

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046875.D
 Acq On : 03 Jul 2025 10:44
 Operator : JC/MD
 Sample : Q2455-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1

Quant Time: Jul 04 01:28:26 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	370531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	627398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	574040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	236402	48.294	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.580%		
35) Dibromofluoromethane	5.397	113	202646	47.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.160%		
50) Toluene-d8	8.647	98	752026	50.049	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.100%		
62) 4-Bromofluorobenzene	11.079	95	281328	49.263	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.520%		
Target Compounds					Qvalue	
31) Cyclohexane	5.495	56	24008	3.431	ug/l	89
39) Methylcyclohexane	7.391	83	21855	3.041	ug/l	94
40) Benzene	6.056	78	11069	0.637	ug/l #	90
52) Toluene	8.720	92	99691	9.257	ug/l	98
67) Ethyl Benzene	10.195	91	444706	20.923	ug/l	99
68) m/p-Xylenes	10.299	106	930966	116.241	ug/l	100
69) o-Xylene	10.640	106	293176	37.896	ug/l	99
73) Isopropylbenzene	10.963	105	148631	7.674	ug/l	98
78) n-propylbenzene	11.305	91	207939	8.904	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	435995	27.705	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	1378607	86.670	ug/l	98
85) sec-Butylbenzene	11.890	105	16861m	0.823	ug/l	
94) Hexachlorobutadiene	13.719	225	2479	1.107	ug/l	96
95) Naphthalene	13.774	128	157848	10.085	ug/l	99

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

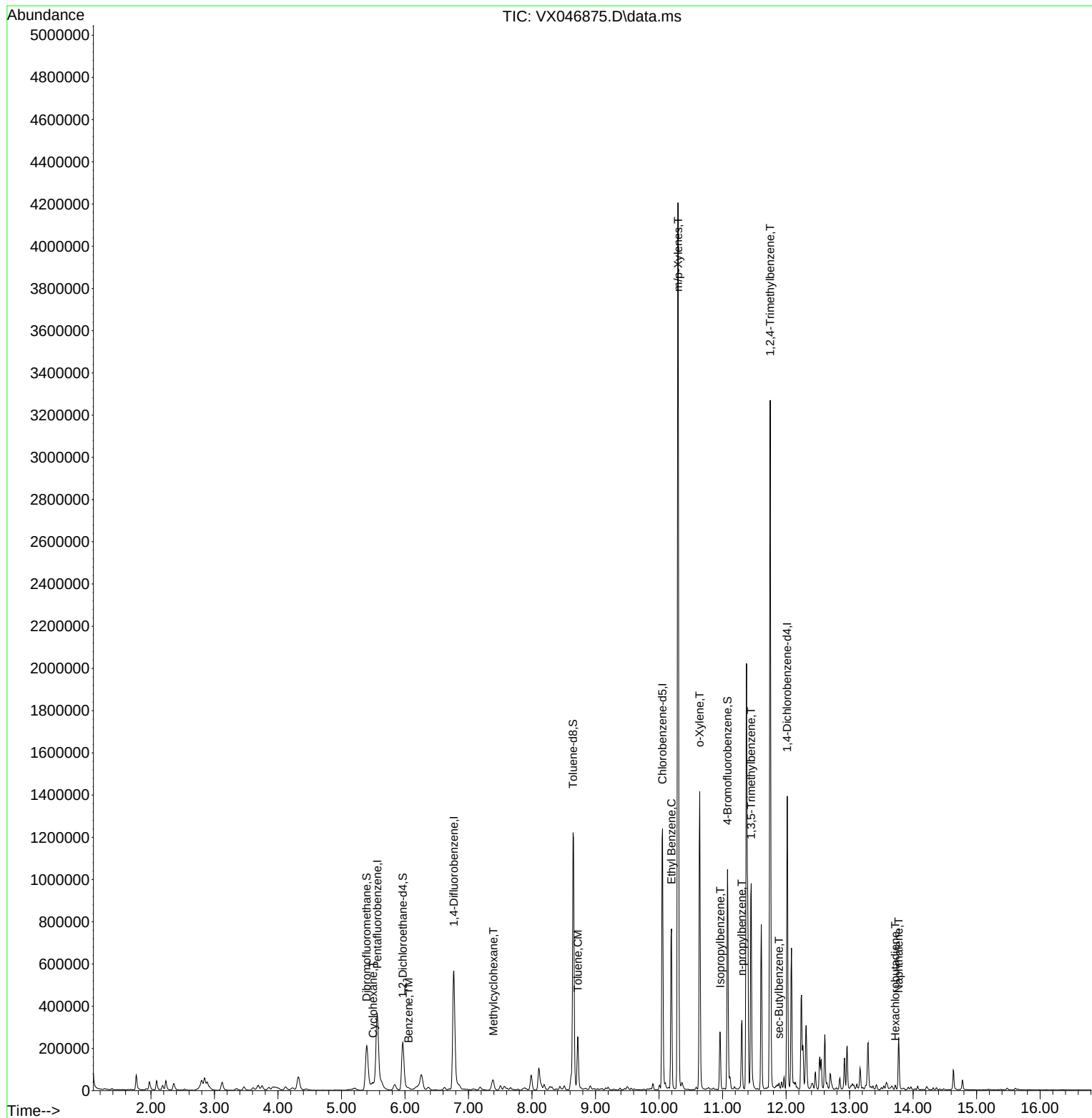
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046875.D
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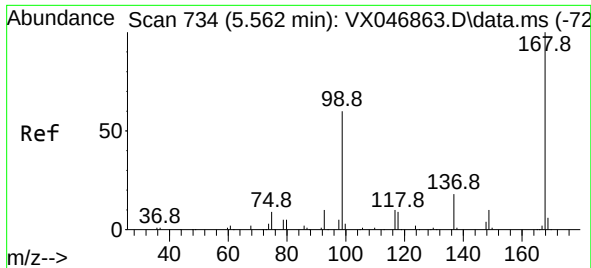
Instrument :
MSVOA_X
ClientSampleId :
MW1

Quant Time: Jul 04 01:28:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
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APPROVED

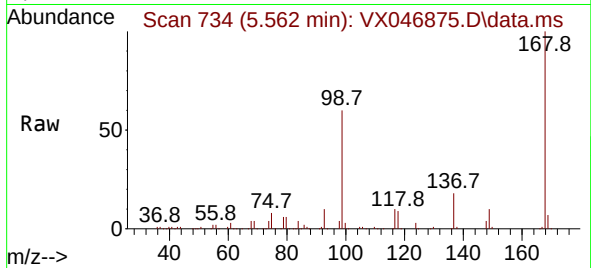
Reviewed By : John Carlone 07/07/2025
Supervised By : Mahesh Dadoda 07/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

