

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045235.D
 Acq On : 11 Mar 2025 19:25
 Operator : JC/MD
 Sample : Q1525-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW10

Quant Time: Mar 12 01:55:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57680	52.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	5.379	113	47222	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	8.647	98	167094	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	60209	55.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.980%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	2593	5.059	ug/l	99
31) Cyclohexane	5.471	56	26237	17.457	ug/l #	92
39) Methylcyclohexane	7.373	83	28019	19.048	ug/l #	82
40) Benzene	6.038	78	5613	1.448	ug/l #	88
44) Trichloroethene	7.123	130	2874	3.157	ug/l	94
65) Chlorobenzene	10.080	112	7137	2.727	ug/l	95
67) Ethyl Benzene	10.189	91	150136	32.918	ug/l	98
68) m/p-Xylenes	10.299	106	30248	18.117	ug/l	99
69) o-Xylene	10.640	106	2499	1.484	ug/l	90
73) Isopropylbenzene	10.957	105	57321	13.241	ug/l	100
78) n-propylbenzene	11.305	91	105706	21.616	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8317	2.376	ug/l	98
83) tert-Butylbenzene	11.713	119	8149	2.266	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	126160	35.821	ug/l	98
85) sec-Butylbenzene	11.890	105	14656	3.402	ug/l	95
89) n-Butylbenzene	12.329	91	5677m	1.893	ug/l	
95) Naphthalene	13.774	128	31539	7.887	ug/l	96

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

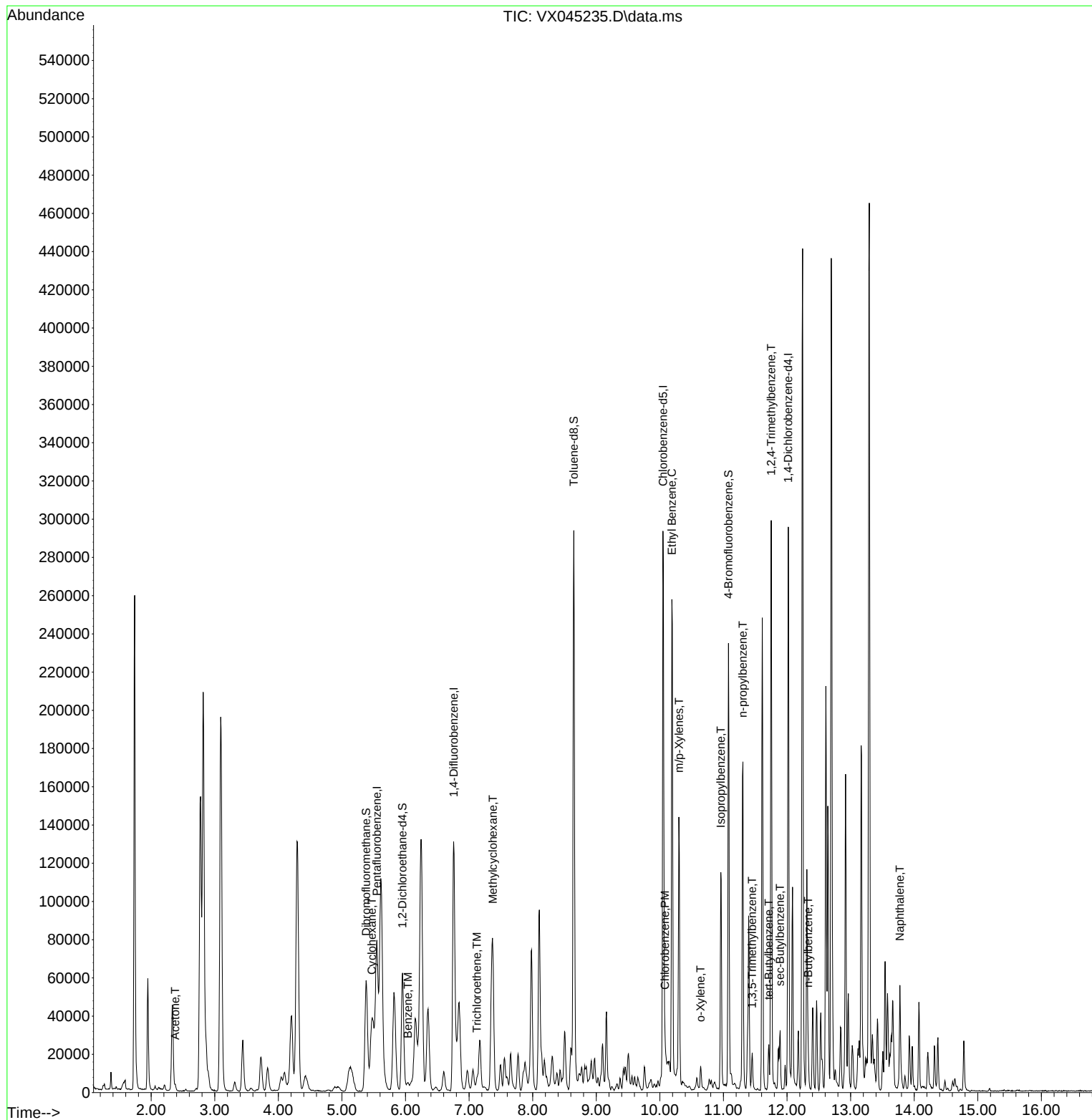
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

