

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046958.D
 Acq On : 10 Jul 2025 20:02
 Operator : JC/MD
 Sample : Q2480-08 10X
 Misc : 8.95g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX8

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 01:39:23 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	377228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	658079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	584775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	255953	51.360	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.720%			
35) Dibromofluoromethane	5.397	113	214083	47.925	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.653	98	777364	49.323	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	297095	49.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.200%			
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.800	84	4748	1.037	ug/l #	81
31) Cyclohexane	5.513	56	73441	10.310	ug/l #	59
39) Methylcyclohexane	7.385	83	274007	36.344	ug/l	94
67) Ethyl Benzene	10.195	91	687093	31.734	ug/l	99
68) m/p-Xylenes	10.305	106	299409	36.698	ug/l	99
73) Isopropylbenzene	10.963	105	172680	8.726	ug/l	99
78) n-propylbenzene	11.305	91	679321	28.469	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	880135	54.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4064066	250.053	ug/l	98
85) sec-Butylbenzene	11.890	105	94342m	4.506	ug/l	
86) p-Isopropyltoluene	12.006	119	77218	4.404	ug/l	97
89) n-Butylbenzene	12.329	91	242755m	14.734	ug/l	
95) Naphthalene	13.774	128	621711	38.875	ug/l	99

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

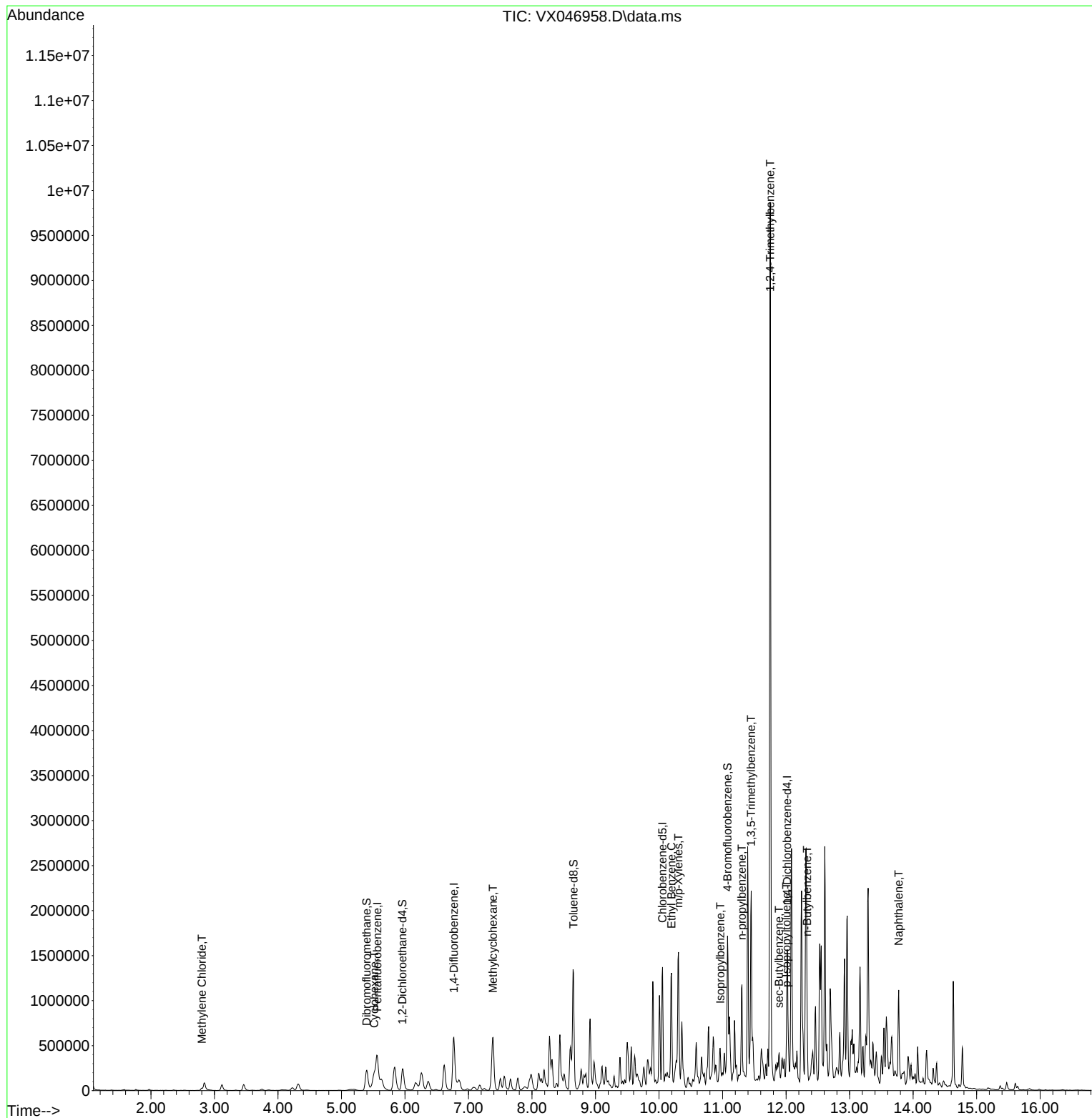
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046958.D
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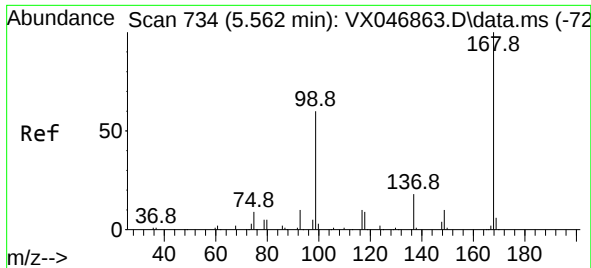
Instrument :
MSVOA_X
ClientSampleId :
GPX8

Quant Time: Jul 11 01:39:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
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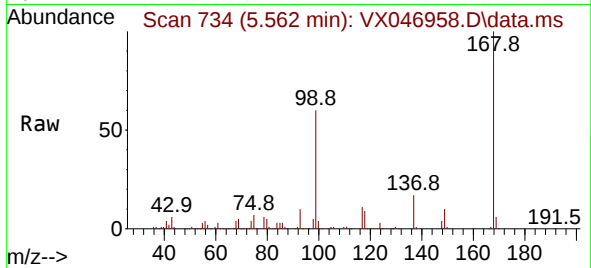
Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

