

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046955.D
 Acq On : 10 Jul 2025 18:59
 Operator : JC/MD
 Sample : Q2480-05 10X
 Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GPX5

Manual Integrations
 APPROVED

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

Quant Time: Jul 11 01:37:33 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	264865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	461340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	192639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	178446	50.997	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.000%			
35) Dibromofluoromethane	5.397	113	150084	47.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.860%			
50) Toluene-d8	8.653	98	551801	49.942	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.880%			
62) 4-Bromofluorobenzene	11.079	95	209010	49.774	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.540%			
Target Compounds					Qvalue	
10) Methyl Iodide	2.477	142	3359	1.038	ug/l	98
20) Methylene Chloride	2.800	84	4732	1.472	ug/l #	91
39) Methylcyclohexane	7.385	83	138585	26.221	ug/l	97
67) Ethyl Benzene	10.195	91	537747	35.598	ug/l	100
68) m/p-Xylenes	10.305	106	244497	42.953	ug/l	100
73) Isopropylbenzene	10.964	105	131839	9.736	ug/l	98
78) n-propylbenzene	11.305	91	537745	32.932	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	729271	66.276	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	2871740	258.206	ug/l	98
85) sec-Butylbenzene	11.890	105	78727m	5.494	ug/l	
86) p-Isopropyltoluene	12.006	119	57560	4.797	ug/l	97
89) n-Butylbenzene	12.329	91	188897m	16.754	ug/l	
94) Hexachlorobutadiene	13.719	225	2078	1.327	ug/l	95
95) Naphthalene	13.774	128	492847	45.035	ug/l	98

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

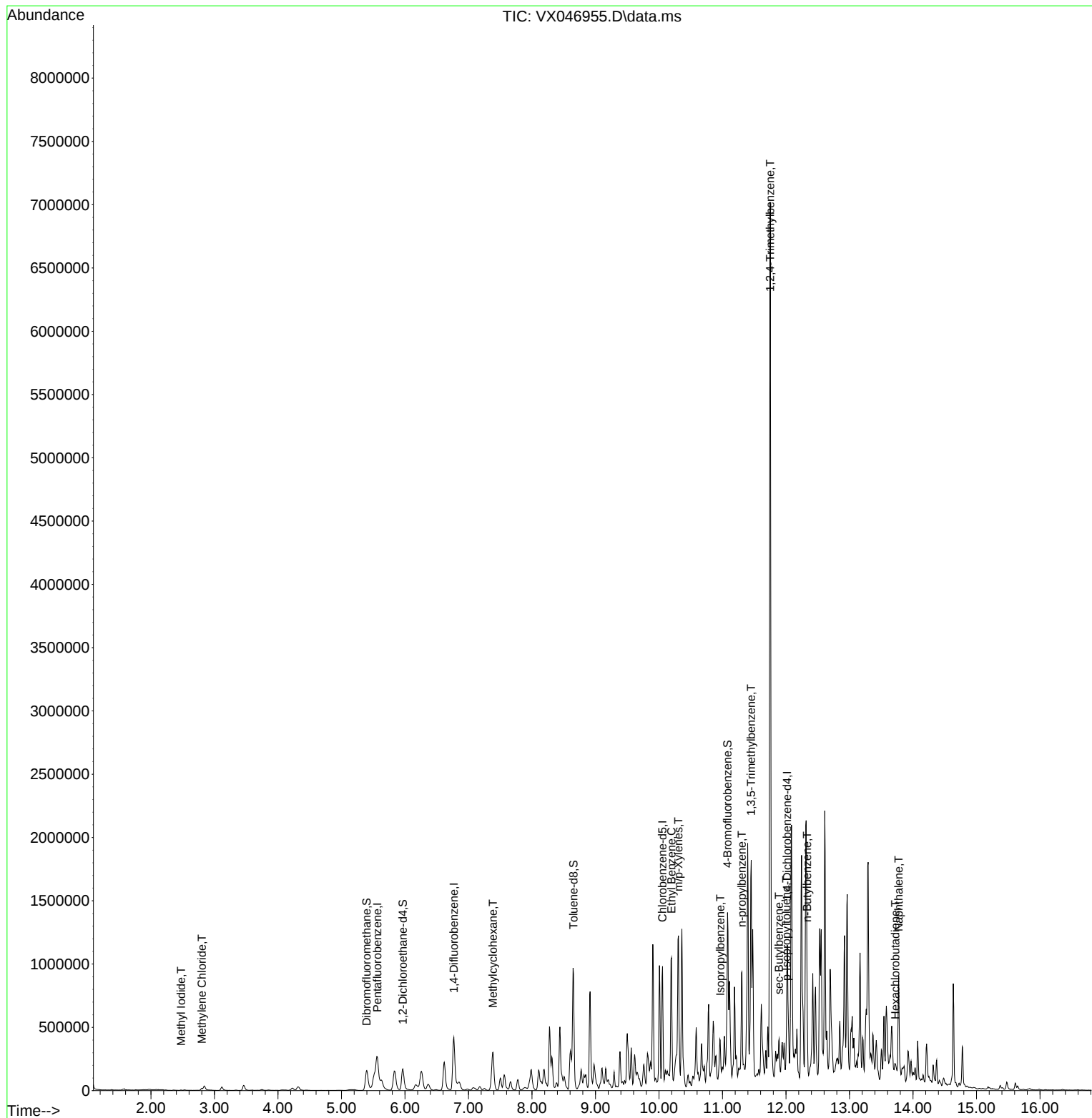
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046955.D
Acq On : 10 Jul 2025 18:59
Operator : JC/MD
Sample : Q2480-05 10X
Misc : 8.59g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

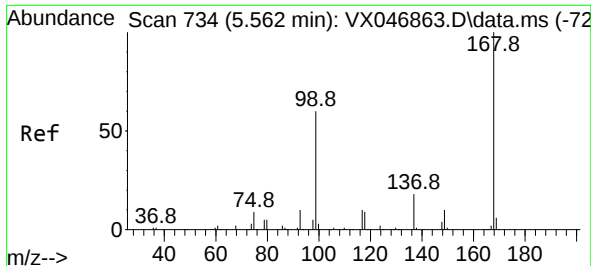
Instrument :
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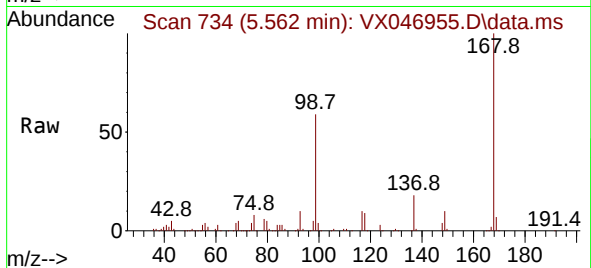
Quant Time: Jul 11 01:37:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