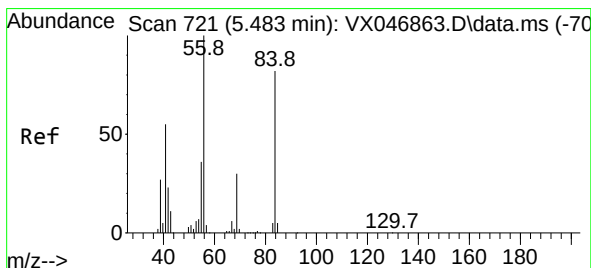
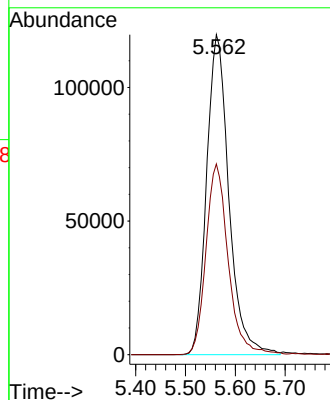
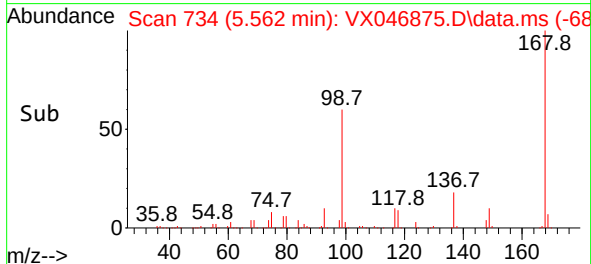
Instrument :
MSVOA_X
ClientSampleId :
MW1



Tgt Ion:168 Resp: 37053
Ion Ratio Lower Upper
168 100
99 59.5 48.8 73.2

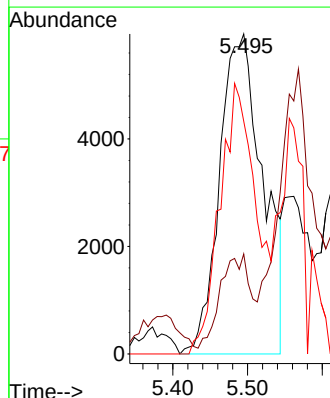
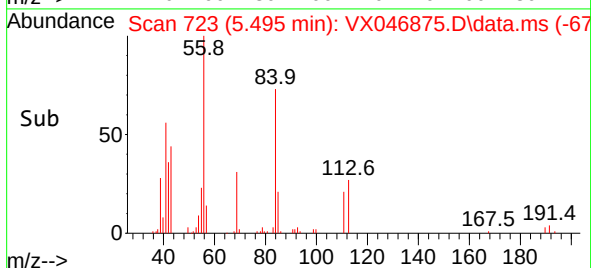
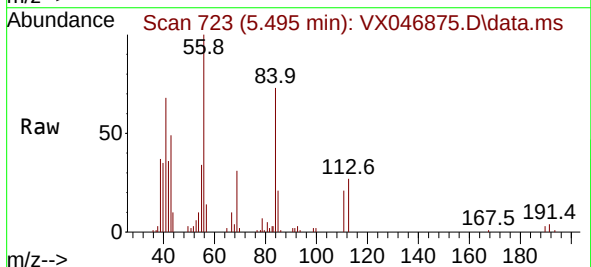
Manual Integrations
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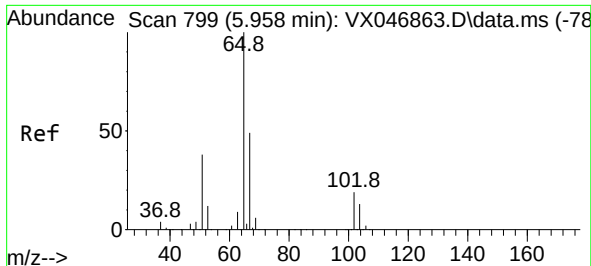
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#31
Cyclohexane
Concen: 3.431 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 56 Resp: 24008
Ion Ratio Lower Upper
56 100
69 24.7 24.0 36.0
84 72.7 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 48.294 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046875.D

Acq: 03 Jul 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

MW1

Tgt Ion: 65 Resp: 23640

Ion Ratio Lower Upper

65 100

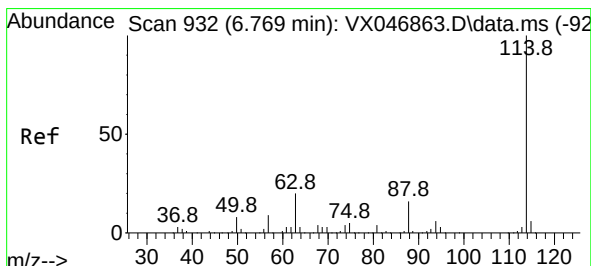
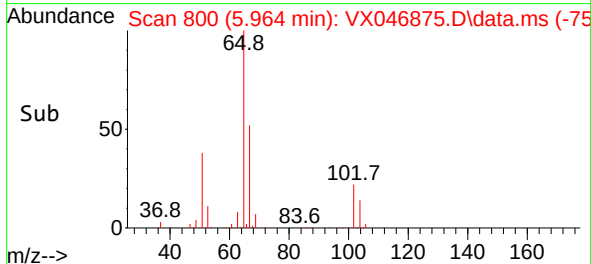
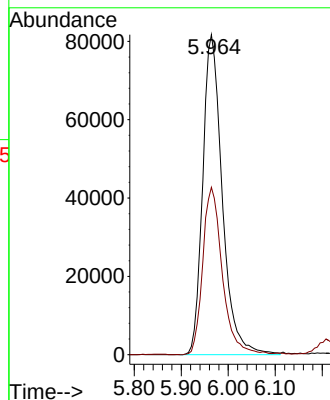
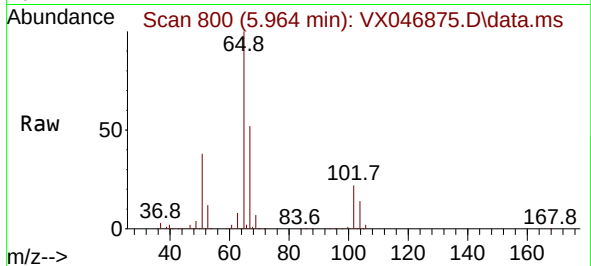
67 52.4 0.0 105.2

Manual Integrations

APPROVED

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046875.D

Acq: 03 Jul 2025 10:44

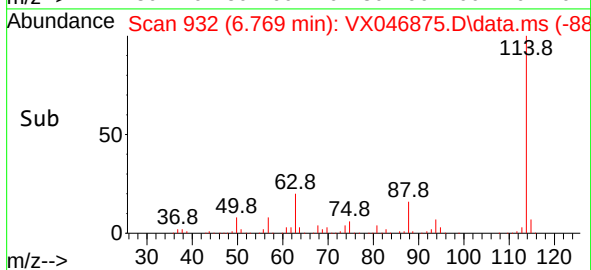
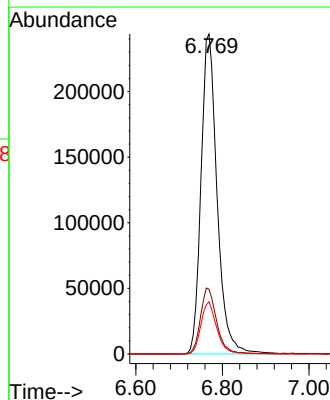
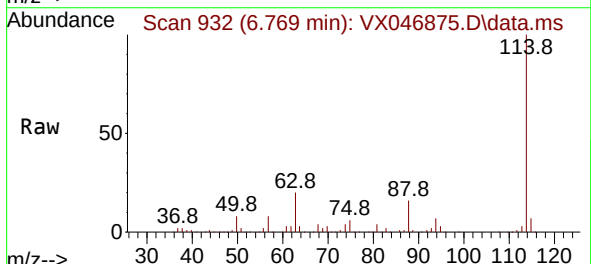
Tgt Ion:114 Resp: 627398