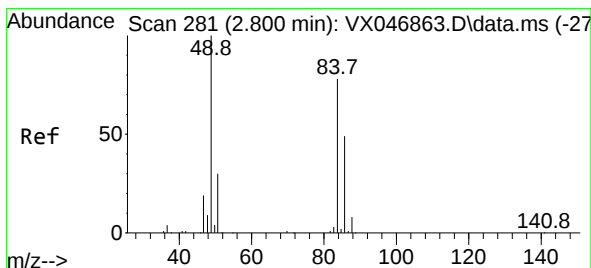
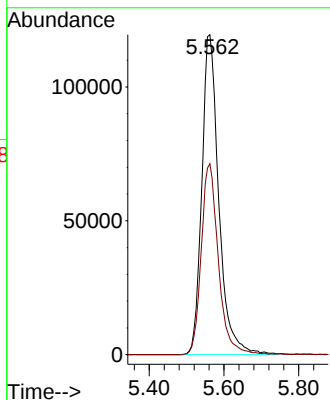
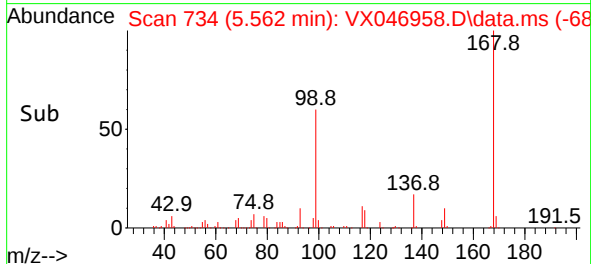
Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion:168 Resp: 377228
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2

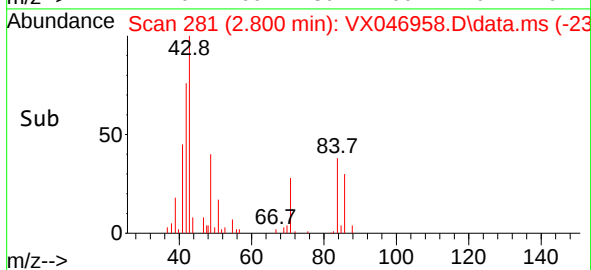
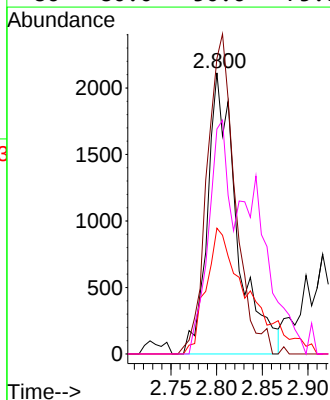
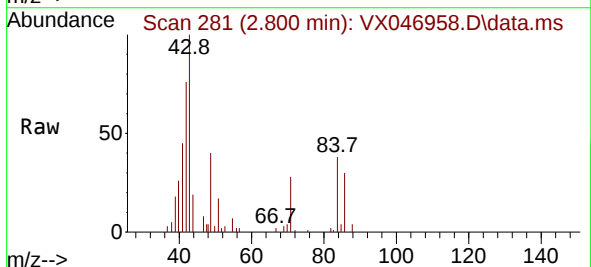
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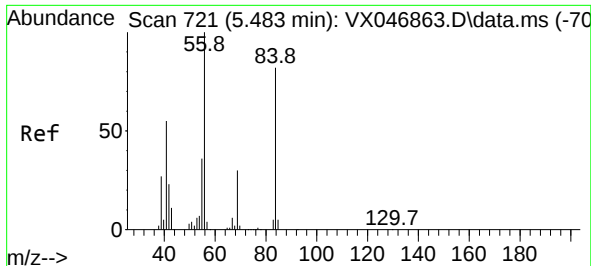
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#20
Methylene Chloride
Concen: 1.037 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

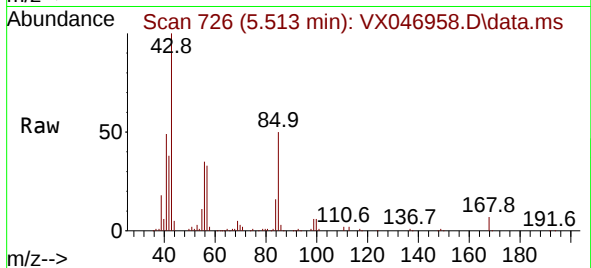
Tgt Ion: 84 Resp: 4748
Ion Ratio Lower Upper
84 100
49 105.1 102.8 154.2
51 44.7 31.1 46.7
86 80.0 50.6 75.8#





#31
Cyclohexane
Concen: 10.310 ug/l
RT: 5.513 min Scan# 721
Delta R.T. 0.030 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

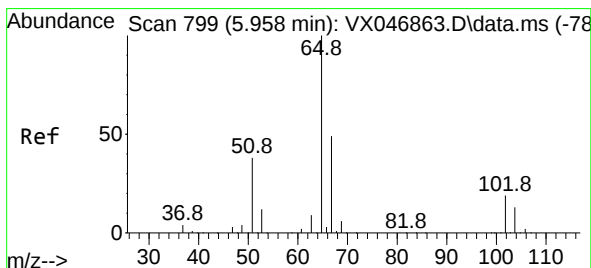
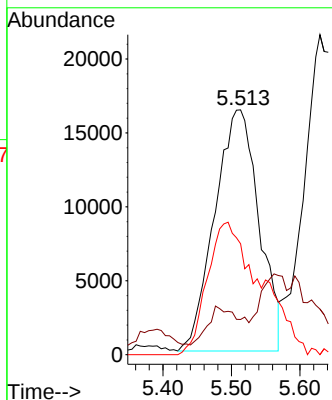
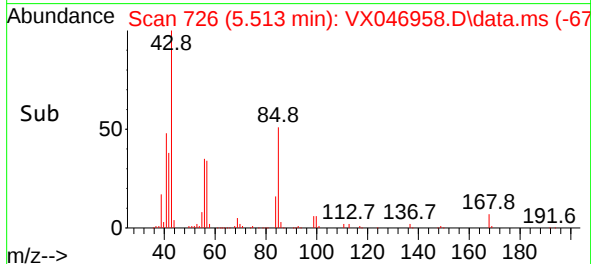
Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion: 56 Resp: 7344
Ion Ratio Lower Upper
56 100
69 7.7 24.0 36.0
84 46.0 66.5 99.7