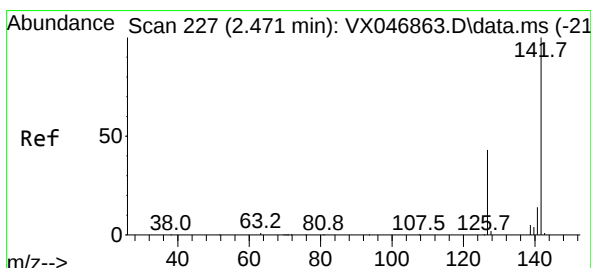
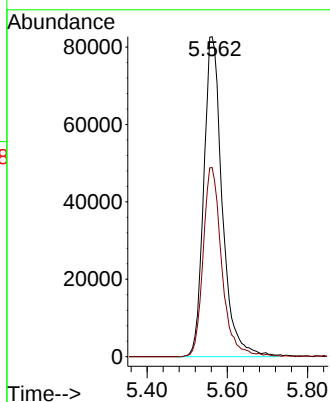
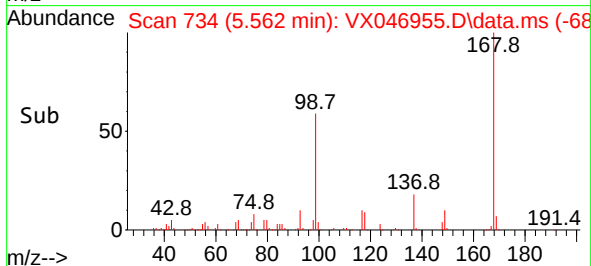
Instrument :
MSVOA_X
ClientSampleId :
GPX5



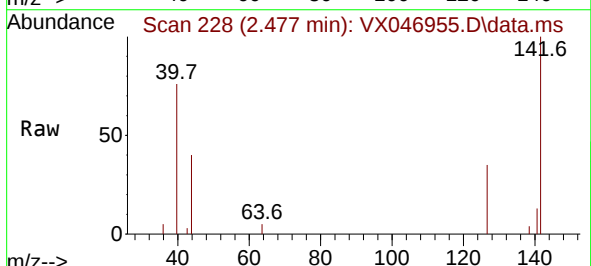
Tgt Ion:168 Resp: 26486
Ion Ratio Lower Upper
168 100
99 59.1 48.8 73.2

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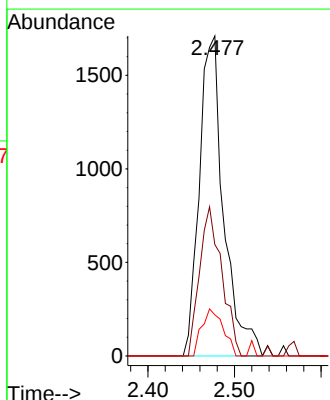
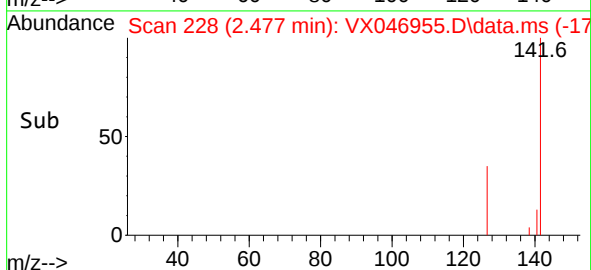
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

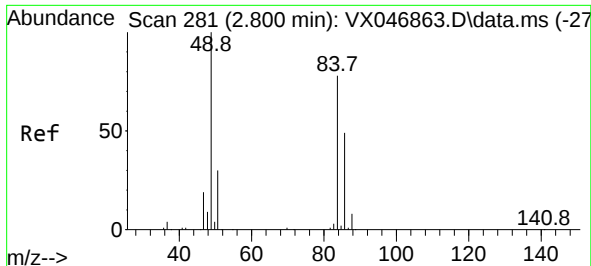


#10
Methyl Iodide
Concen: 1.038 ug/l
RT: 2.477 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



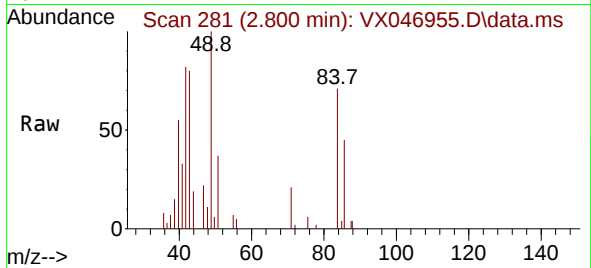
Tgt Ion:142 Resp: 3359
Ion Ratio Lower Upper
142 100
127 42.2 34.9 52.3
141 12.9 11.1 16.7





#20
Methylene Chloride
Concen: 1.472 ug/l
RT: 2.800 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

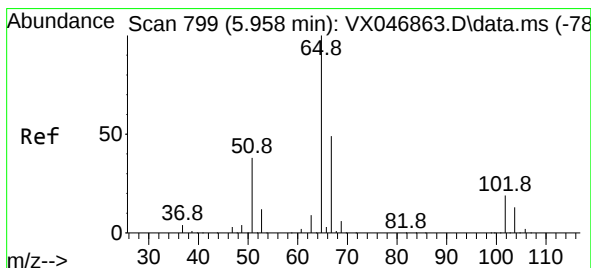
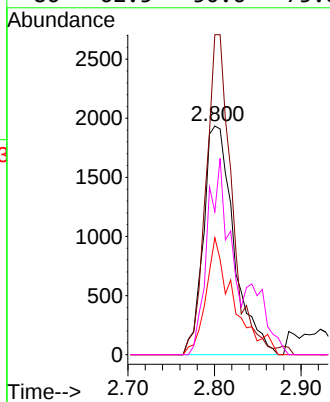
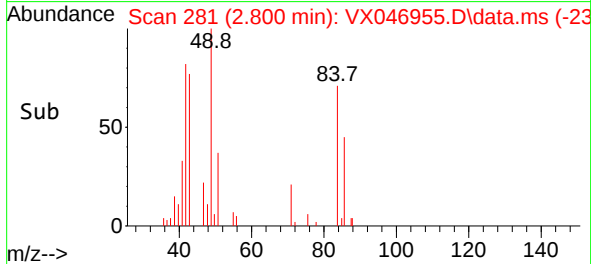
Instrument :
MSVOA_X
ClientSampleId :
GPX5



Tgt Ion: 84 Resp: 473
Ion Ratio Lower Upper
84 100
49 140.0 102.8 154.2
51 51.1 31.1 46.7
86 62.5 50.6 75.8

