35
Dibromofluoromethane
Concen: 47.352 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20



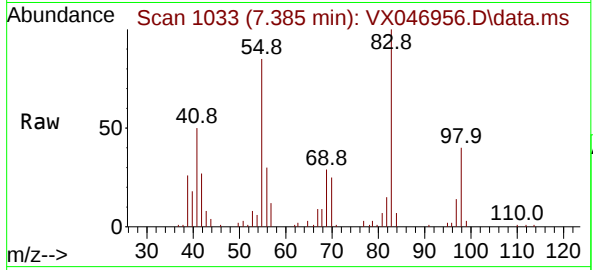
Tgt Ion:113 Resp: 198418
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 18.7 15.3 22.9





#39
Methylcyclohexane
Concen: 4.252 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

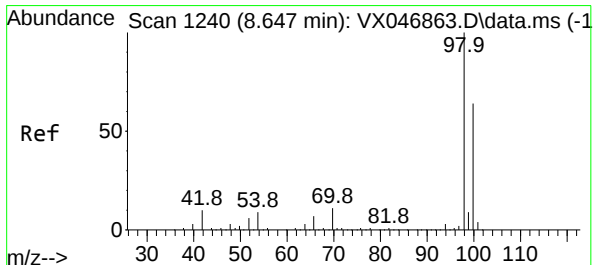
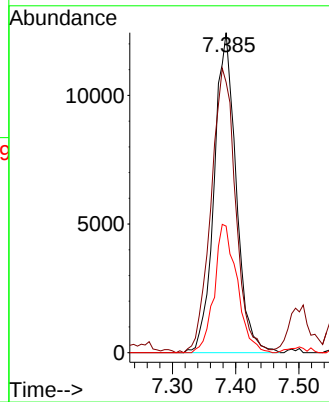
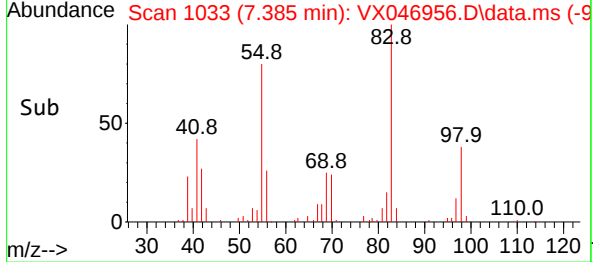
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



Tgt Ion: 83 Resp: 3007
Ion Ratio Lower Upper
83 100
55 83.9 63.0 94.4
98 39.5 38.5 57.7

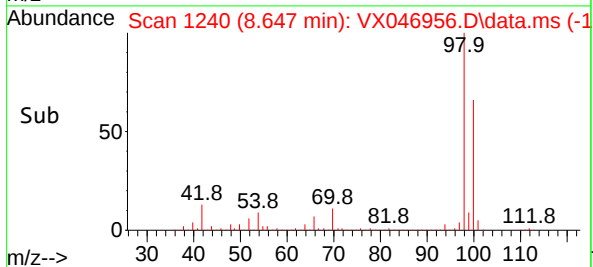
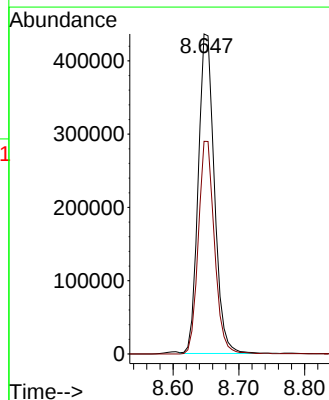
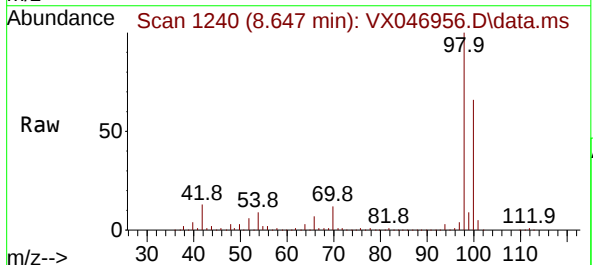
Manual Integrations
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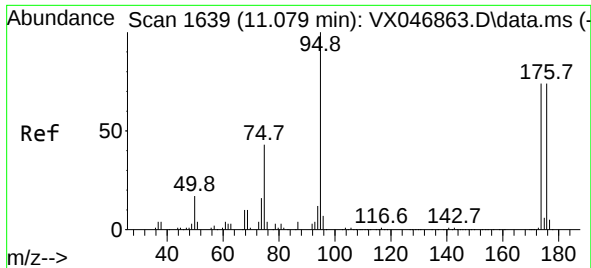
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 49.987 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