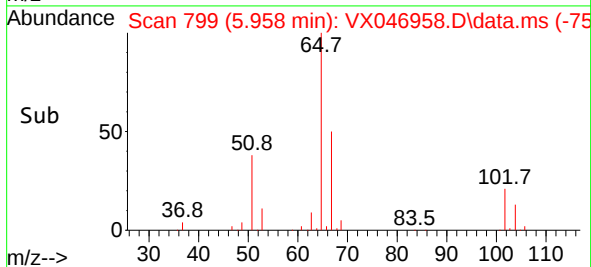
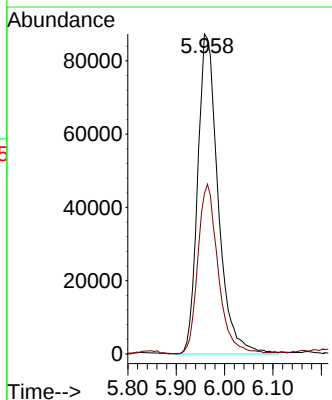
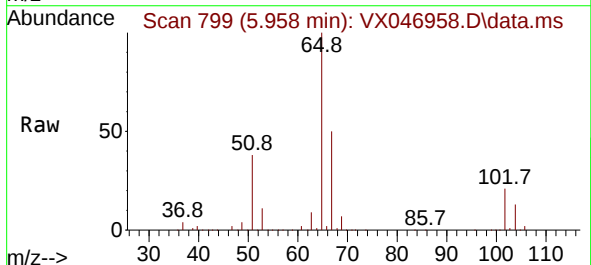
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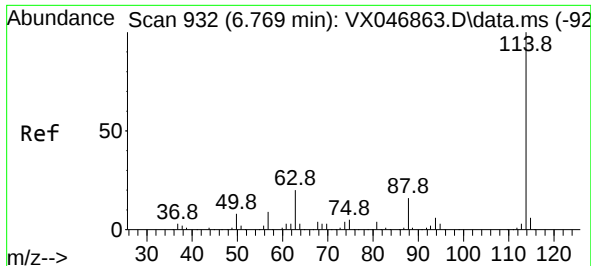
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 51.360 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

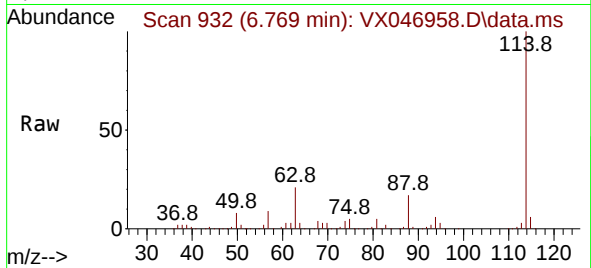
Tgt Ion: 65 Resp: 255953
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

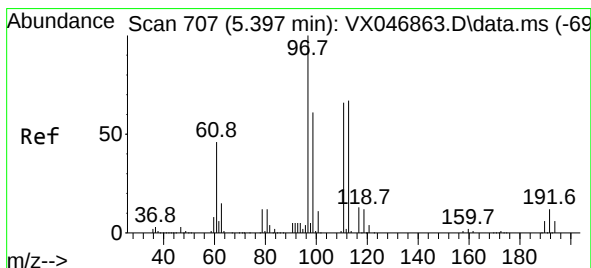
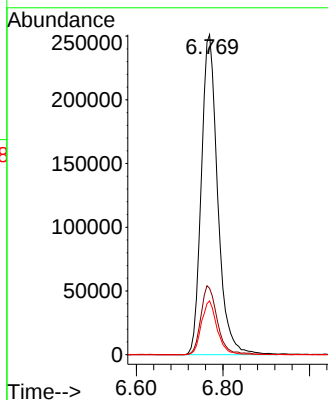
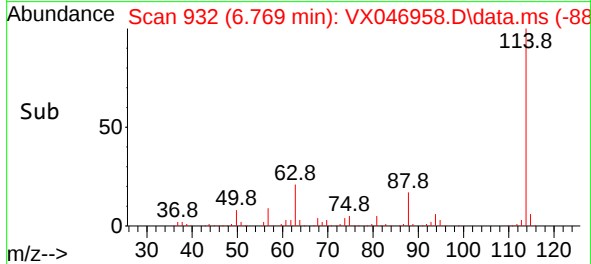
Instrument :
MSVOA_X
ClientSampleId :
GPX8



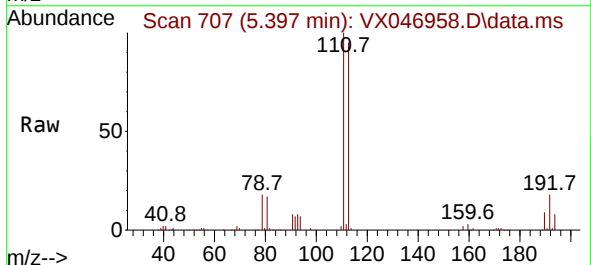
Tgt Ion:114 Resp: 658079
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.4
88 16.8 0.0 31.0

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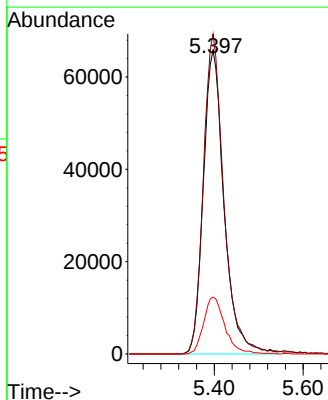
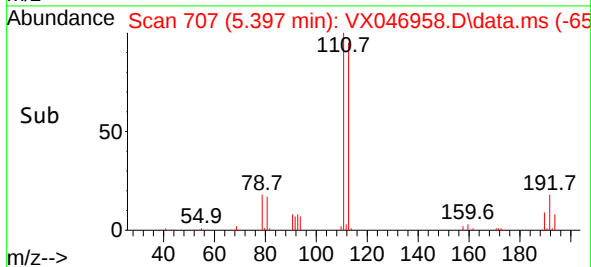
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

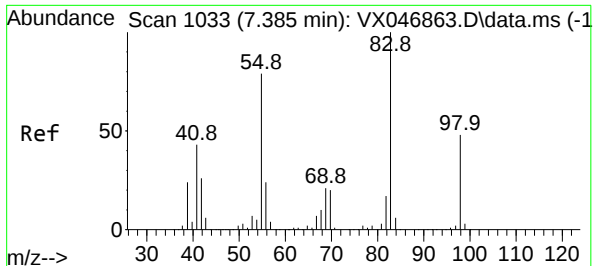


#35
Dibromofluoromethane
Concen: 47.925 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02



Tgt Ion:113 Resp: 214083
Ion Ratio Lower Upper
113 100
111 102.8 81.2 121.8
192 19.2 15.3 22.9





#39

Methylcyclohexane

Concen: 36.344 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046958.D

Acq: 10 Jul 2025 20:02

Instrument :

MSVOA_X

ClientSampleId :