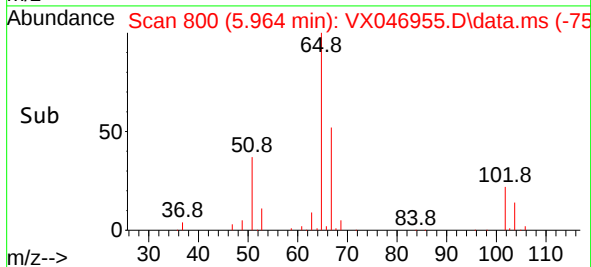
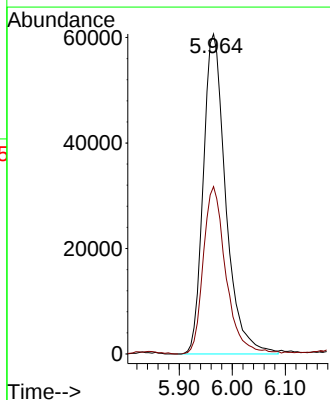
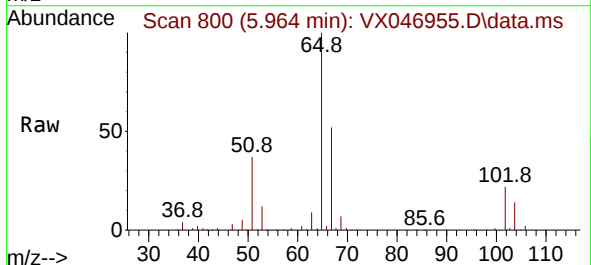
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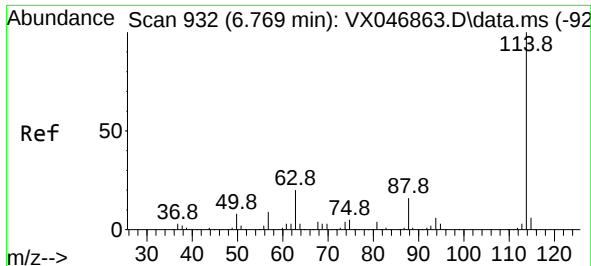
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#33
1,2-Dichloroethane-d4
Concen: 50.997 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

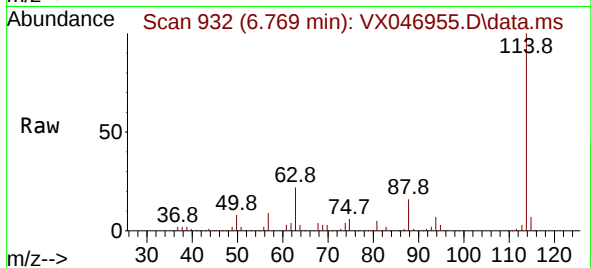
Tgt Ion: 65 Resp: 178446
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

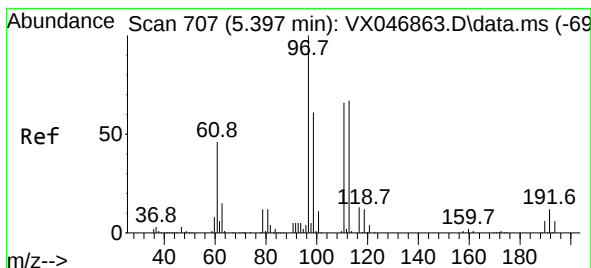
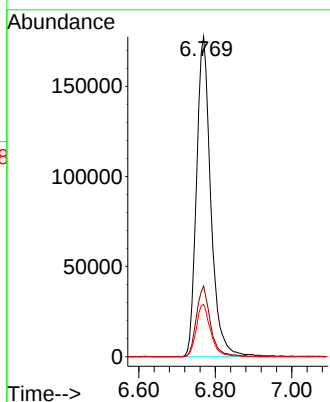
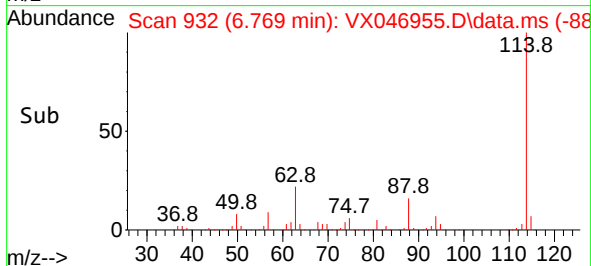
Instrument :
MSVOA_X
ClientSampleId :
GPX5



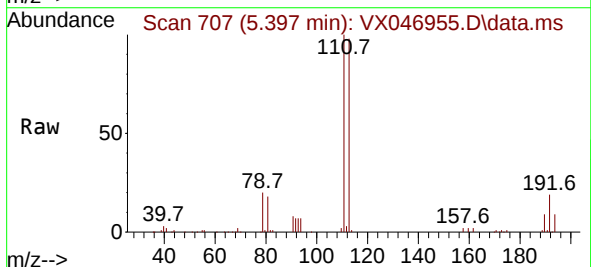
Tgt Ion:114 Resp: 461340
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.4
88 16.4 0.0 31.0

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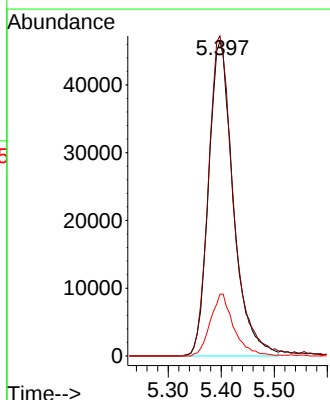
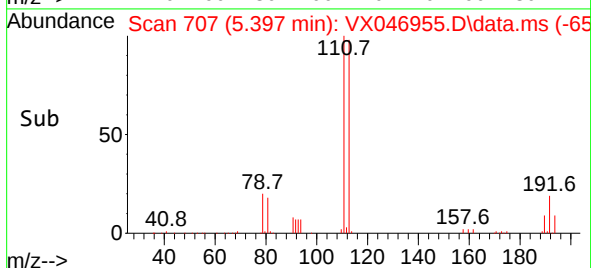
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

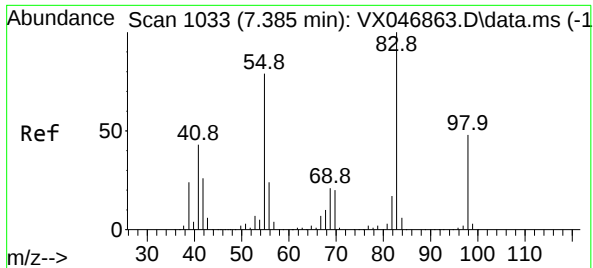


#35
Dibromofluoromethane
Concen: 47.926 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



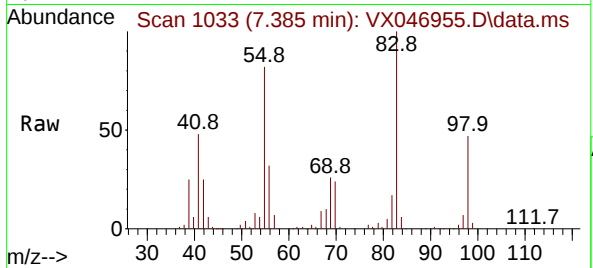
Tgt Ion:113 Resp: 150084
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 18.8 15.3 22.9





#39
Methylcyclohexane
Concen: 26.221 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