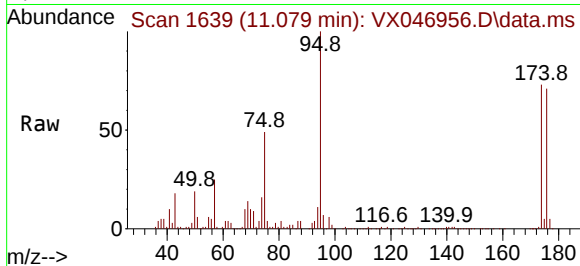
Tgt Ion: 98 Resp: 739021
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 51.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

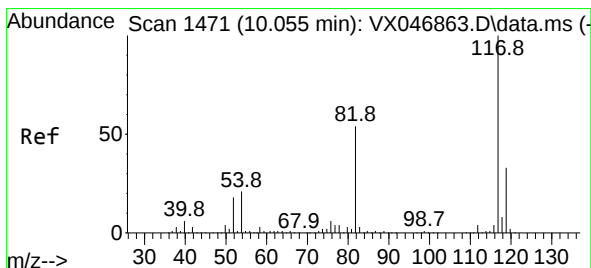
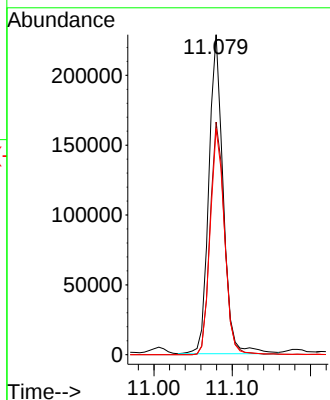
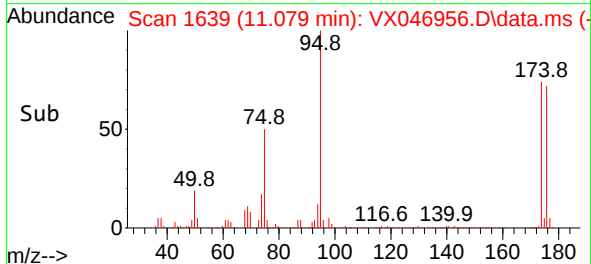
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



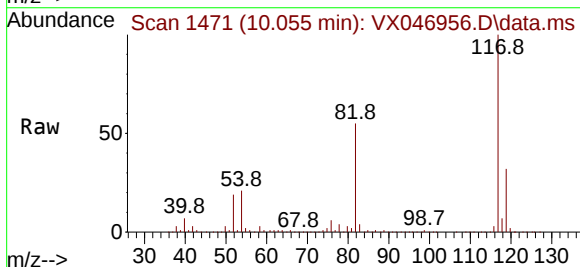
Tgt Ion: 95 Resp: 289792
Ion Ratio Lower Upper
95 100
174 73.0 0.0 152.0
176 71.1 0.0 145.2

Manual Integrations
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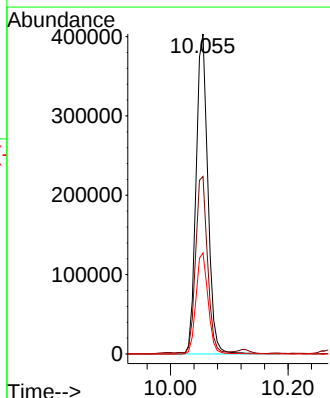
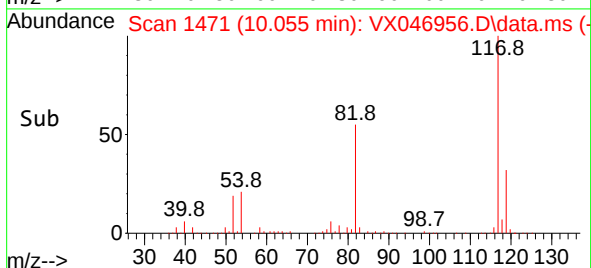
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