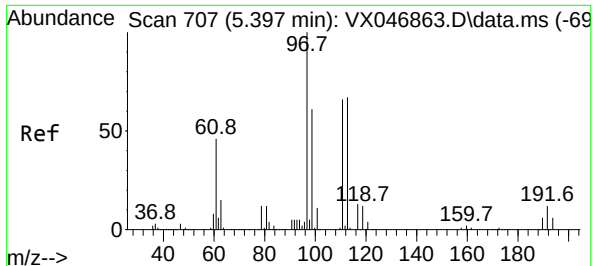
Ion Ratio Lower Upper

114 100

63 23.0 0.0 40.4

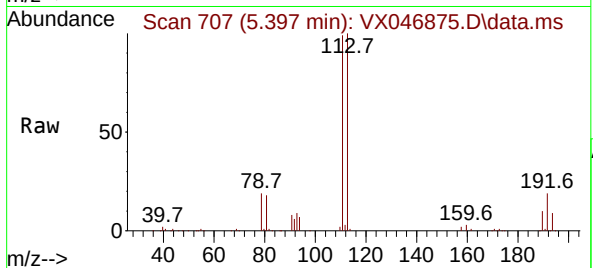
88 16.3 0.0 31.0





#35
Dibromofluoromethane
Concen: 47.583 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

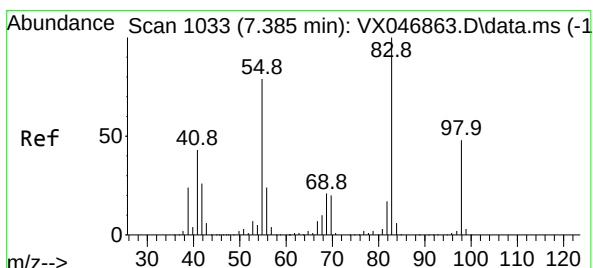
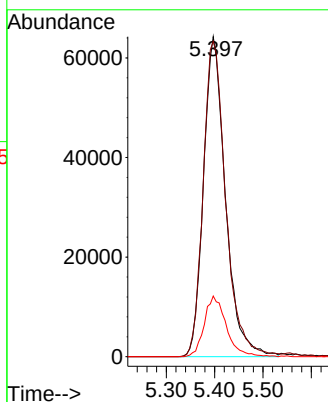
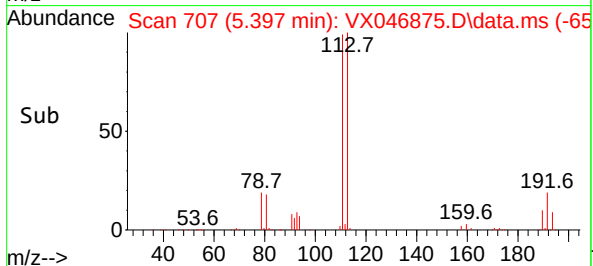
Instrument :
MSVOA_X
ClientSampleId :
MW1



Tgt Ion: 113 Resp: 202640
Ion Ratio Lower Upper
113 100
111 101.3 81.2 121.8
192 19.0 15.3 22.9

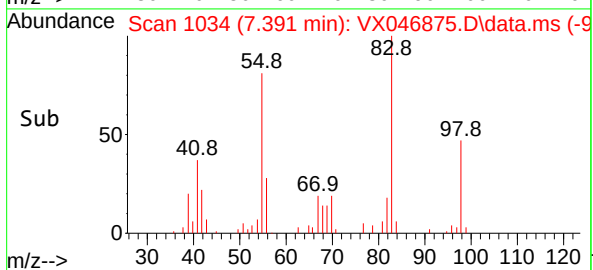
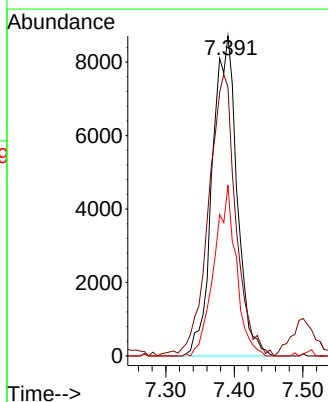
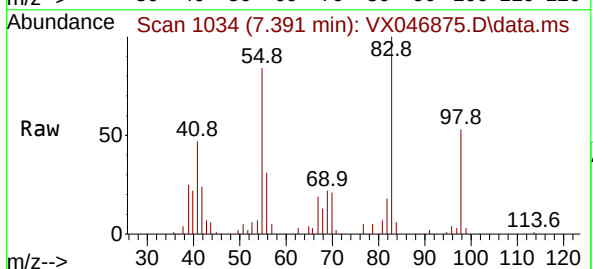
Manual Integrations
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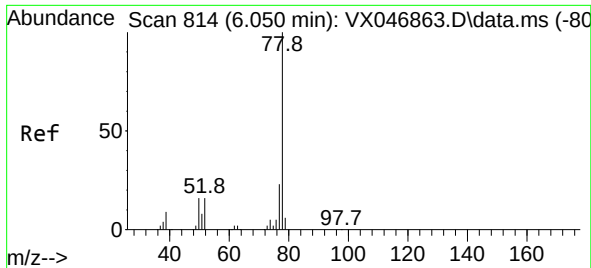
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#39
Methylcyclohexane
Concen: 3.041 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion: 83 Resp: 21855
Ion Ratio Lower Upper
83 100
55 83.2 63.0 94.4
98 53.4 38.5 57.7