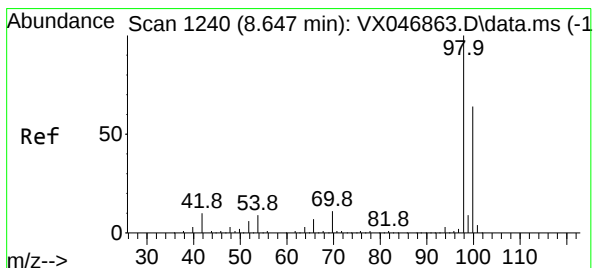
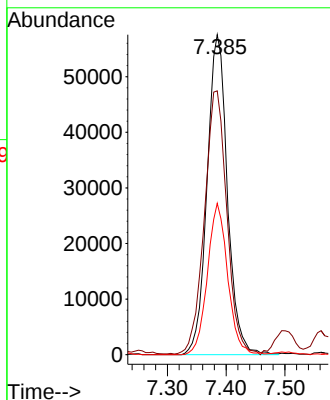
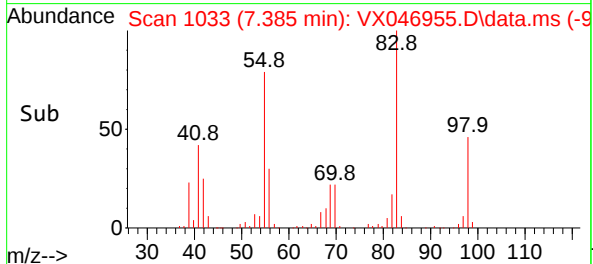
Instrument :
MSVOA_X
ClientSampleId :
GPX5



Tgt Ion: 83 Resp: 13858
Ion Ratio Lower Upper
83 100
55 82.1 63.0 94.4
98 47.3 38.5 57.7

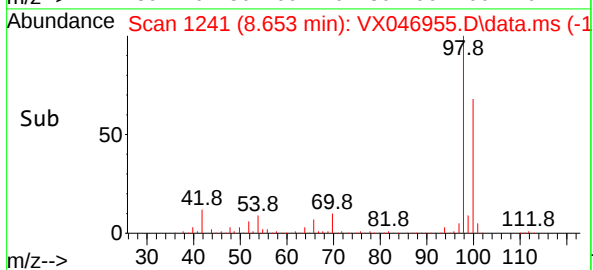
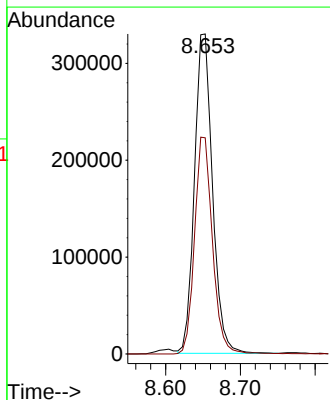
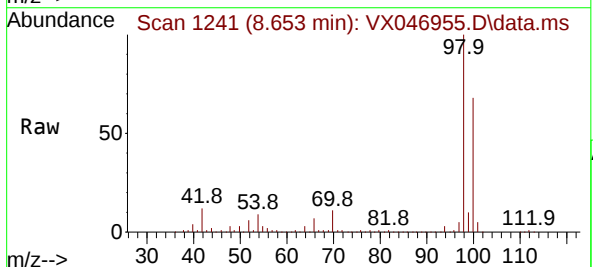
Manual Integrations
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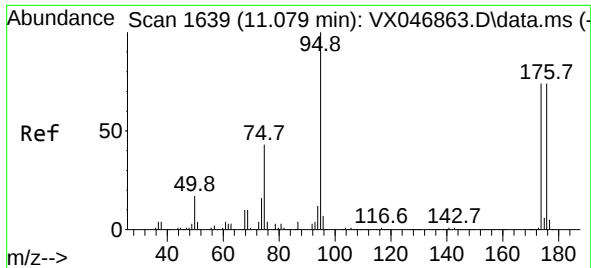
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 49.942 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

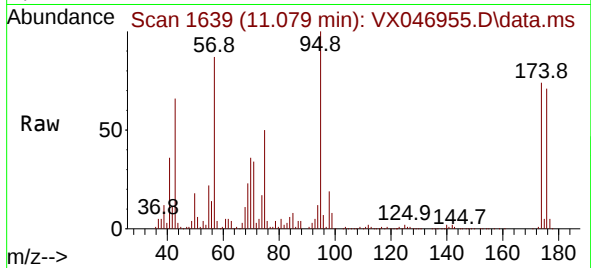
Tgt Ion: 98 Resp: 551801
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 49.774 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

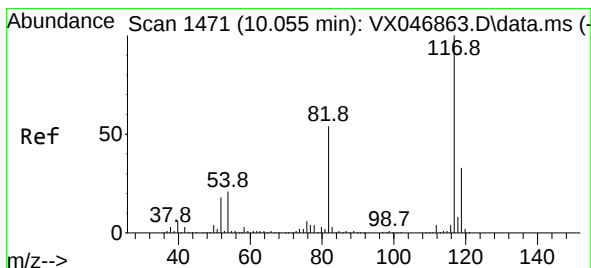
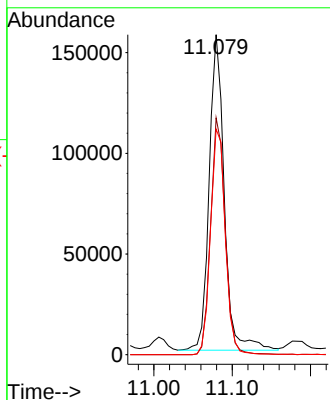
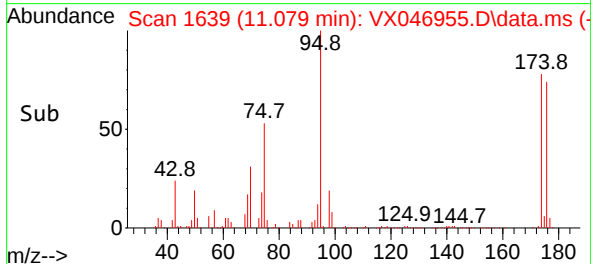
Instrument :
MSVOA_X
ClientSampleId :
GPX5



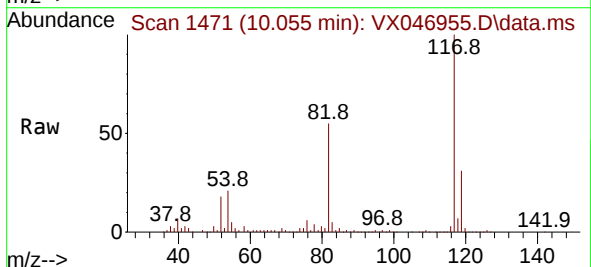
Tgt Ion: 95 Resp: 209010
Ion Ratio Lower Upper
95 100
174 72.7 0.0 152.0
176 70.4 0.0 145.2