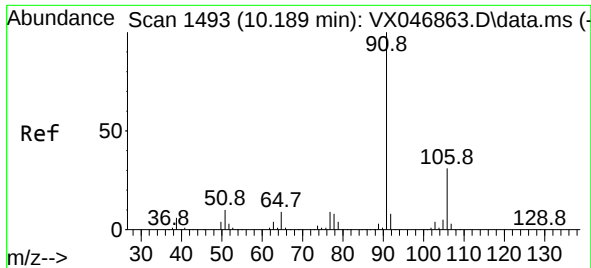


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20



Tgt Ion:117 Resp: 563552
Ion Ratio Lower Upper
117 100
82 55.1 43.3 64.9
119 31.6 26.4 39.6





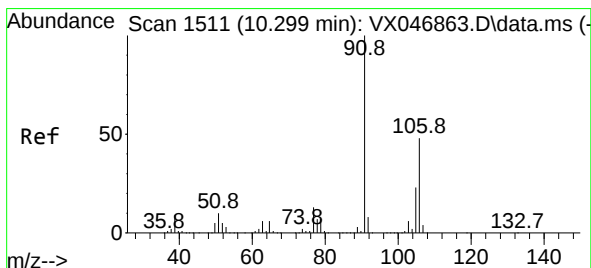
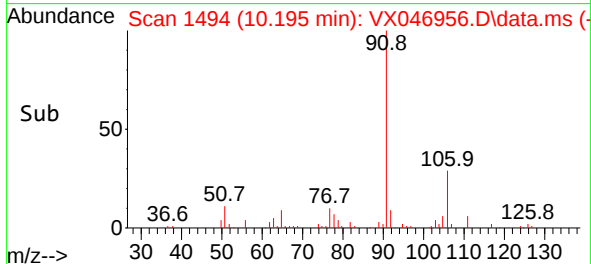
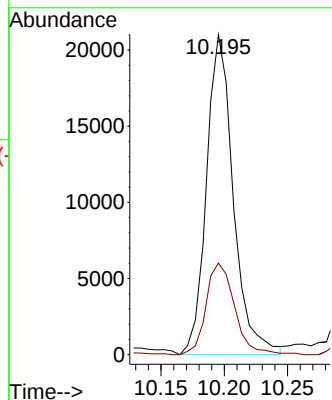
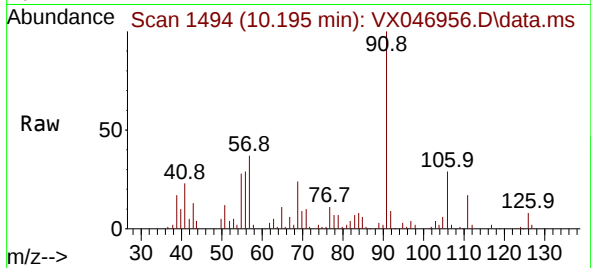
#67
Ethyl Benzene
Concen: 1.487 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
GPX6ME

Tgt Ion: 91 Resp: 31018
Ion Ratio Lower Upper
91 100
106 28.6 24.4 36.6

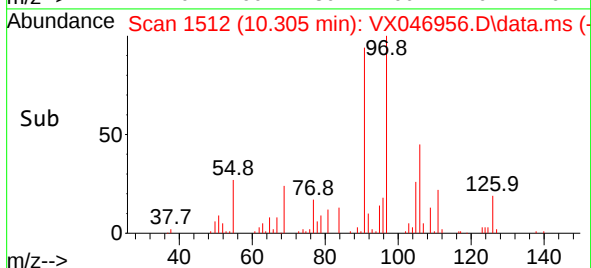
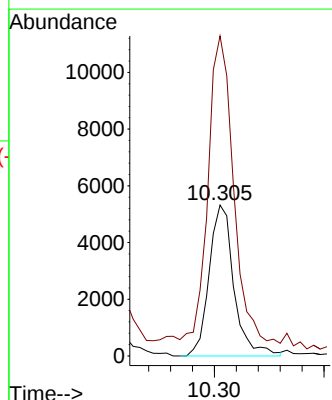
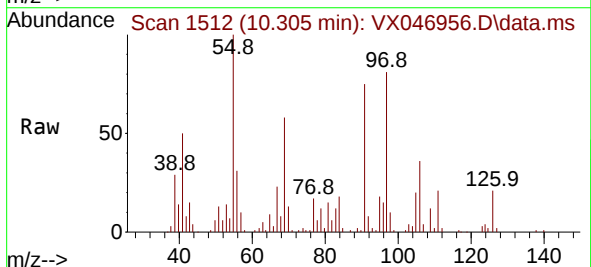
Manual Integrations
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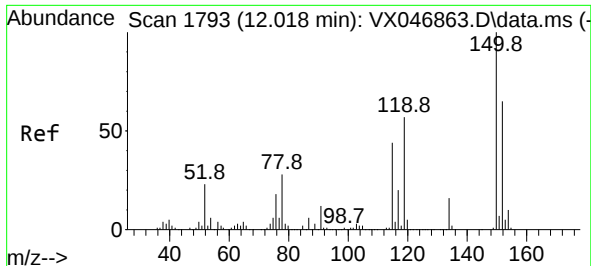
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
m/p-Xylenes
Concen: 1.062 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