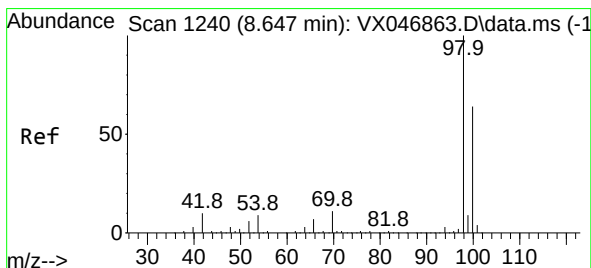
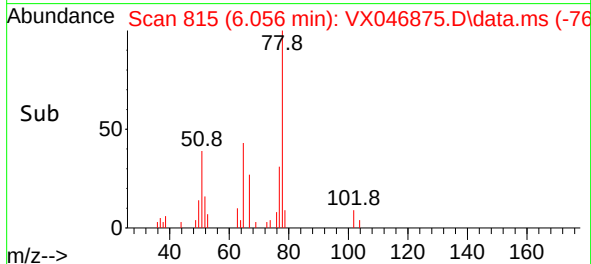
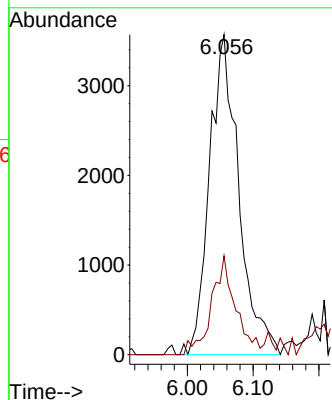
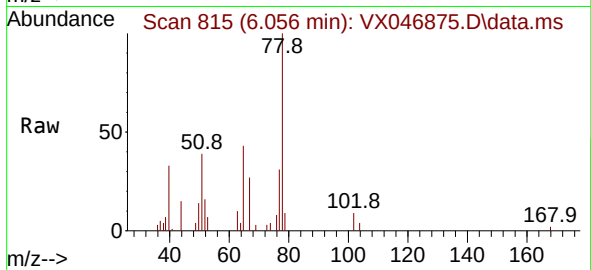
#40
Benzene
Concen: 0.637 ug/l
RT: 6.056 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Instrument :
MSVOA_X
ClientSampleId :
MW1

Tgt Ion: 78 Resp: 11069
Ion Ratio Lower Upper
78 100
77 28.5 18.7 28.1

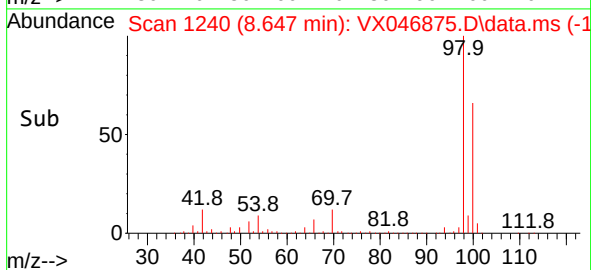
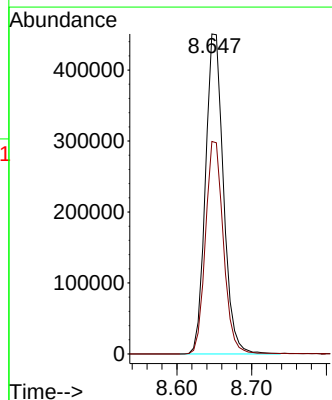
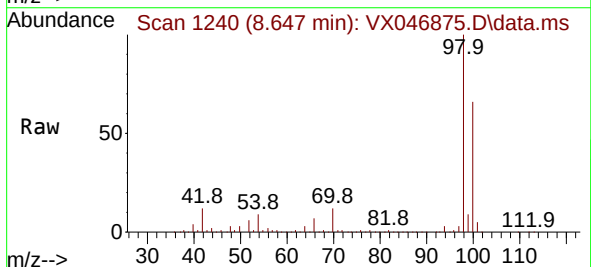
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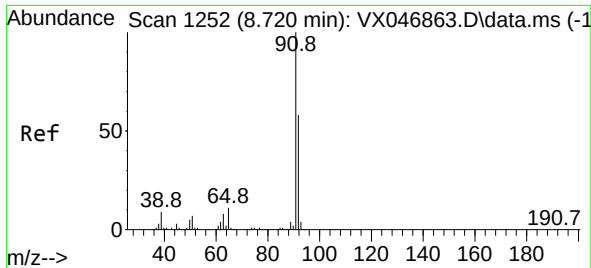
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

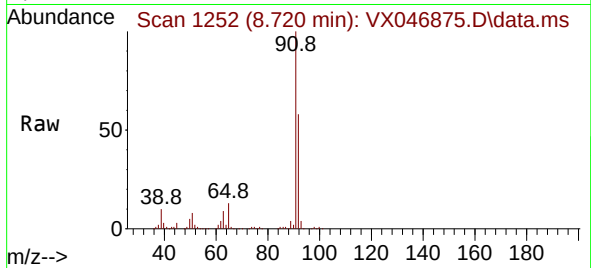
Tgt Ion: 98 Resp: 752026
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6





#52
Toluene
Concen: 9.257 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

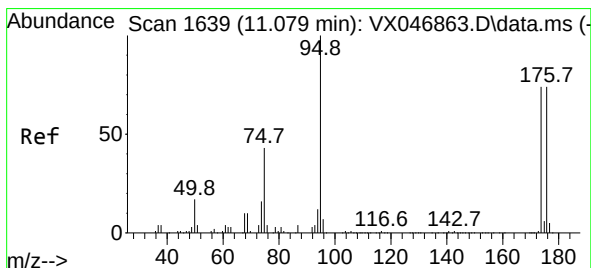
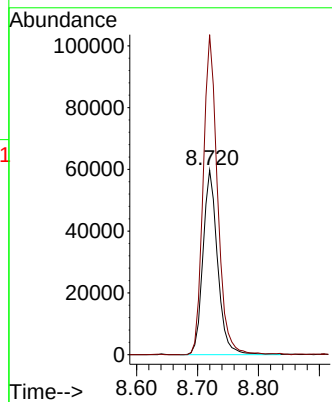
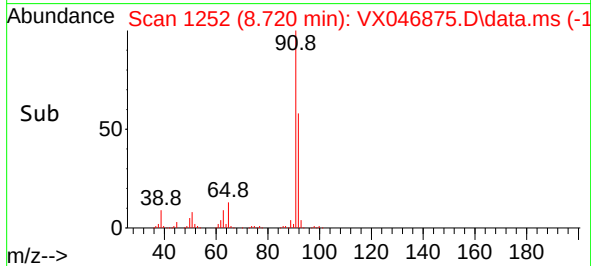
Instrument :
MSVOA_X
ClientSampleId :
MW1