Manual Integrations
APPROVED

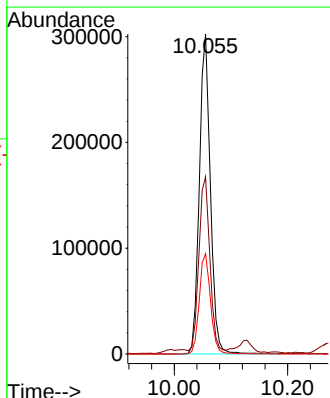
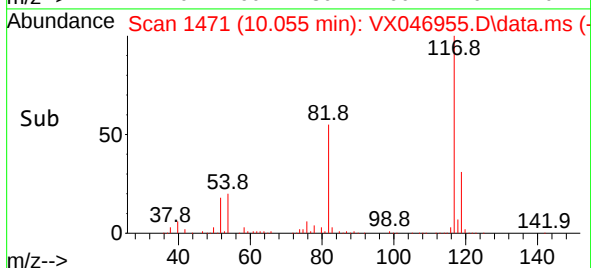
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

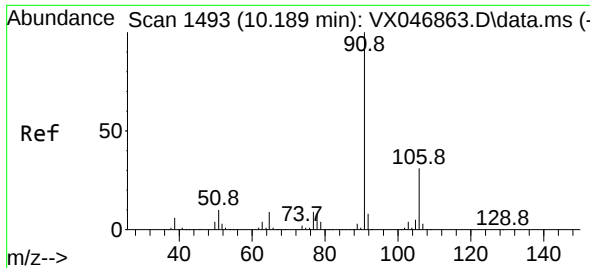


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



Tgt Ion:117 Resp: 407988
Ion Ratio Lower Upper
117 100
82 54.8 43.3 64.9
119 31.4 26.4 39.6





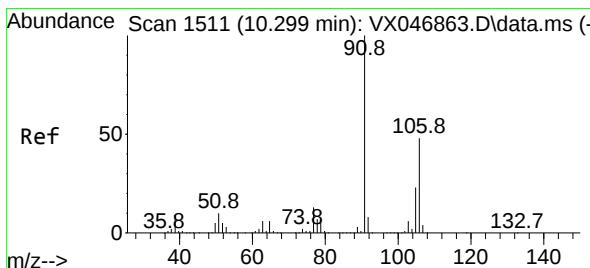
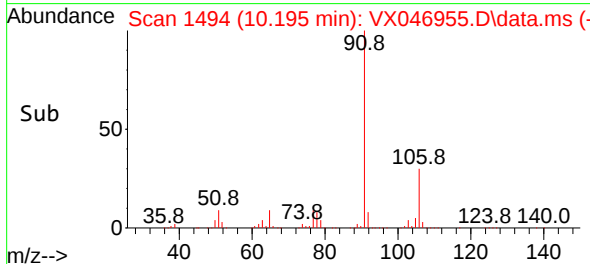
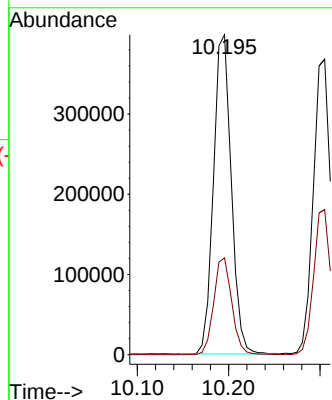
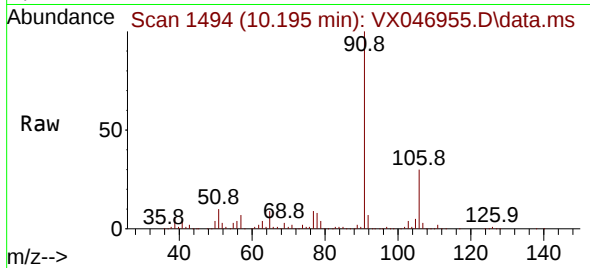
#67
Ethyl Benzene
Concen: 35.598 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Tgt Ion: 91 Resp: 53774
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6

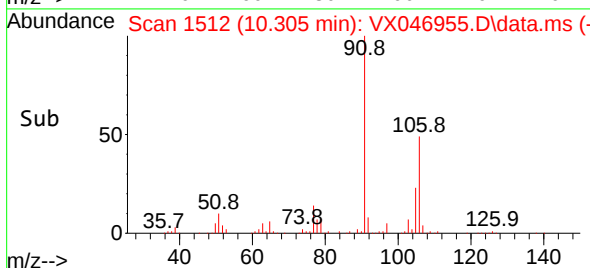
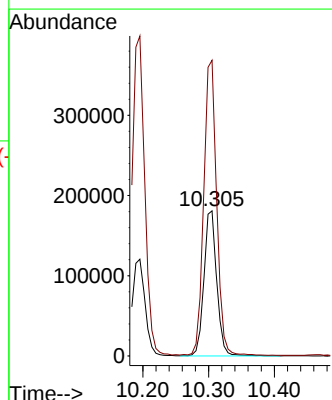
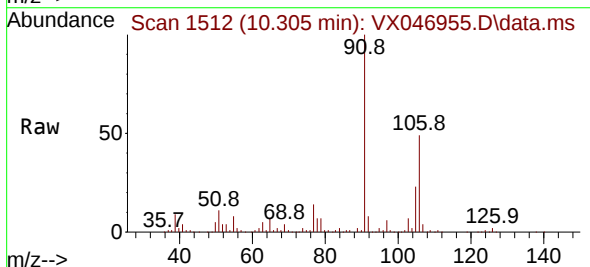
Manual Integrations
APPROVED

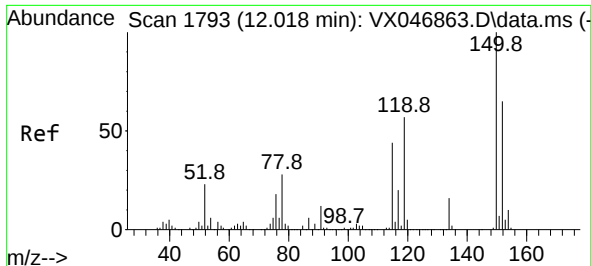
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#68
m/p-Xylenes
Concen: 42.953 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

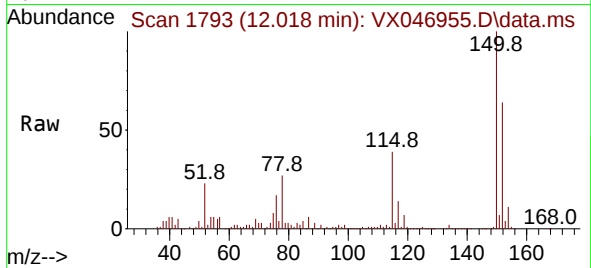
Tgt Ion:106 Resp: 244497
Ion Ratio Lower Upper
106 100
91 205.5 164.6 246.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