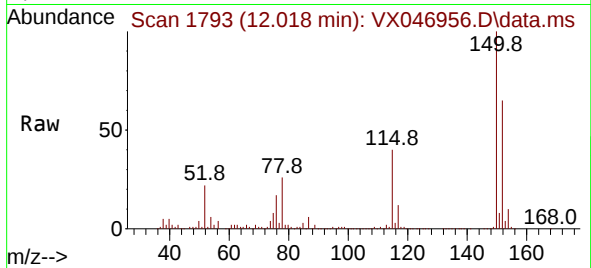
Tgt Ion:106 Resp: 8349
Ion Ratio Lower Upper
106 100
91 220.0 164.6 246.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

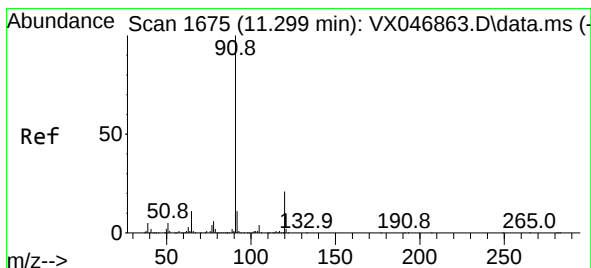
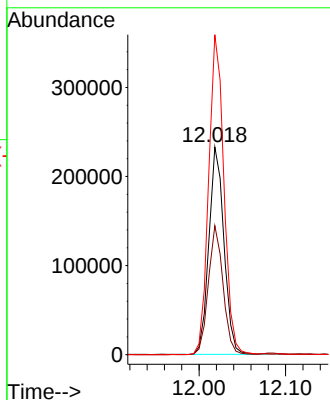
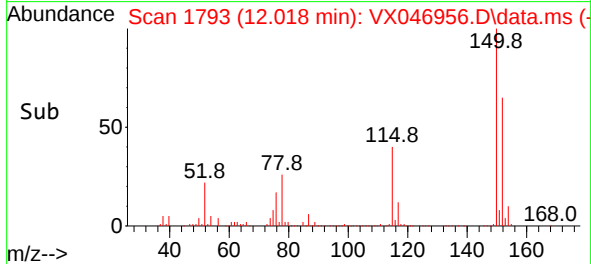
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



Tgt Ion:152 Resp: 282479
Ion Ratio Lower Upper
152 100
115 60.7 42.4 127.1
150 155.5 0.0 349.2

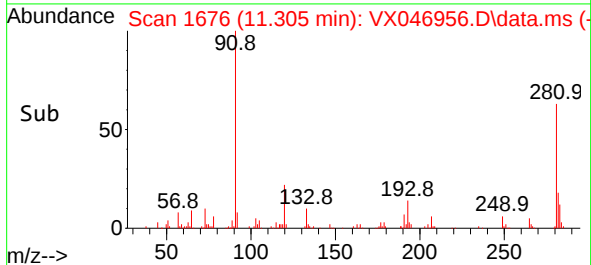
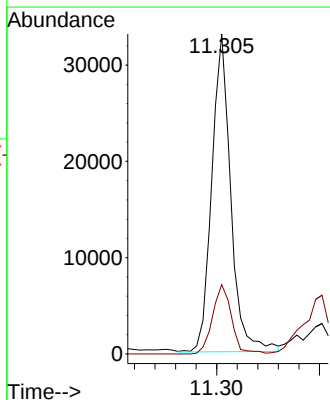
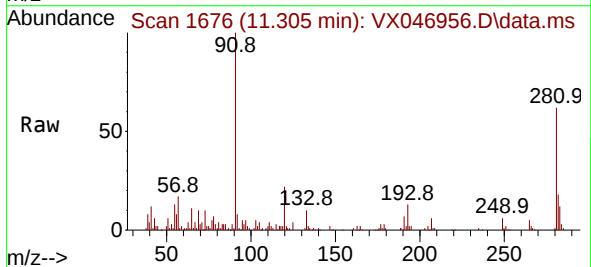
Manual Integrations
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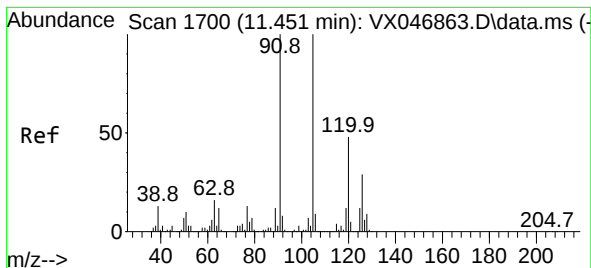
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#78
n-propylbenzene
Concen: 1.766 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