GPX8

Tgt Ion: 83 Resp: 27400

Ion Ratio Lower Upper

83 100

55 84.9 63.0 94.4

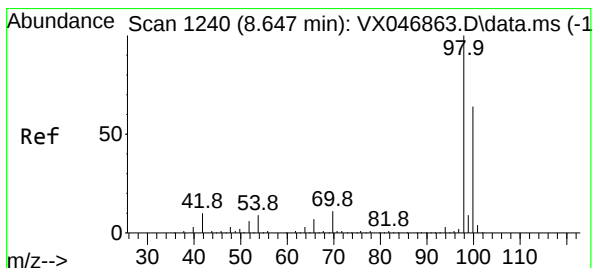
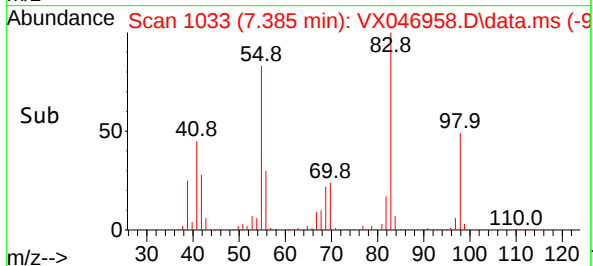
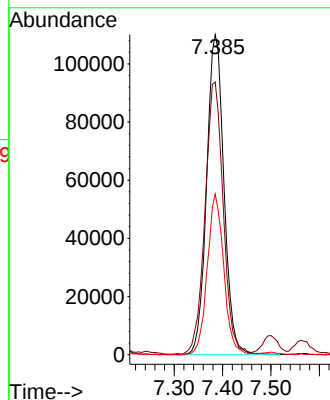
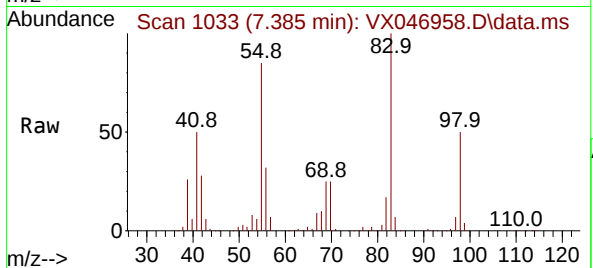
98 50.3 38.5 57.7

Manual Integrations

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Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#50

Toluene-d8

Concen: 49.323 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046958.D

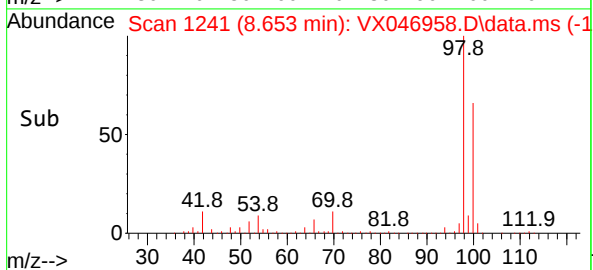
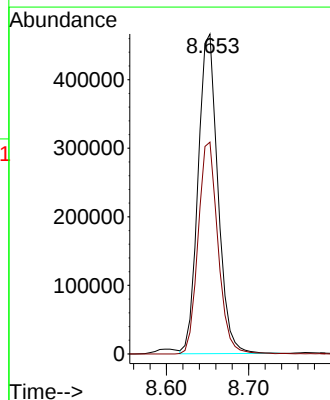
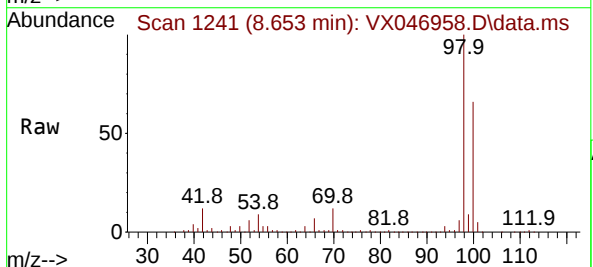
Acq: 10 Jul 2025 20:02

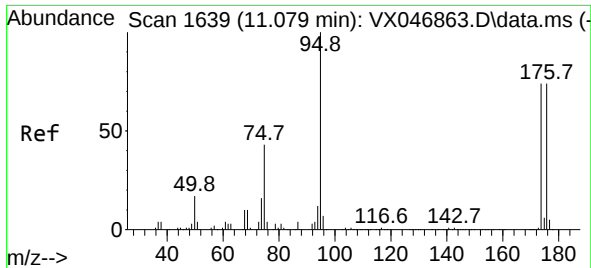
Tgt Ion: 98 Resp: 777364

Ion Ratio Lower Upper

98 100

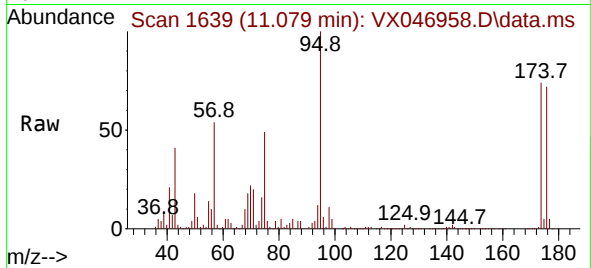
100 66.7 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 49.599 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

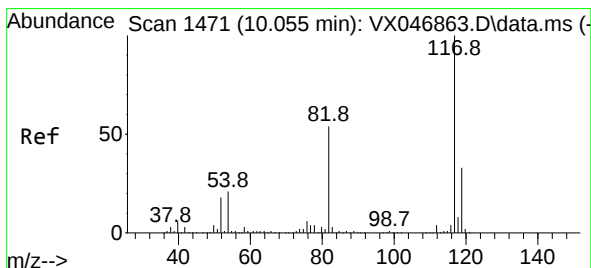
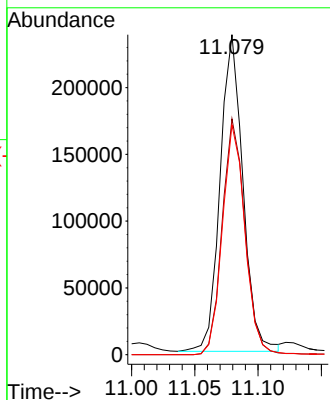
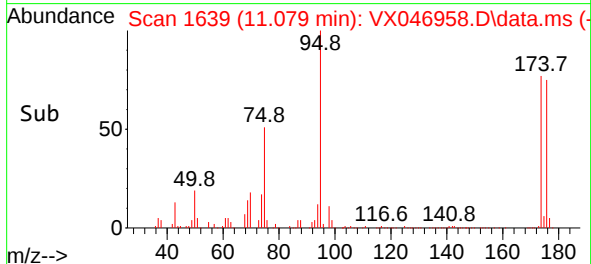
Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion: 95 Resp: 297095
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.0
176 72.3 0.0 145.2