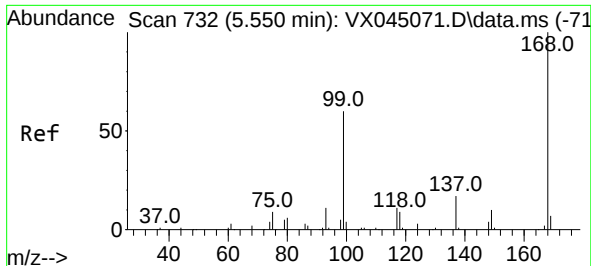
Instrument :
MSVOA_X
ClientSampleId :
MW10

Quant Time: Mar 12 01:55:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

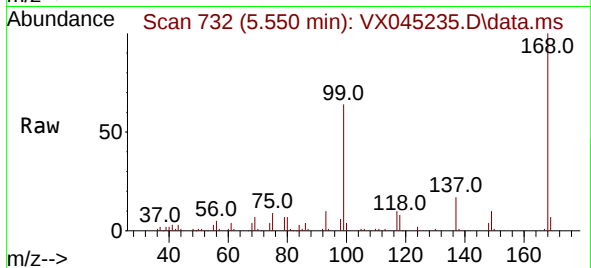
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

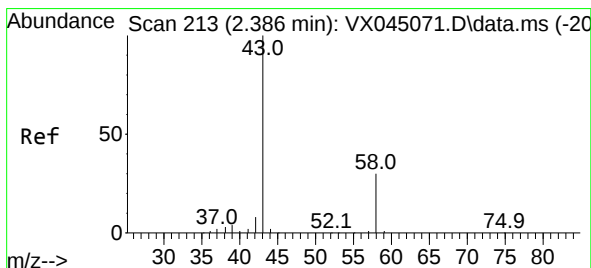
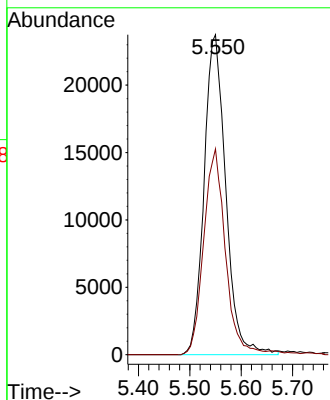
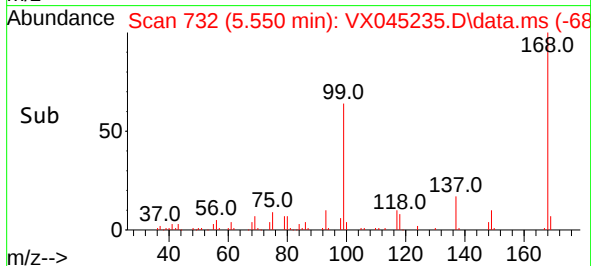
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:168 Resp: 69449
Ion Ratio Lower Upper
168 100
99 64.3 48.2 72.4