Tgt Ion: 92 Resp: 9969
Ion Ratio Lower Upper
92 100
91 170.1 137.9 206.9

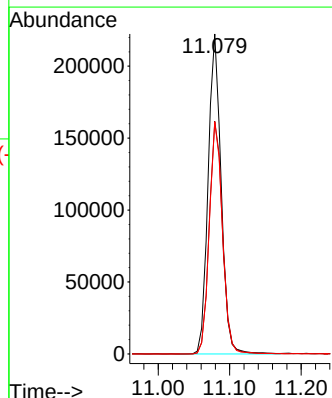
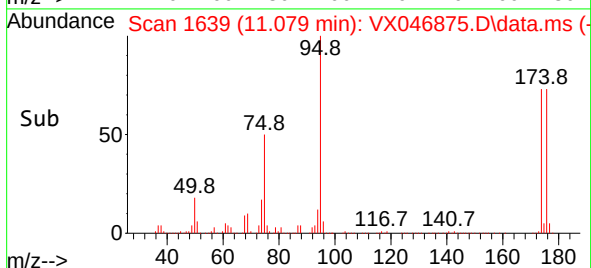
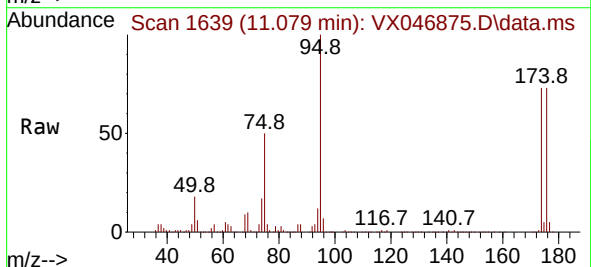
Manual Integrations
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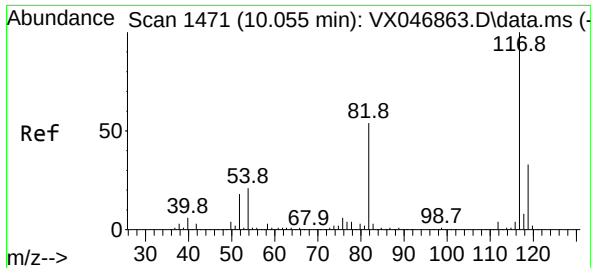
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#62
4-Bromofluorobenzene
Concen: 49.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

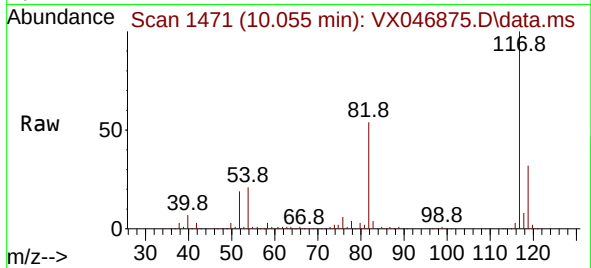
Tgt Ion: 95 Resp: 281328
Ion Ratio Lower Upper
95 100
174 74.2 0.0 152.0
176 73.4 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

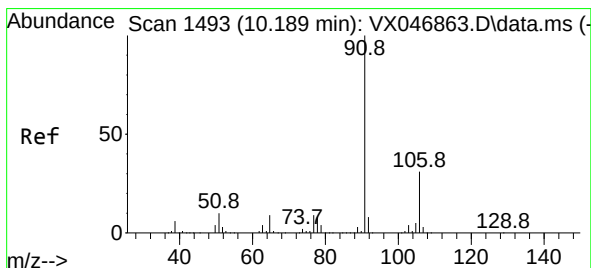
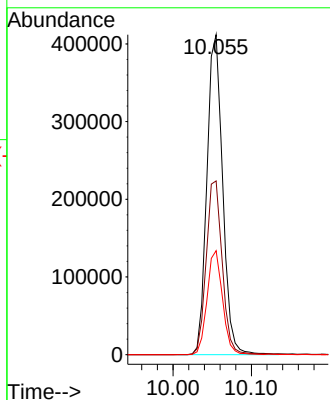
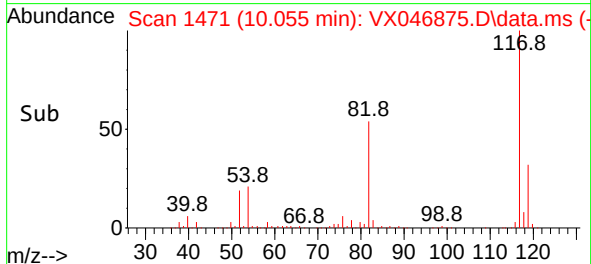
Instrument :
MSVOA_X
ClientSampleId :
MW1



Tgt Ion:117 Resp: 574040
Ion Ratio Lower Upper
117 100
82 54.2 43.3 64.9
119 32.5 26.4 39.6

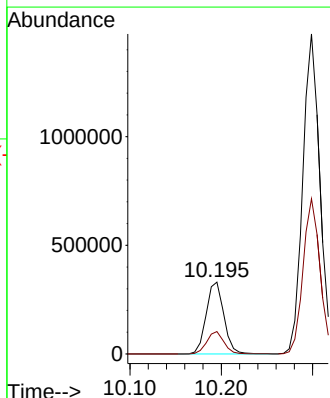
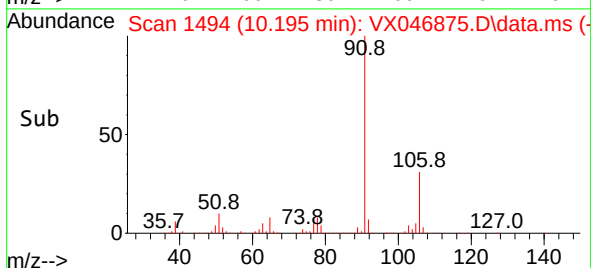
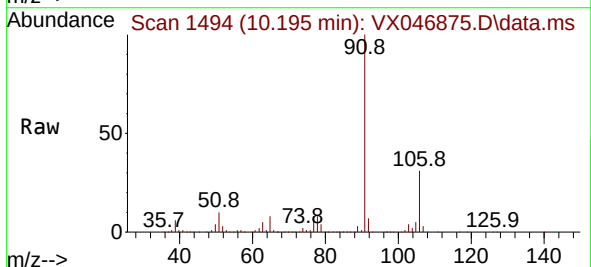
Manual Integrations
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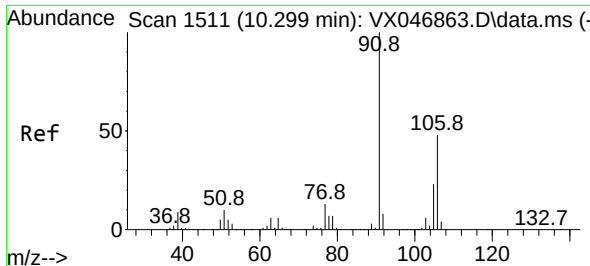
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#67
Ethyl Benzene
Concen: 20.923 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

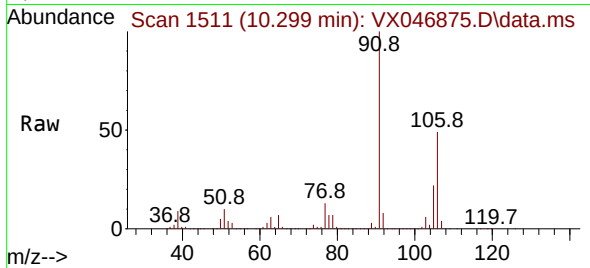
Tgt Ion: 91 Resp: 444706
Ion Ratio Lower Upper
91 100
106 31.3 24.4 36.6





#68
m/p-Xylenes
Concen: 116.241 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