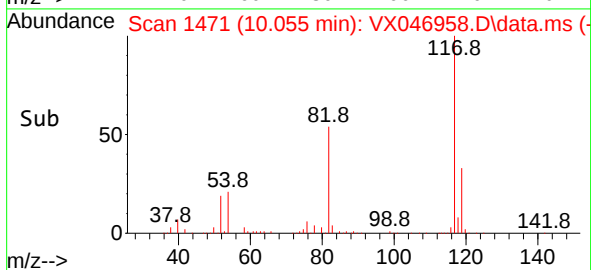
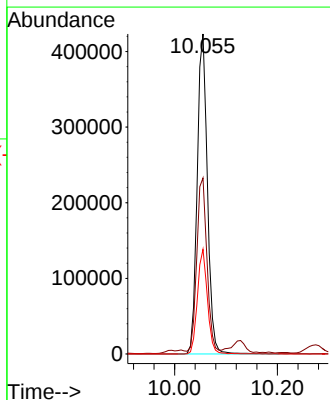
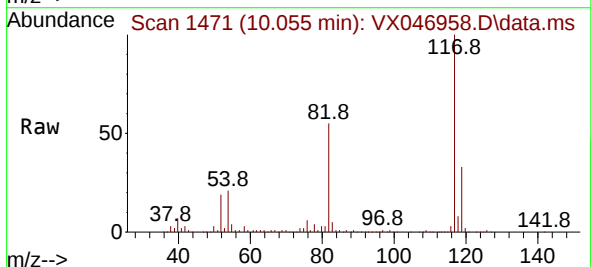
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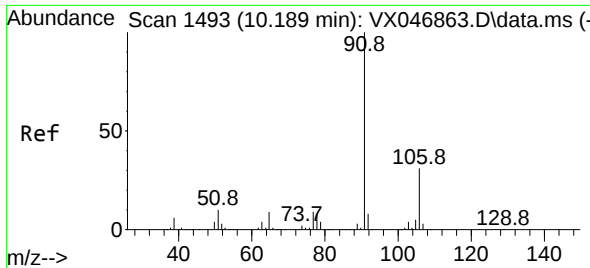
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Tgt Ion:117 Resp: 584775
Ion Ratio Lower Upper
117 100
82 54.6 43.3 64.9
119 32.7 26.4 39.6





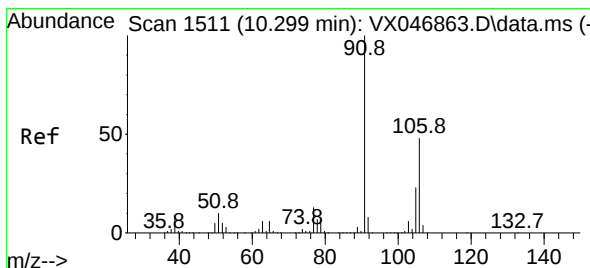
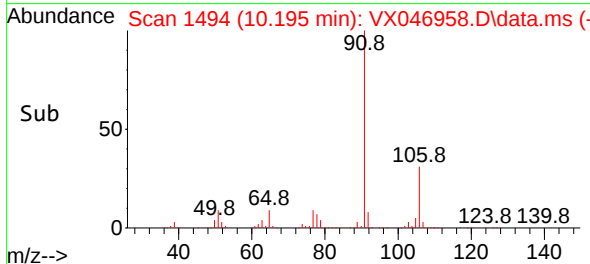
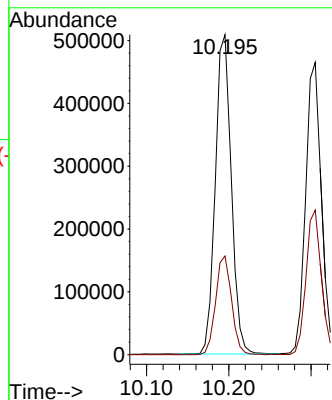
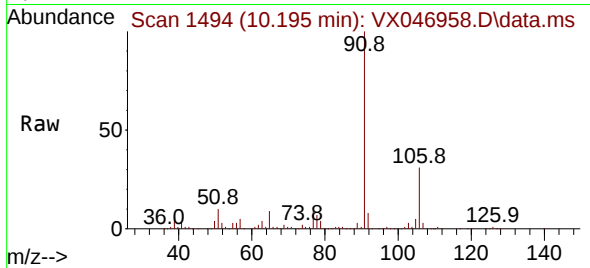
#67
Ethyl Benzene
Concen: 31.734 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Instrument :
MSVOA_X
ClientSampleId :
GPX8

Tgt Ion: 91 Resp: 68709
Ion Ratio Lower Upper
91 100
106 30.9 24.4 36.6

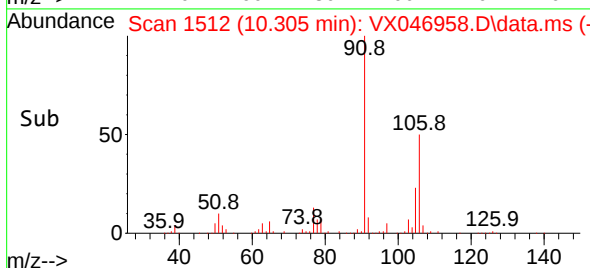
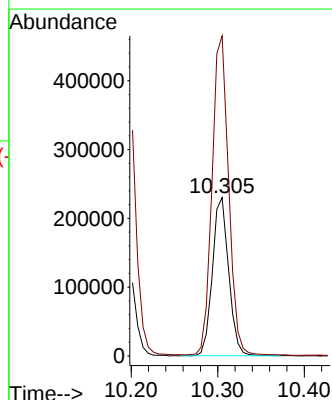
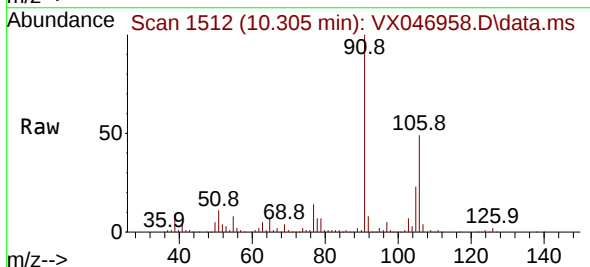
Manual Integrations
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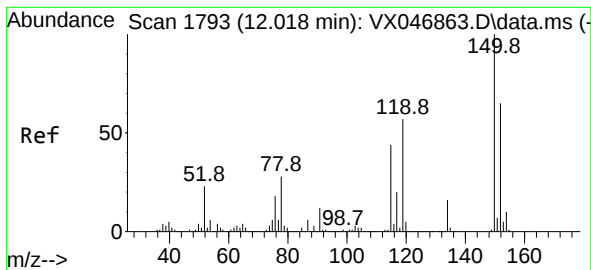
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
m/p-Xylenes
Concen: 36.698 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