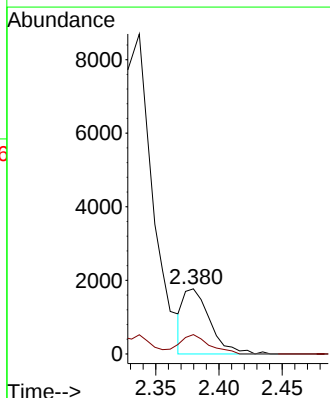
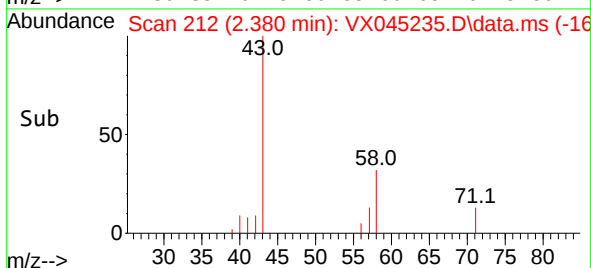
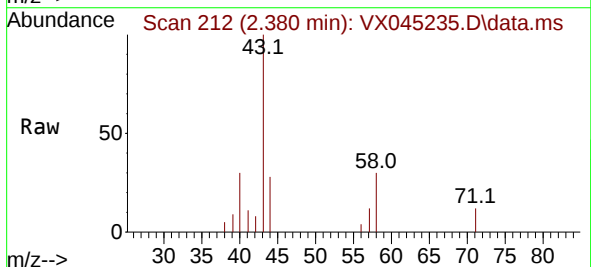
Manual Integrations
APPROVED

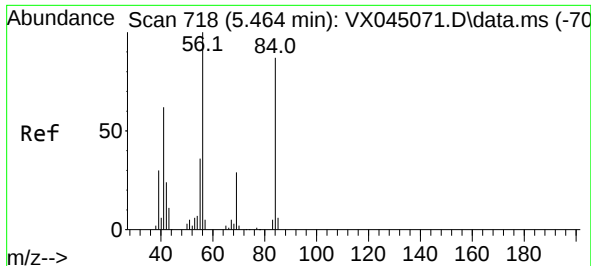
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#16
Acetone
Concen: 5.059 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

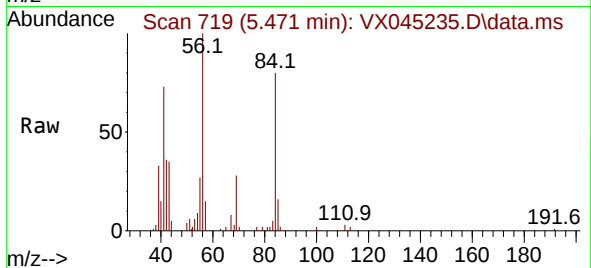
Tgt Ion: 43 Resp: 2593
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.4





#31
Cyclohexane
Concen: 17.457 ug/l
RT: 5.471 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

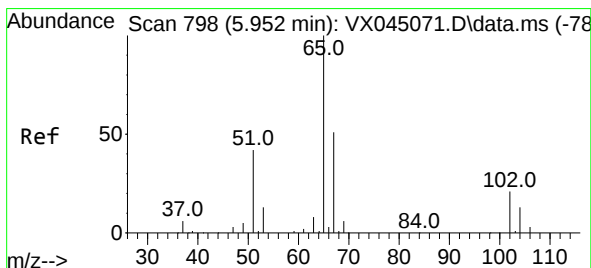
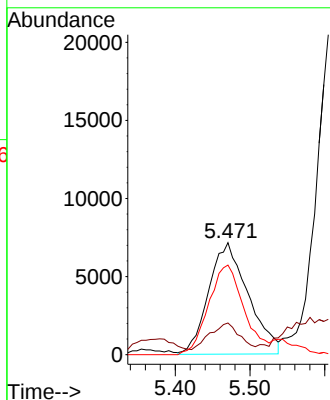
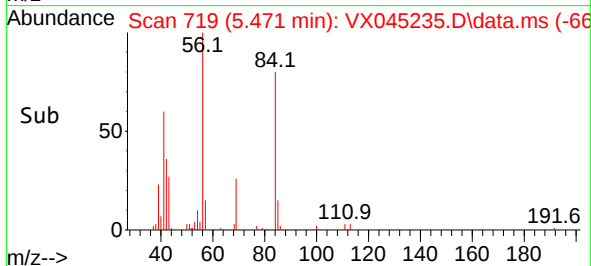
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion: 56 Resp: 2623
Ion Ratio Lower Upper
56 100
69 21.2 23.4 35.2
84 81.5 69.4 104.2