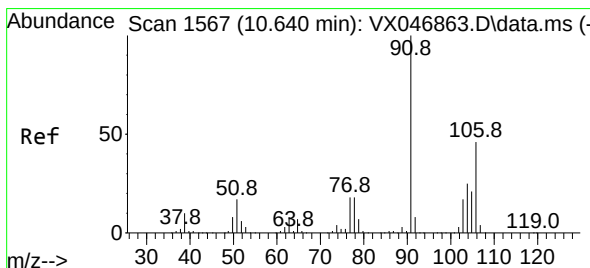
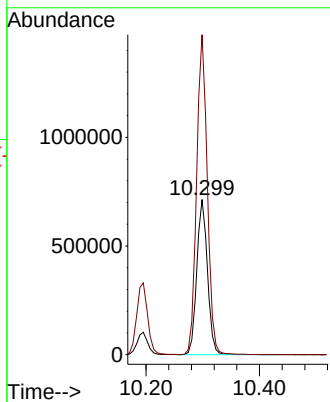
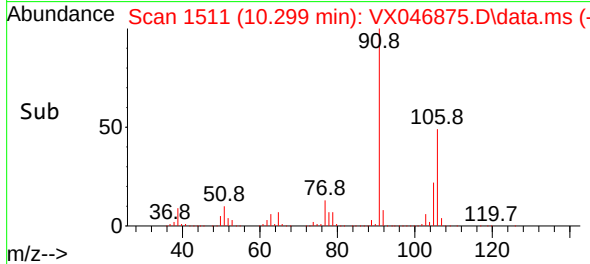
Instrument :
MSVOA_X
ClientSampleId :
MW1



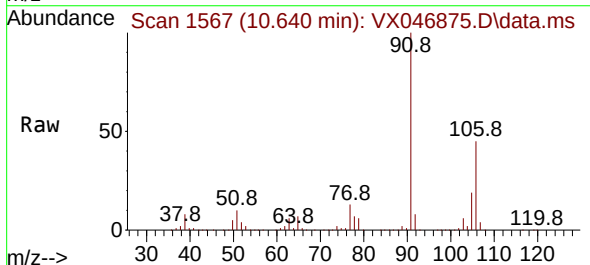
Tgt Ion:106 Resp: 930960
Ion Ratio Lower Upper
106 100
91 206.1 164.6 246.8

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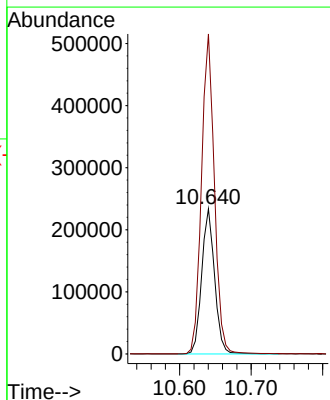
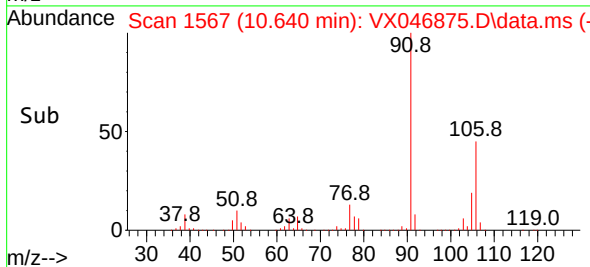
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

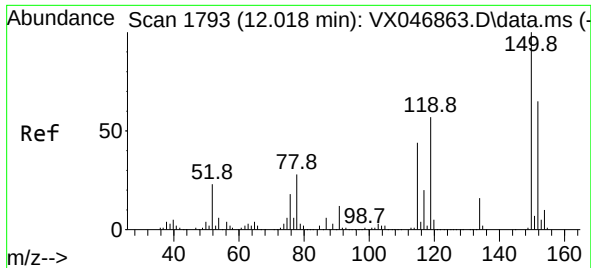


#69
o-Xylene
Concen: 37.896 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44



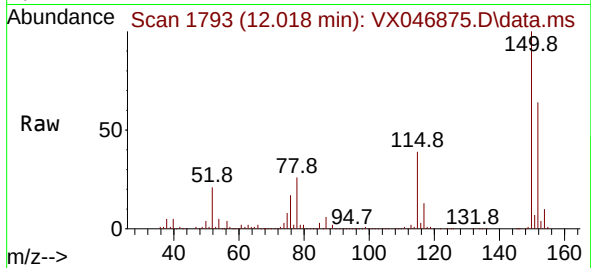
Tgt Ion:106 Resp: 293176
Ion Ratio Lower Upper
106 100
91 220.3 109.5 328.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

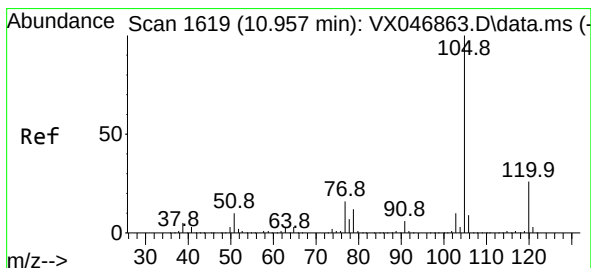
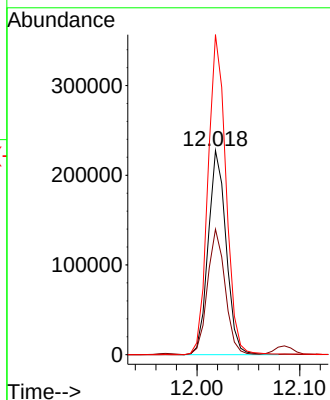
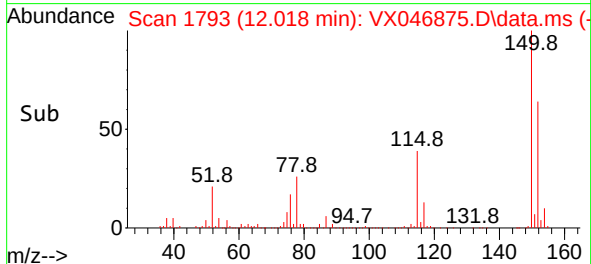
Instrument :
MSVOA_X
ClientSampleId :
MW1



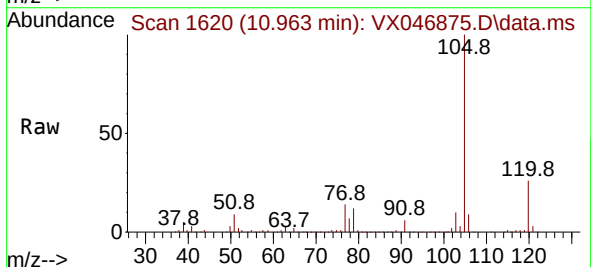
Tgt Ion:152 Resp: 275510
Ion Ratio Lower Upper
152 100
115 60.4 42.4 127.1
150 157.2 0.0 349.2