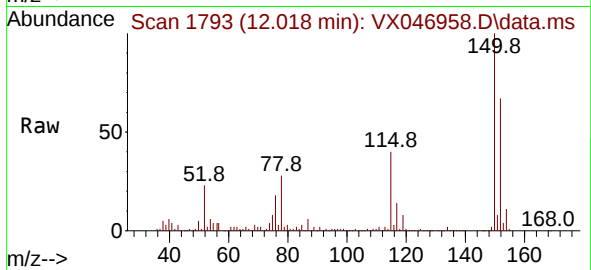
Tgt Ion:106 Resp: 299409
Ion Ratio Lower Upper
106 100
91 206.7 164.6 246.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

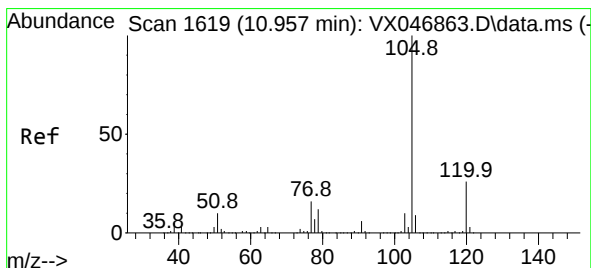
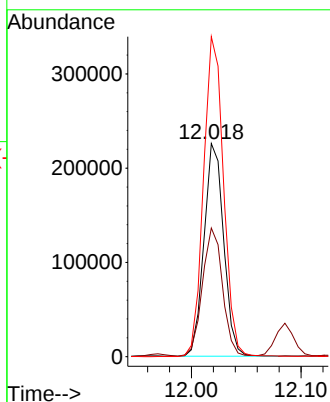
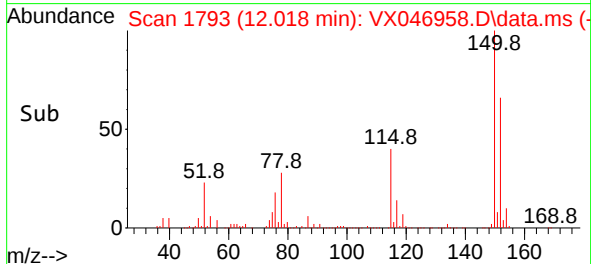
Instrument :
MSVOA_X
ClientSampleId :
GPX8



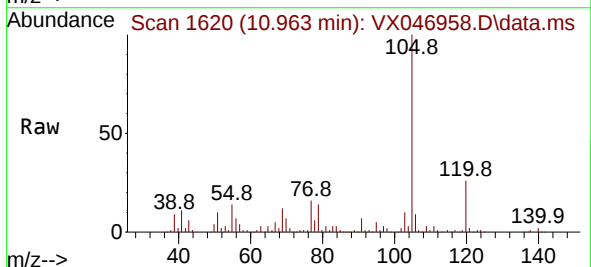
Tgt Ion:152 Resp: 281510
Ion Ratio Lower Upper
152 100
115 61.3 42.4 127.1
150 152.8 0.0 349.2

Manual Integrations
APPROVED

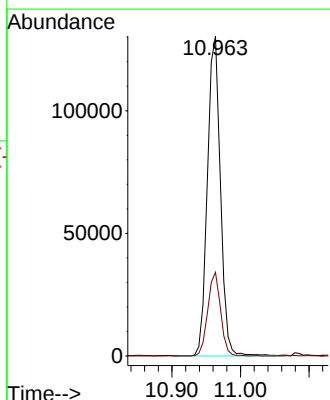
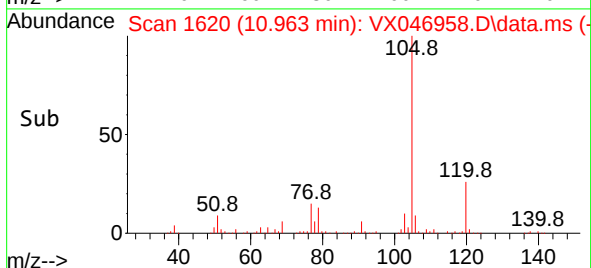
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

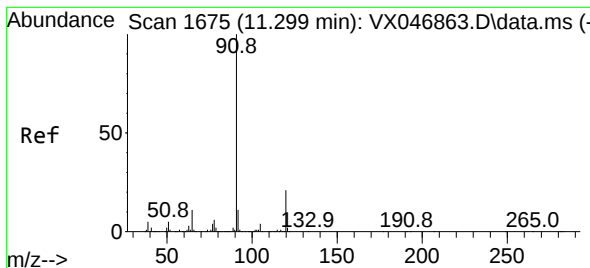


#73
Isopropylbenzene
Concen: 8.726 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02



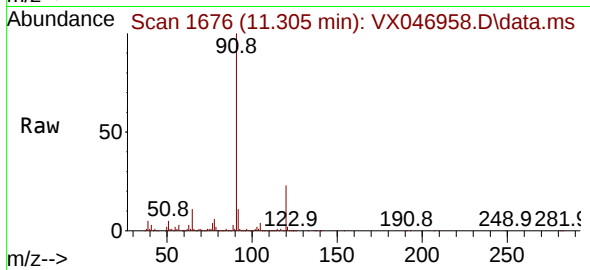
Tgt Ion:105 Resp: 172680
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5





#78
n-propylbenzene
Concen: 28.469 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