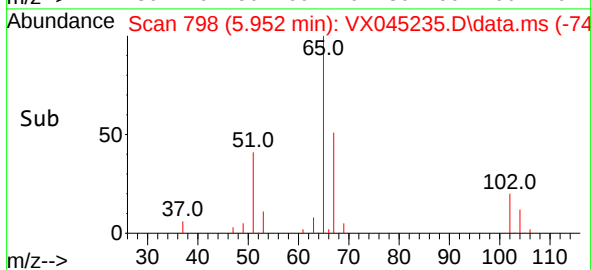
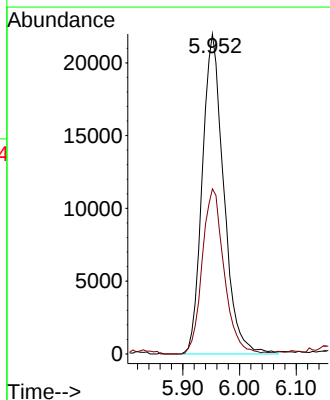
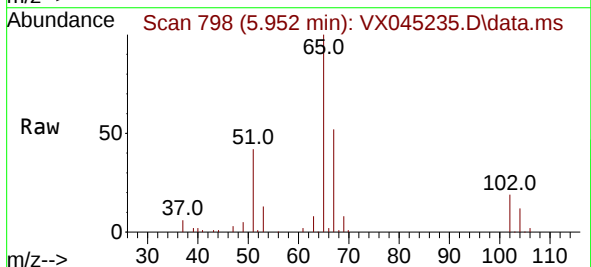
Manual Integrations
APPROVED

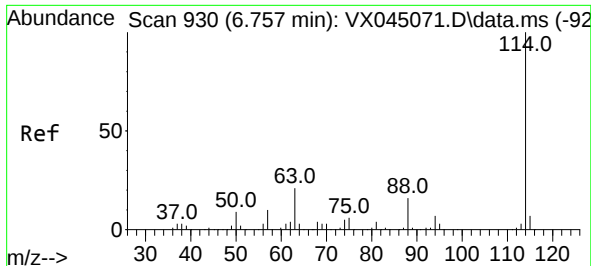
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#33
1,2-Dichloroethane-d4
Concen: 52.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 65 Resp: 57680
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.2





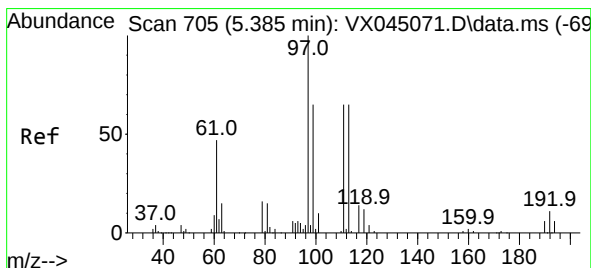
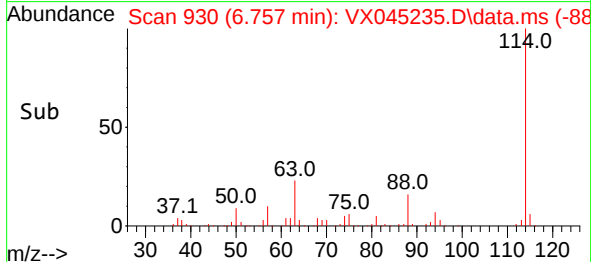
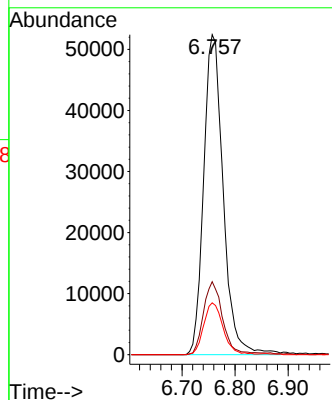
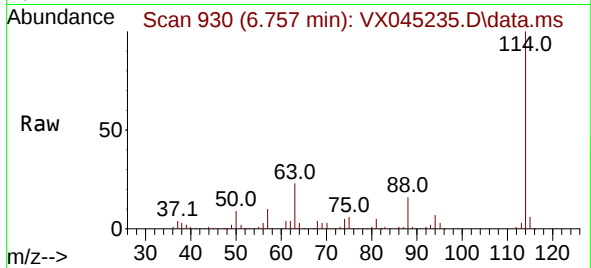
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:114 Resp: 13386
Ion Ratio Lower Upper
114 100
63 22.8 0.0 41.8
88 16.2 0.0 32.8