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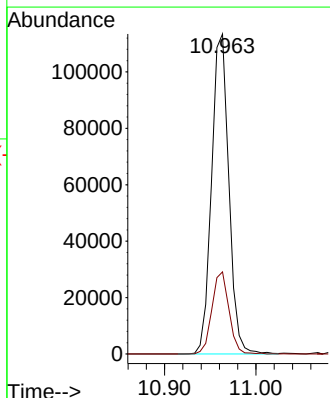
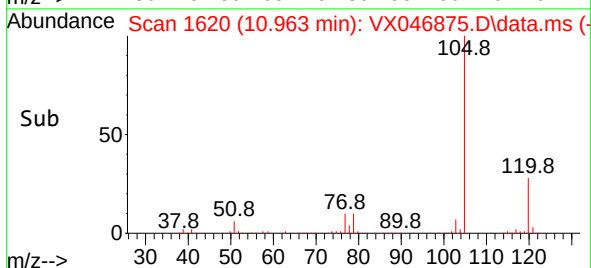
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

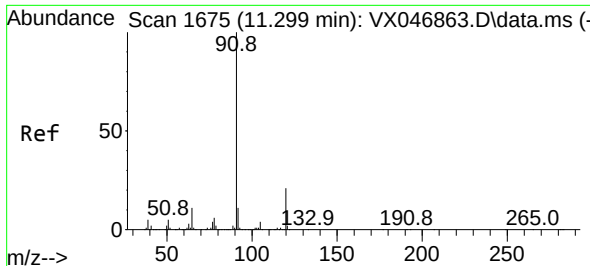


#73
Isopropylbenzene
Concen: 7.674 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44



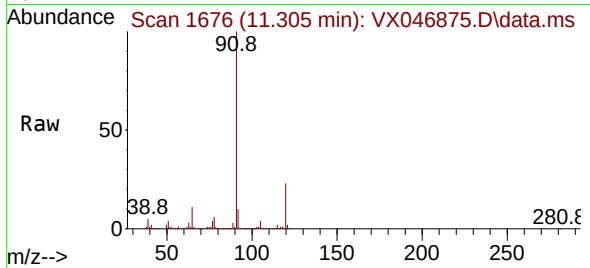
Tgt Ion:105 Resp: 148631
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.5





#78
n-propylbenzene
Concen: 8.904 ug/l
RT: 11.305 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

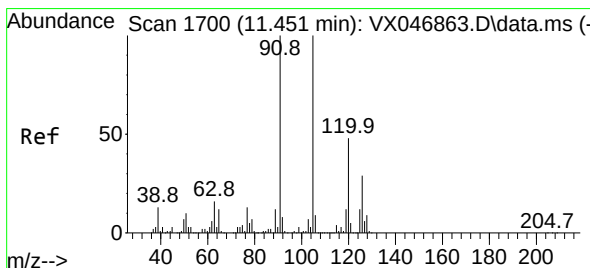
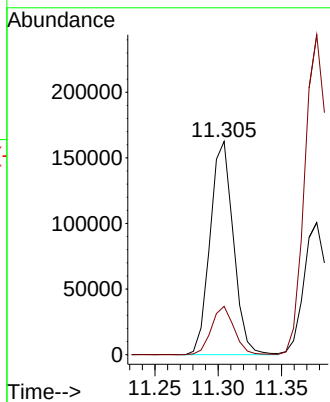
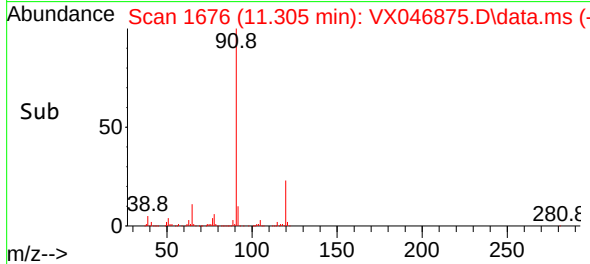
Instrument :
MSVOA_X
ClientSampleId :
MW1



Tgt Ion: 91 Resp: 207939
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

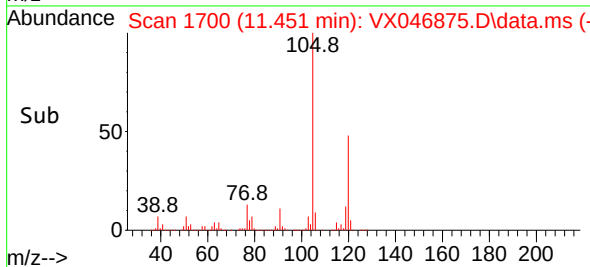
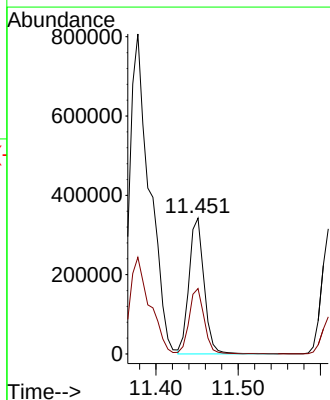
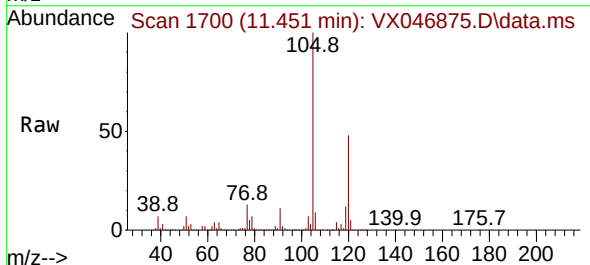
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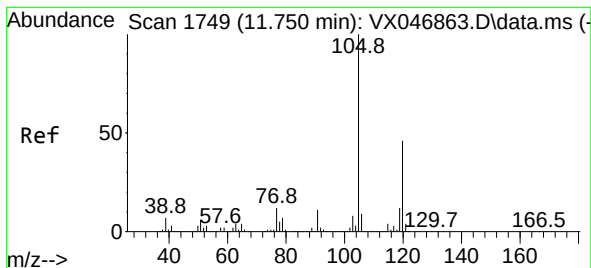
Reviewed By :John Carlone 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 27.705 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

Tgt Ion:105 Resp: 435995
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.4





#84

1,2,4-Trimethylbenzene

Concen: 86.670 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX046875.D

Acq: 03 Jul 2025 10:44

Instrument :

MSVOA_X

ClientSampleId :