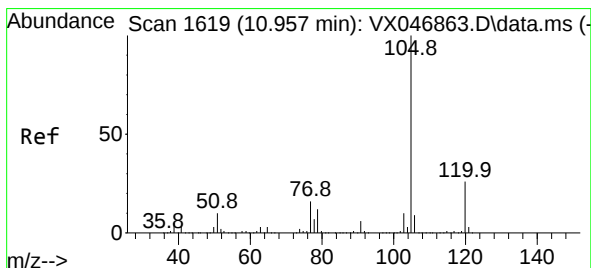
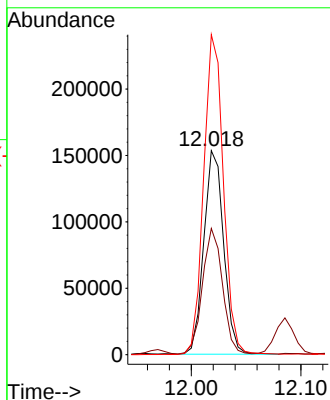
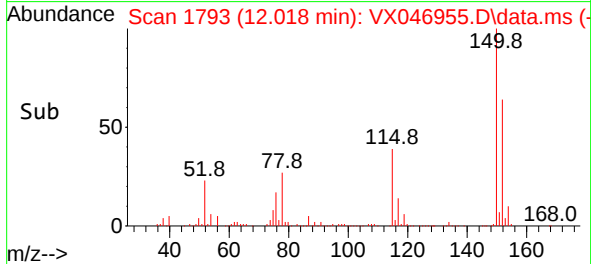
Instrument :
MSVOA_X
ClientSampleId :
GPX5



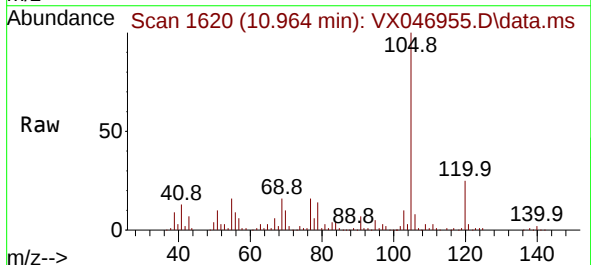
Tgt Ion:152 Resp: 192639
Ion Ratio Lower Upper
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150 157.1 0.0 349.2

Manual Integrations
APPROVED

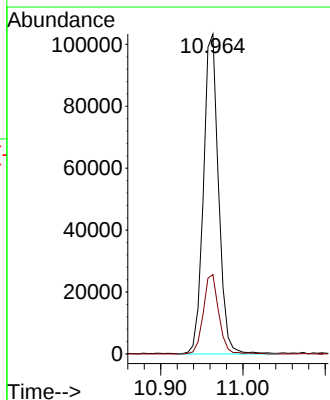
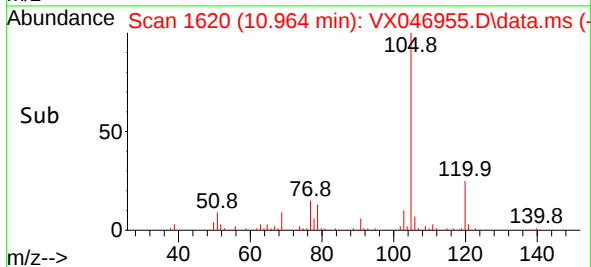
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

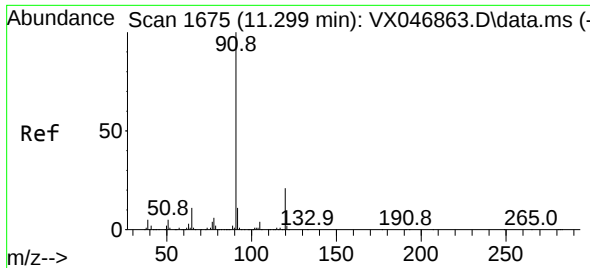


#73
Isopropylbenzene
Concen: 9.736 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



Tgt Ion:105 Resp: 131839
Ion Ratio Lower Upper
105 100
120 25.4 13.2 39.5





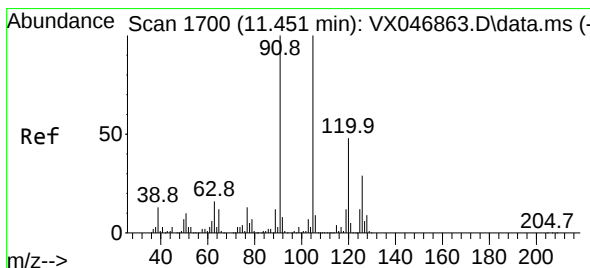
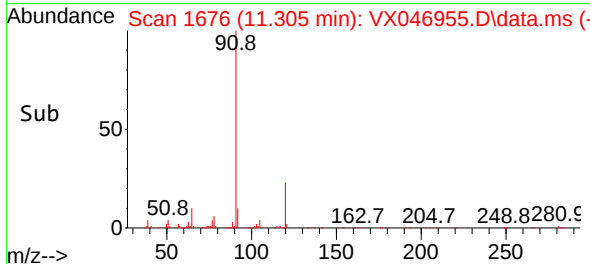
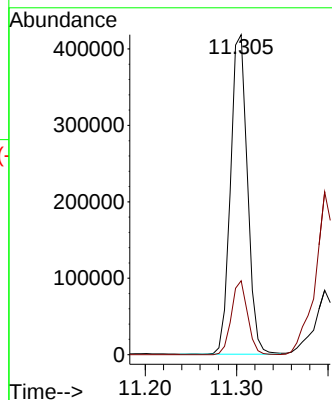
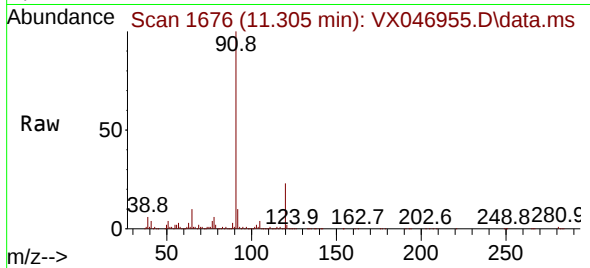
#78
n-propylbenzene
Concen: 32.932 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Tgt Ion: 91 Resp: 537749
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5