Tgt Ion: 91 Resp: 42293
Ion Ratio Lower Upper
91 100
120 21.7 11.2 33.5





#80

1,3,5-Trimethylbenzene

Concen: 1.303 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046956.D

Acq: 10 Jul 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

GPX6ME

Tgt Ion:105 Resp: 21020

Ion Ratio Lower Upper

105 100

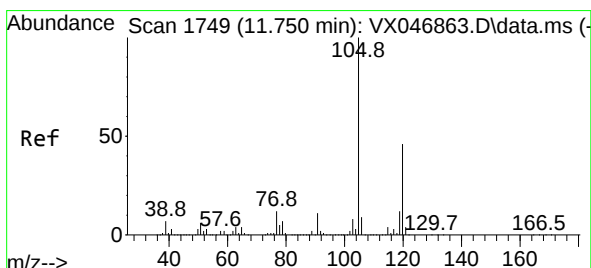
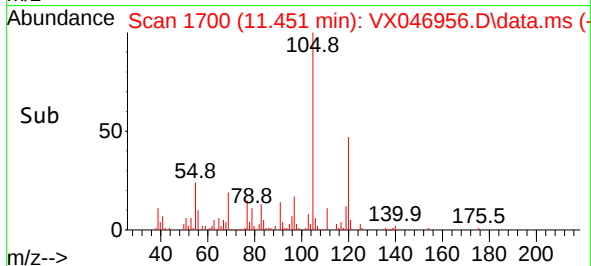
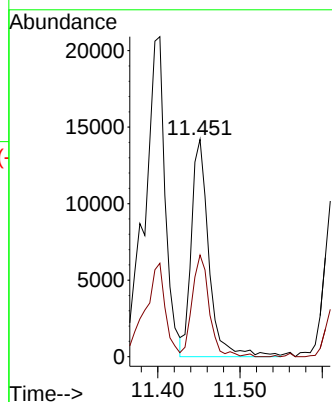
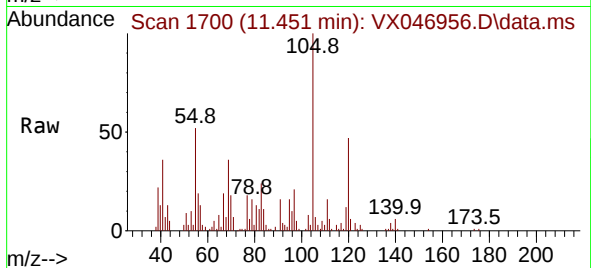
120 45.6 24.1 72.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 4.767 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046956.D

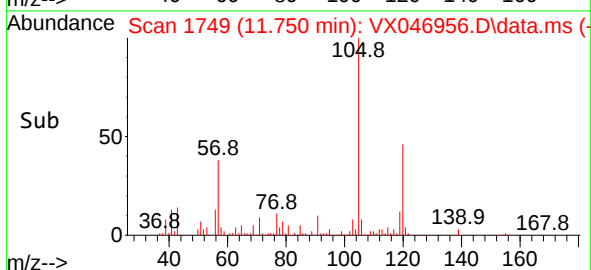
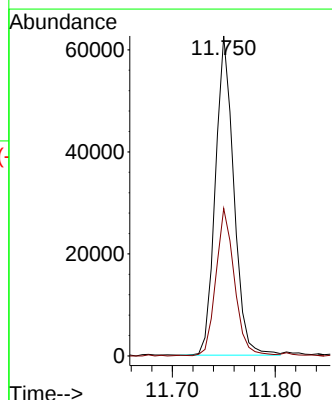
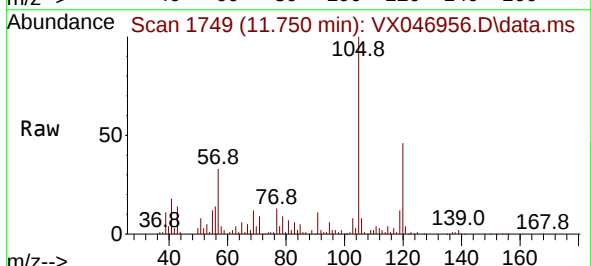
Acq: 10 Jul 2025 19:20