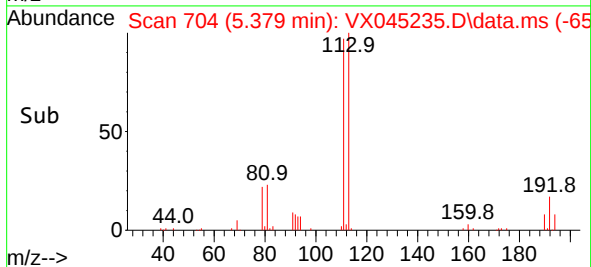
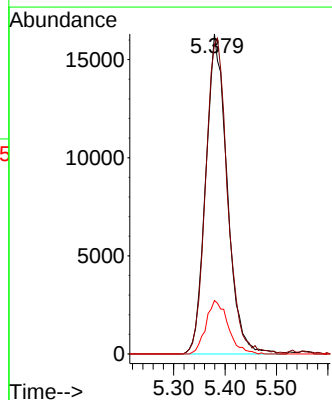
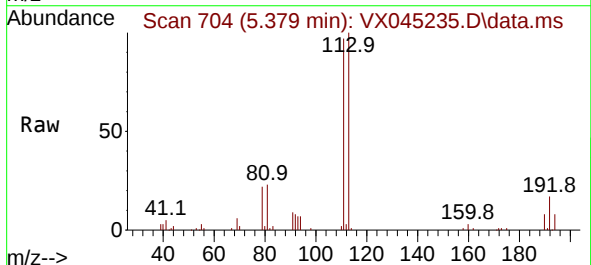
Manual Integrations
APPROVED

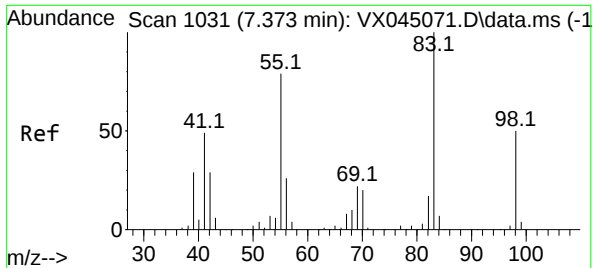
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:113 Resp: 47222
Ion Ratio Lower Upper
113 100
111 100.7 81.8 122.6
192 17.3 14.3 21.5





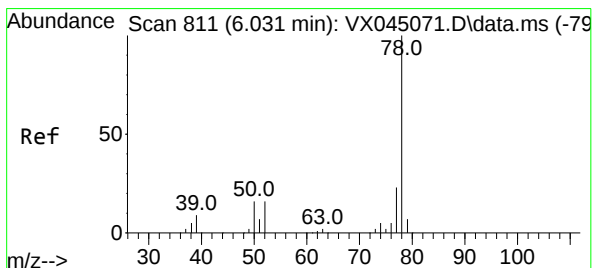
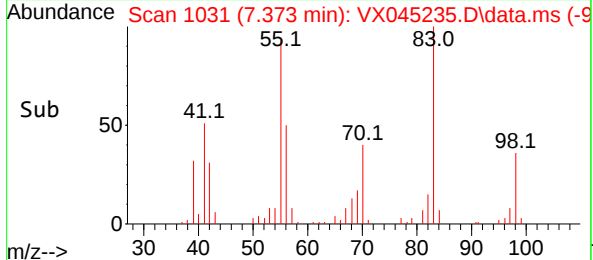
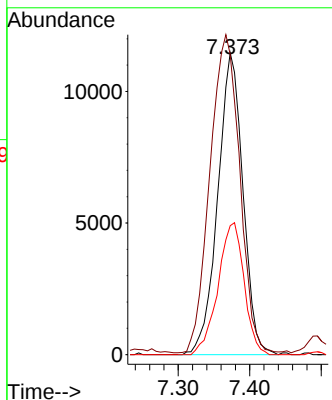
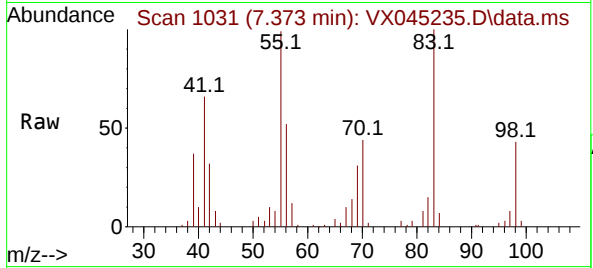
#39
Methylcyclohexane
Concen: 19.048 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion: 83 Resp: 28019
Ion Ratio Lower Upper
83 100
55 98.8 63.0 94.4
98 42.7 39.7 59.5