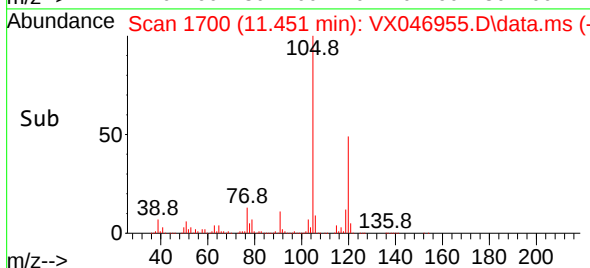
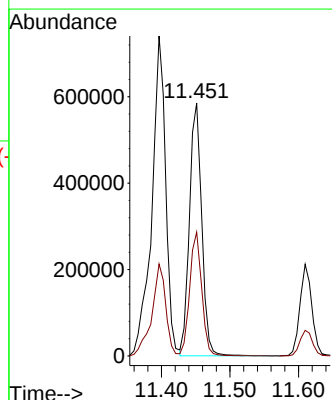
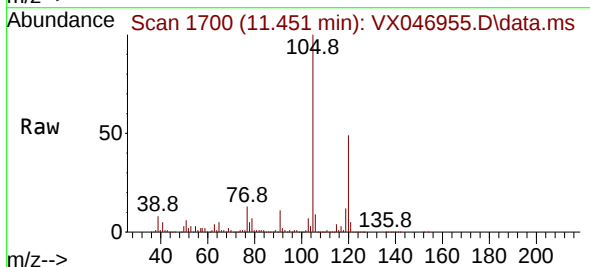
Manual Integrations
APPROVED

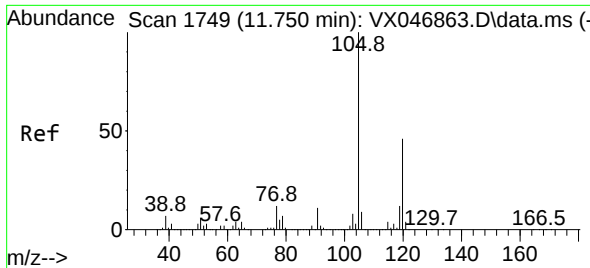
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 66.276 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

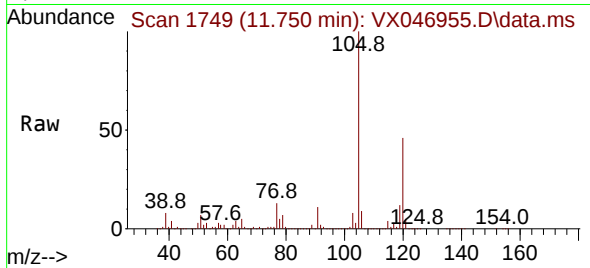
Tgt Ion:105 Resp: 729271
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.4





#84
1,2,4-Trimethylbenzene
Concen: 258.206 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

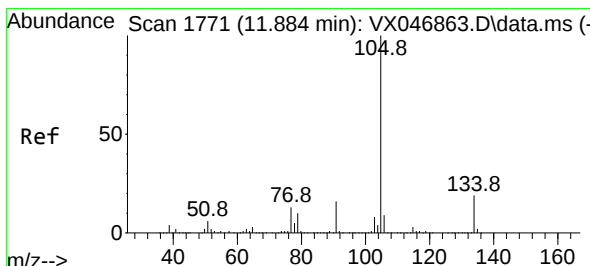
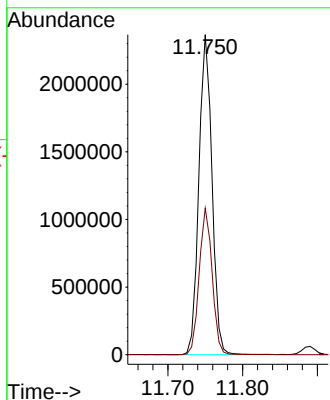
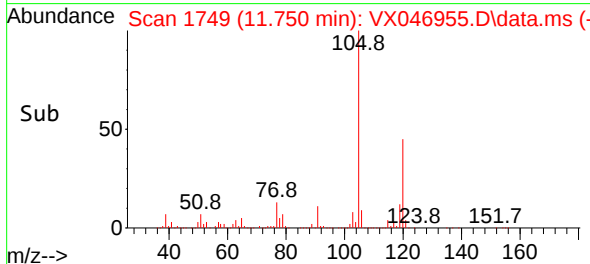
Instrument :
MSVOA_X
ClientSampleId :
GPX5



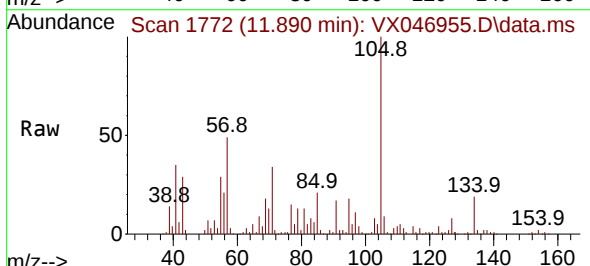
Tgt Ion:105 Resp: 2871740
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8

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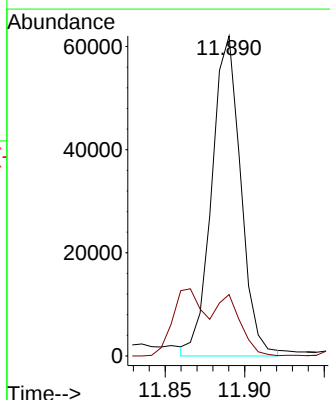
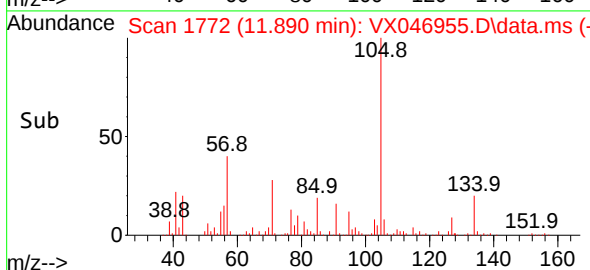
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

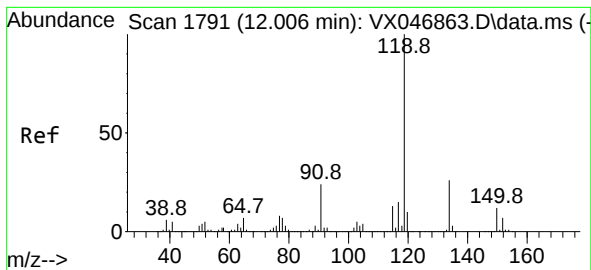


#85
sec-Butylbenzene
Concen: 5.494 ug/l m
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