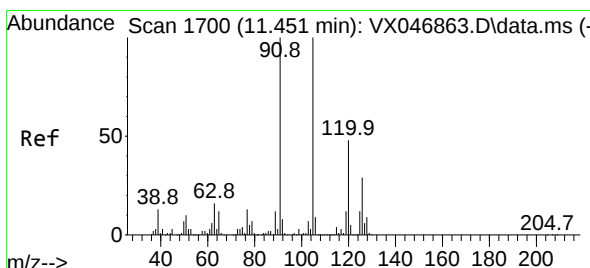
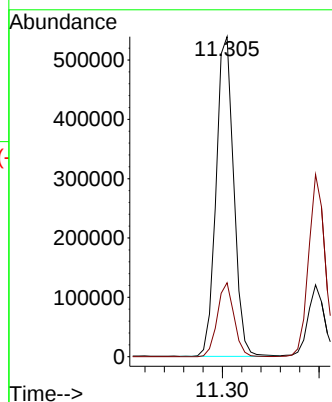
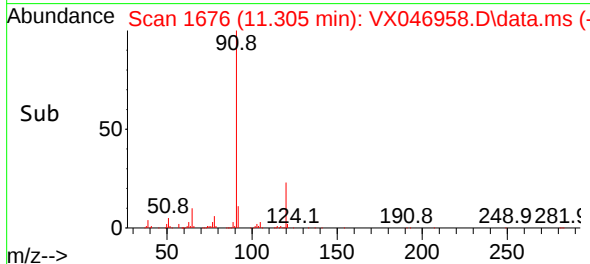
Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion: 91 Resp: 67932
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

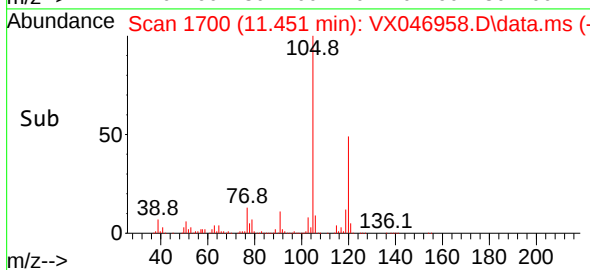
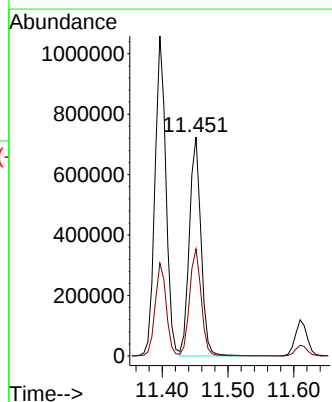
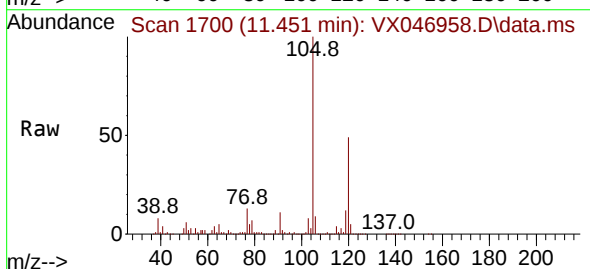
Manual Integrations
APPROVED

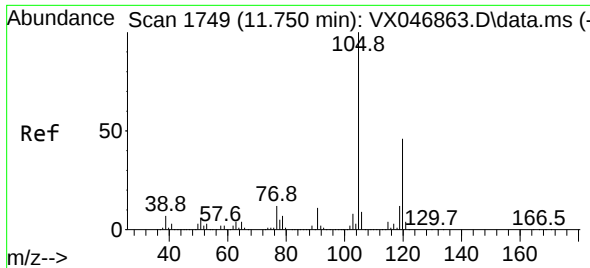
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 54.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

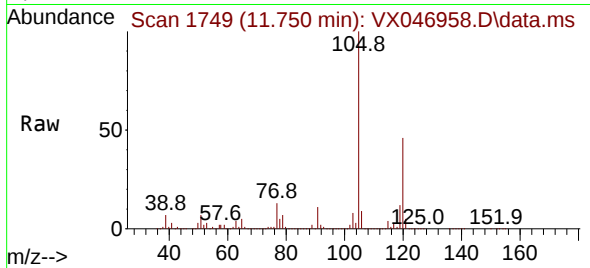
Tgt Ion:105 Resp: 880135
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.4





#84
1,2,4-Trimethylbenzene
Concen: 250.053 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

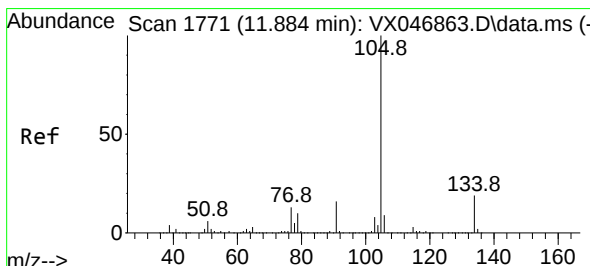
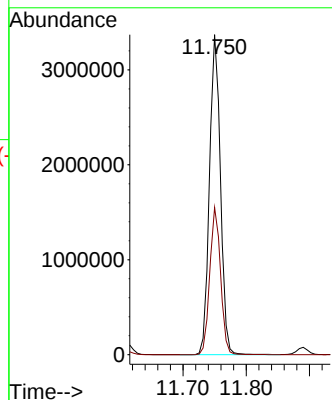
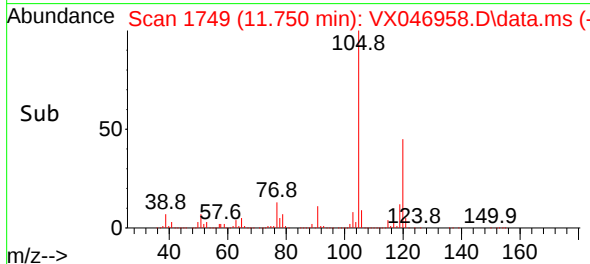
Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion:105 Resp: 406406
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8

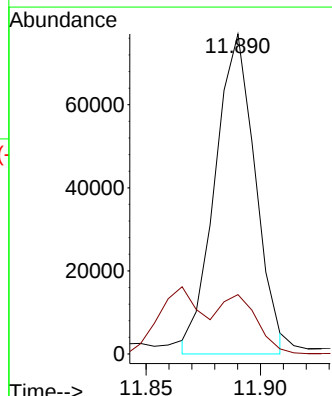
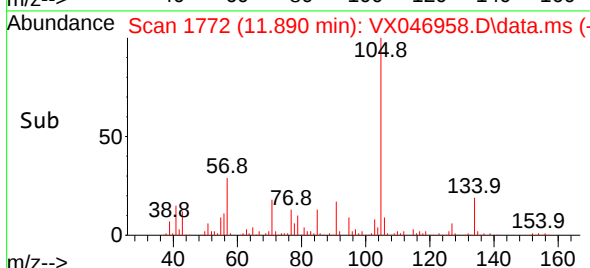
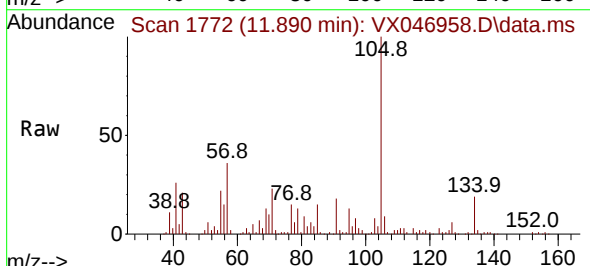
Manual Integrations
APPROVED