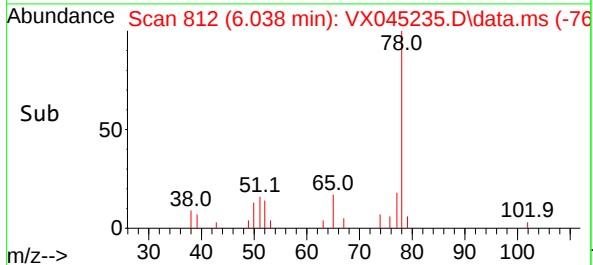
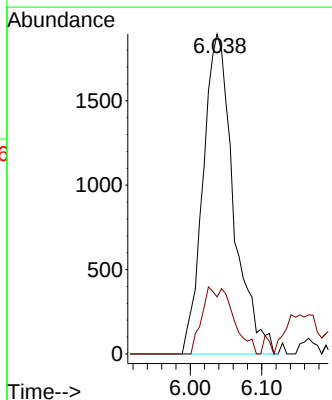
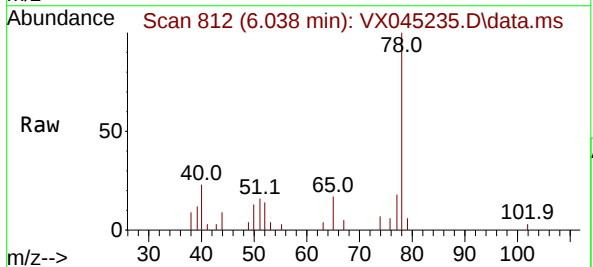
Manual Integrations
APPROVED

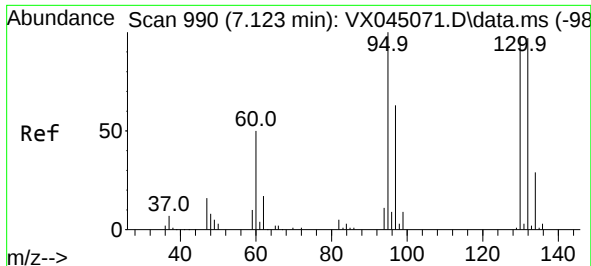
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#40
Benzene
Concen: 1.448 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

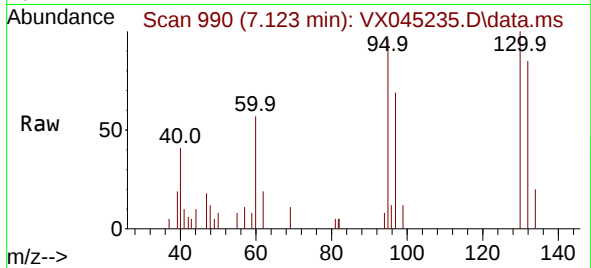
Tgt Ion: 78 Resp: 5613
Ion Ratio Lower Upper
78 100
77 17.8 18.8 28.2#





#44
Trichloroethene
Concen: 3.157 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