Tgt Ion:105 Resp: 78727
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





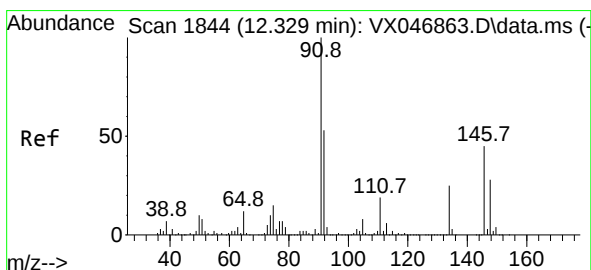
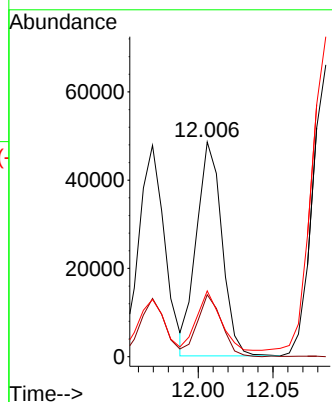
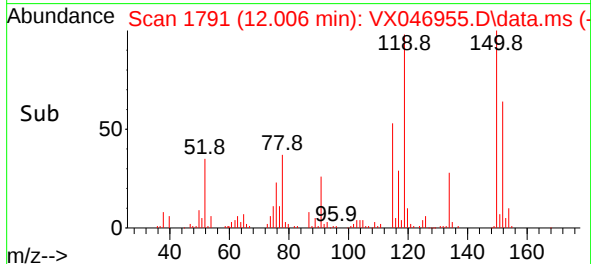
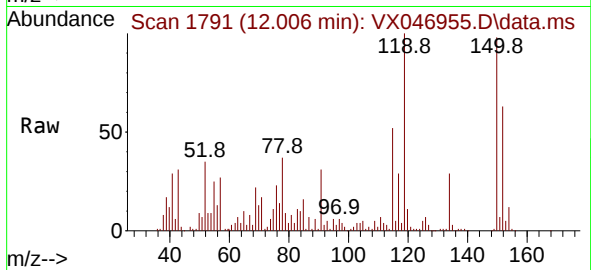
#86
p-Isopropyltoluene
Concen: 4.797 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

Instrument :
MSVOA_X
ClientSampleId :
GPX5

Tgt Ion:119 Resp: 57560
Ion Ratio Lower Upper
119 100
134 27.7 13.0 39.0
91 25.6 12.0 36.1

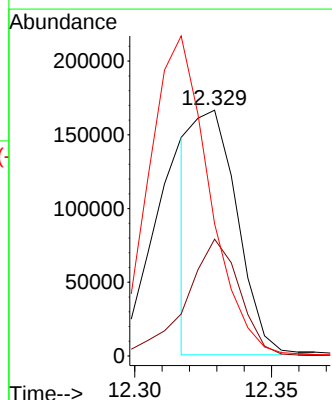
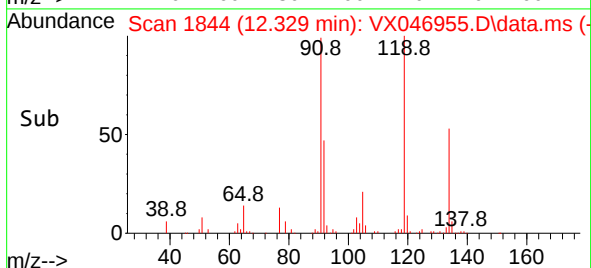
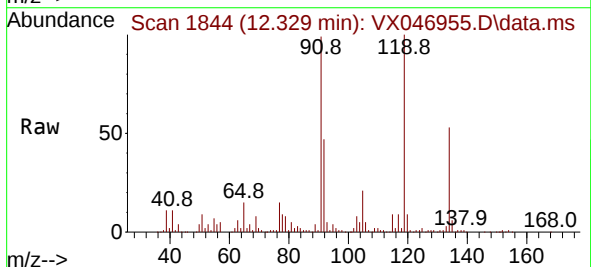
Manual Integrations
APPROVED

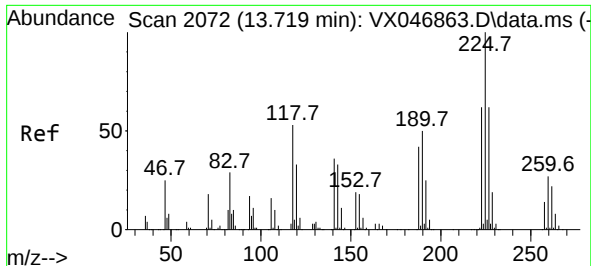
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#89
n-Butylbenzene
Concen: 16.754 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

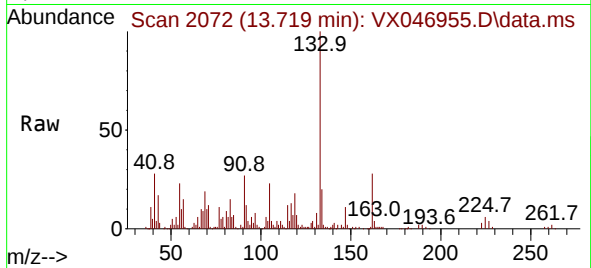
Tgt Ion: 91 Resp: 188897
Ion Ratio Lower Upper
91 100
92 57.5 27.0 81.0
134 175.2 12.8 38.4#





#94
Hexachlorobutadiene
Concen: 1.327 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59

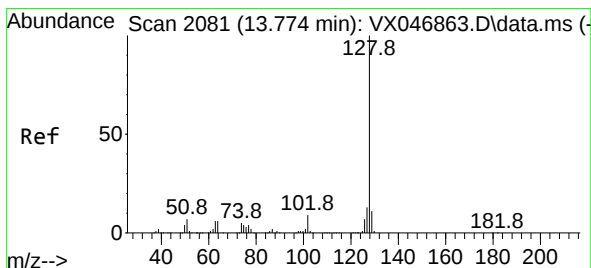
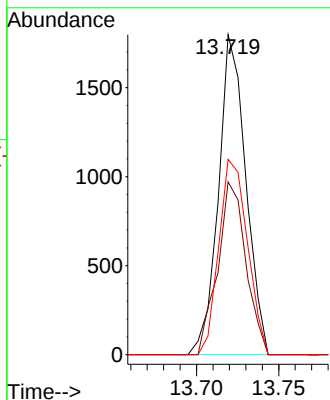
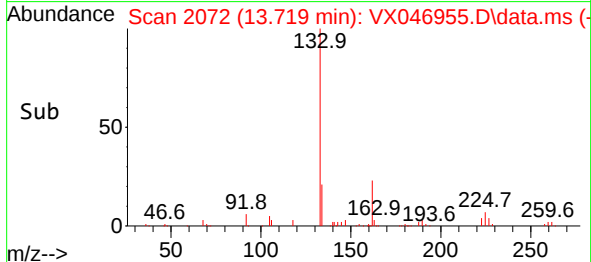
Instrument :
MSVOA_X
ClientSampleId :
GPX5



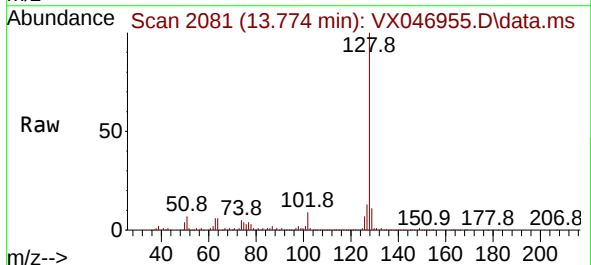
Tgt Ion:225 Resp: 2078
Ion Ratio Lower Upper
225 100
223 55.6 31.6 94.7
227 63.7 31.6 94.7

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 45.035 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046955.D
Acq: 10 Jul 2025 18:59



Tgt Ion:128 Resp: 492847
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.9 8.6 13.0