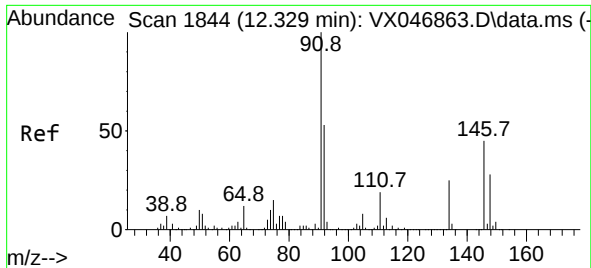
Tgt Ion:105 Resp: 77750

Ion Ratio Lower Upper

105 100

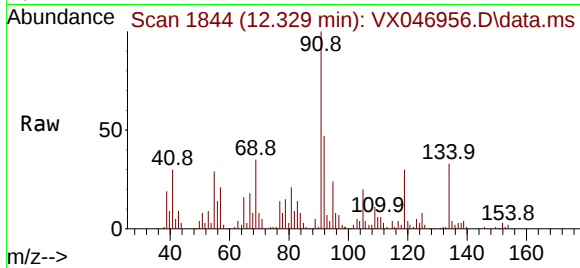
120 46.7 23.3 69.8





#89
n-Butylbenzene
Concen: 1.443 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20

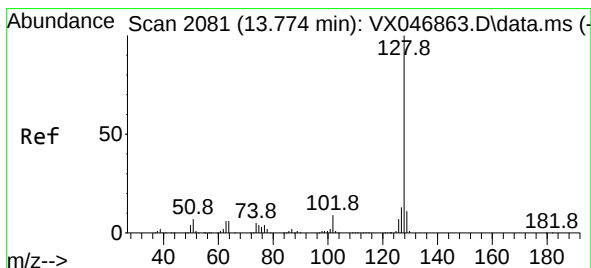
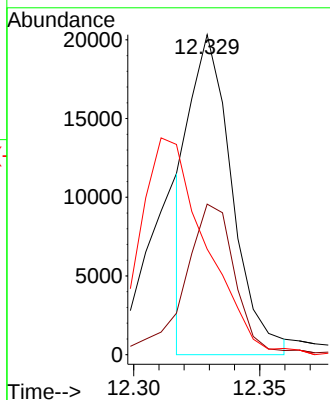
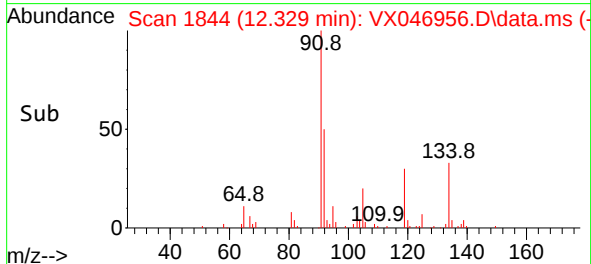
Instrument :
MSVOA_X
ClientSampleId :
GPX6ME



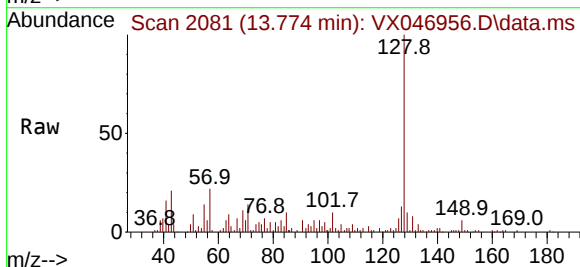
Tgt Ion: 91 Resp: 2385
Ion Ratio Lower Upper
91 100
92 56.3 27.0 81.0
134 104.4 12.8 38.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#95
Naphthalene
Concen: 1.738 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046956.D
Acq: 10 Jul 2025 19:20



Tgt Ion:128 Resp: 27891
Ion Ratio Lower Upper
128 100
127 14.8 10.2 15.4
129 20.1 8.6 13.0