MW1

Tgt Ion:105 Resp: 137860

Ion Ratio Lower Upper

105 100

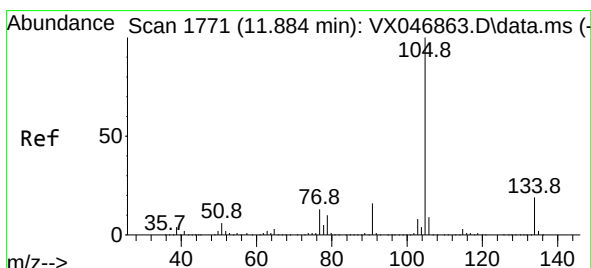
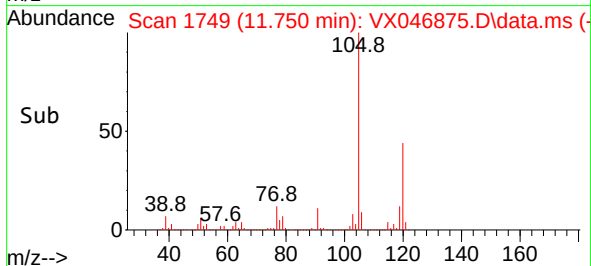
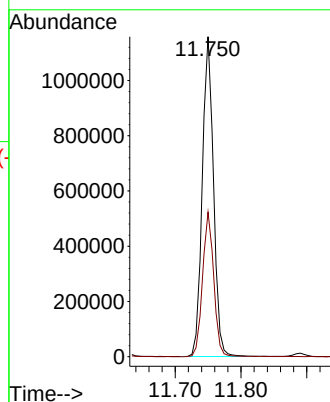
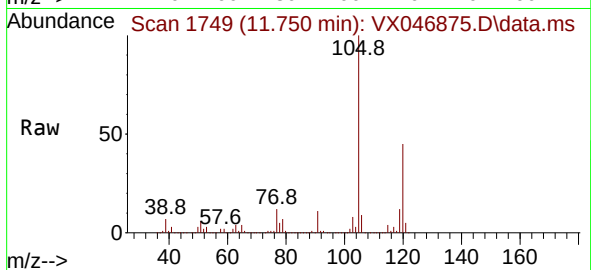
120 44.9 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#85

sec-Butylbenzene

Concen: 0.823 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX046875.D

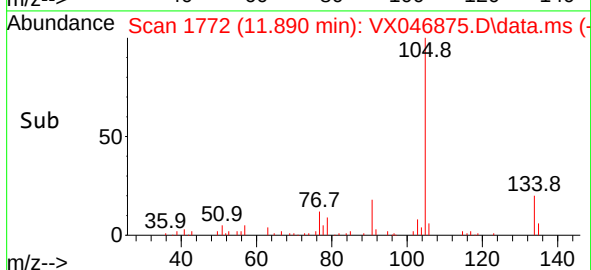
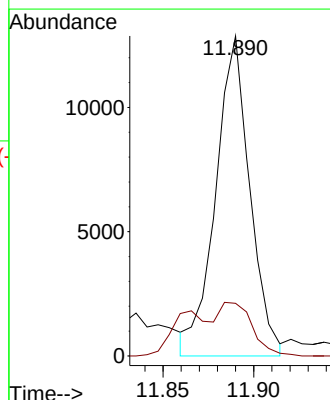
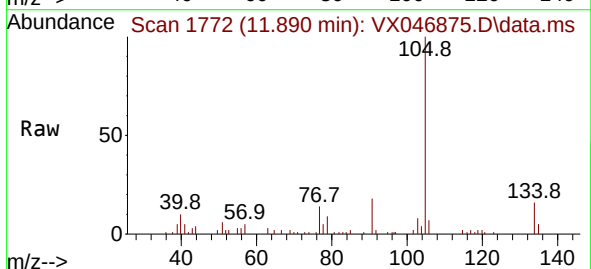
Acq: 03 Jul 2025 10:44

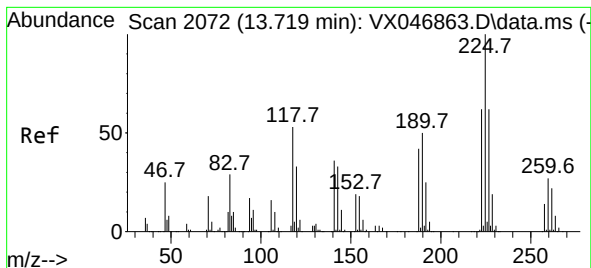
Tgt Ion:105 Resp: 16861

Ion Ratio Lower Upper

105 100

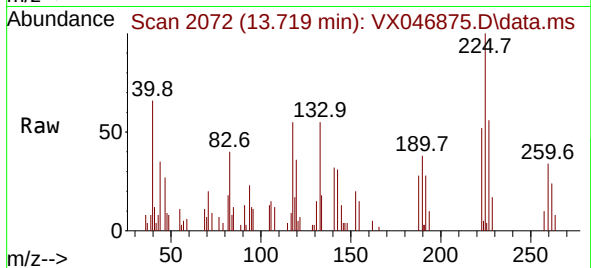
134 0.0 9.9 29.7#





#94
Hexachlorobutadiene
Concen: 1.107 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44

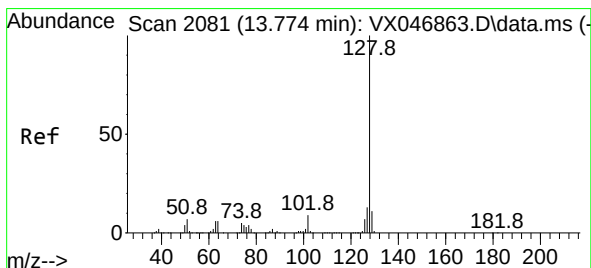
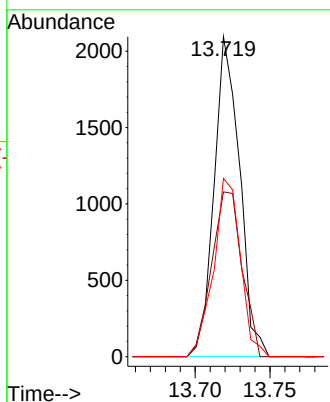
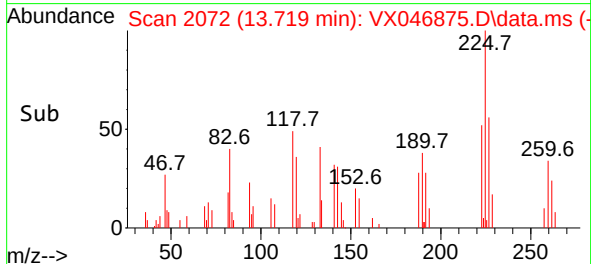
Instrument :
MSVOA_X
ClientSampleId :
MW1



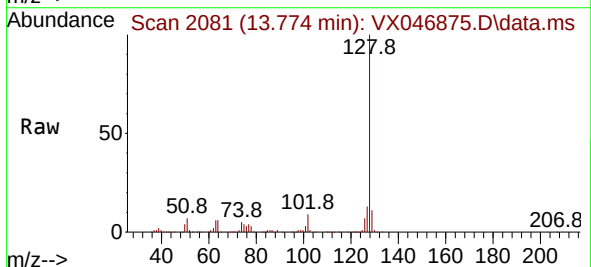
Tgt Ion:225 Resp: 2479
Ion Ratio Lower Upper
225 100
223 61.6 31.6 94.7
227 58.8 31.6 94.7

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



#95
Naphthalene
Concen: 10.085 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046875.D
Acq: 03 Jul 2025 10:44



Tgt Ion:128 Resp: 157848
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.5 8.6 13.0