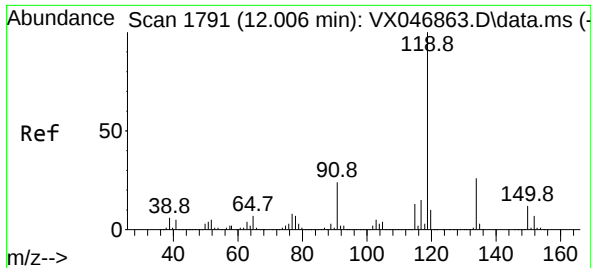
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#85
sec-Butylbenzene
Concen: 4.506 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

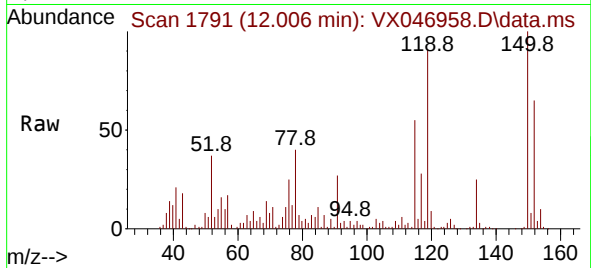
Tgt Ion:105 Resp: 94342
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#86
p-Isopropyltoluene
Concen: 4.404 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

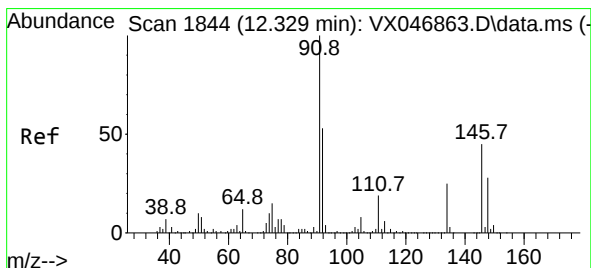
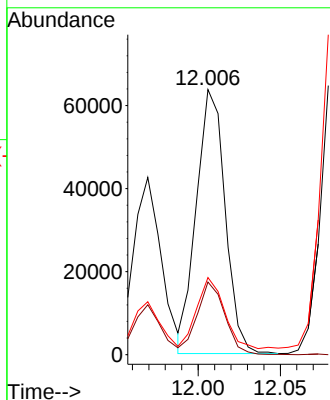
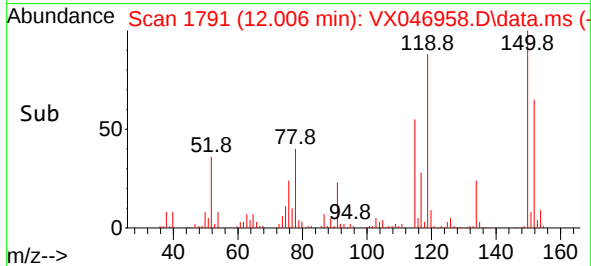
Instrument :
MSVOA_X
ClientSampleId :
GPX8



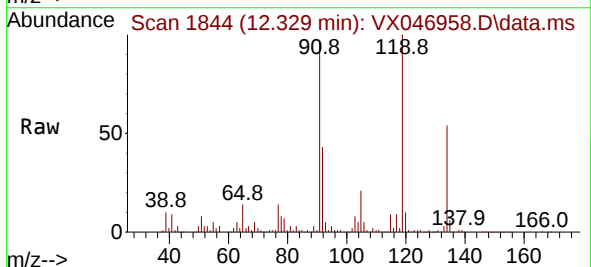
Tgt Ion:119 Resp: 77218
Ion Ratio Lower Upper
119 100
134 26.6 13.0 39.0
91 26.8 12.0 36.1

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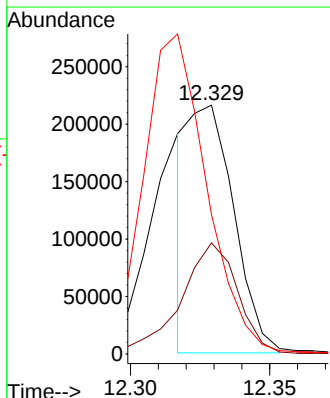
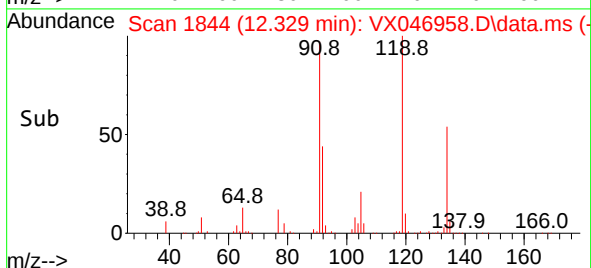
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

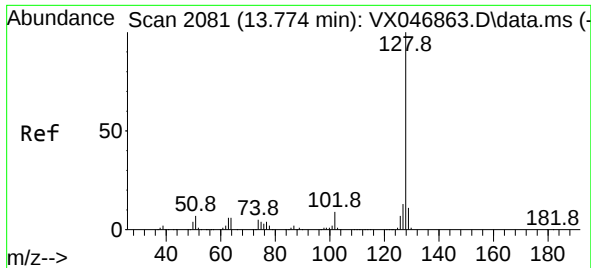


#89
n-Butylbenzene
Concen: 14.734 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02



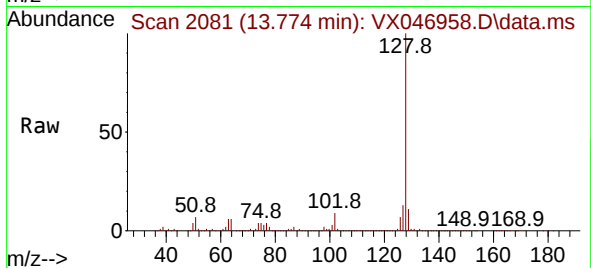
Tgt Ion: 91 Resp: 242755
Ion Ratio Lower Upper
91 100
92 56.4 27.0 81.0
134 179.0 12.8 38.4#





#95
Naphthalene
Concen: 38.875 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046958.D
Acq: 10 Jul 2025 20:02

Instrument :
MSVOA_X
ClientSampleId :
GPX8



Tgt Ion:128 Resp: 621711
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.7 8.6 13.0

Manual Integrations
APPROVED

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