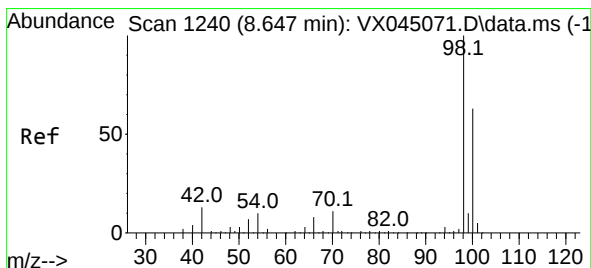
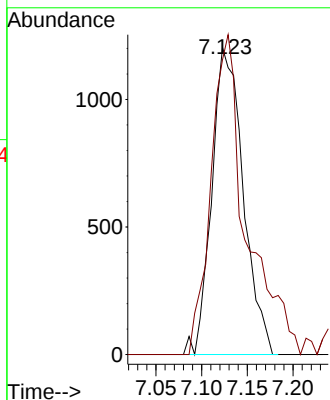
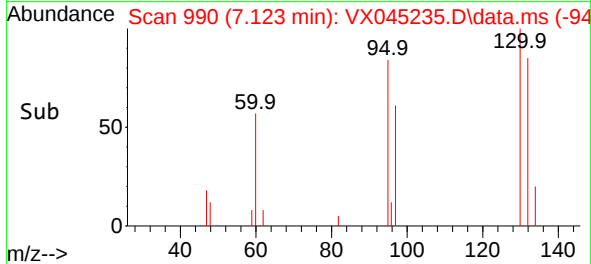
Instrument :
MSVOA_X
ClientSampleId :
MW10



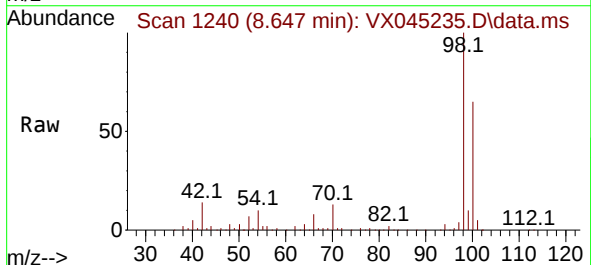
Tgt Ion:130 Resp: 2874
Ion Ratio Lower Upper
130 100
95 96.0 0.0 205.0

Manual Integrations
APPROVED

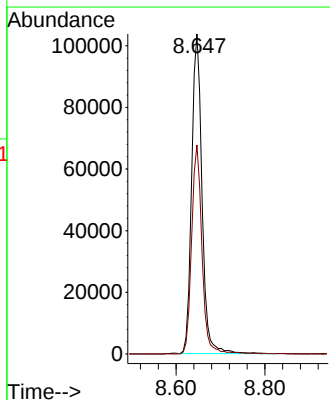
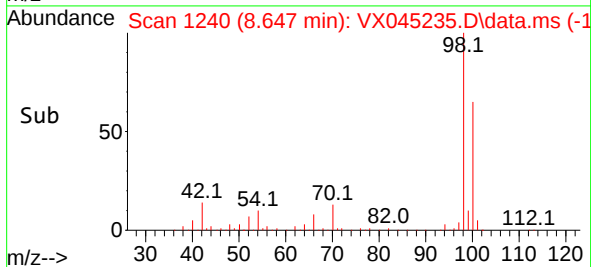
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

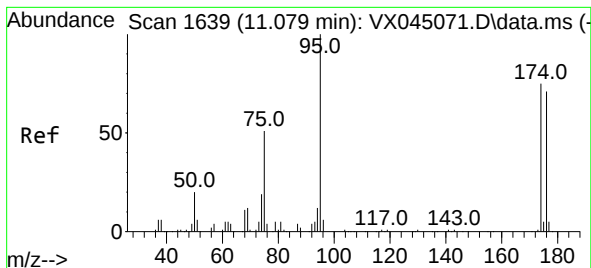


#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25



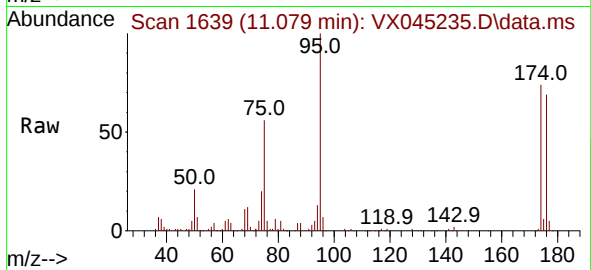
Tgt Ion: 98 Resp: 167094
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 55.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

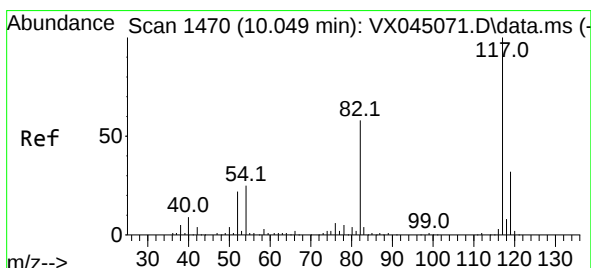
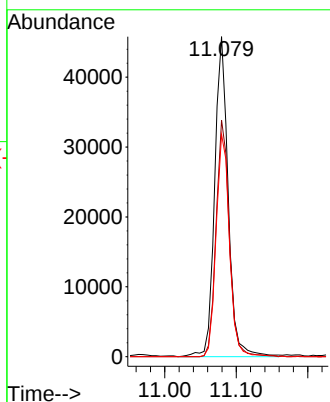
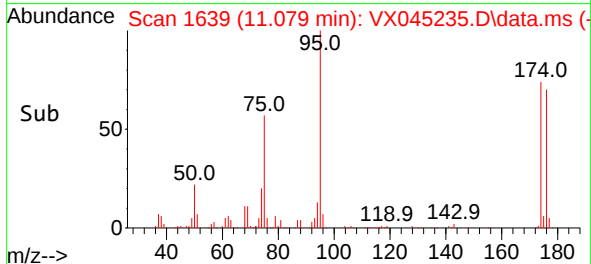
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion: 95 Resp: 60209
Ion Ratio Lower Upper
95 100
174 72.2 0.0 148.2
176 68.5 0.0 141.4

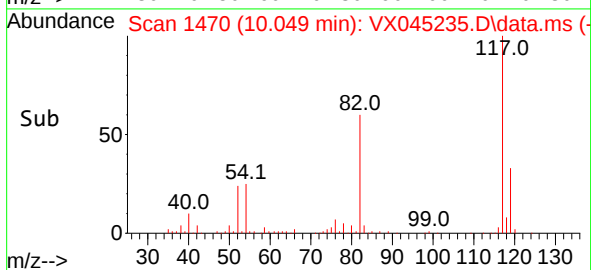
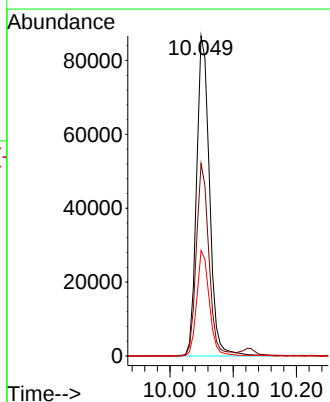
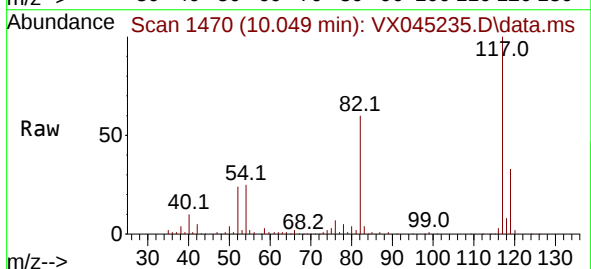
Manual Integrations
APPROVED

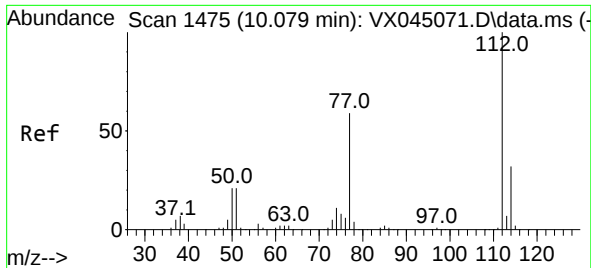
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:117 Resp: 123702
Ion Ratio Lower Upper
117 100
82 59.9 46.3 69.5
119 33.0 25.7 38.5





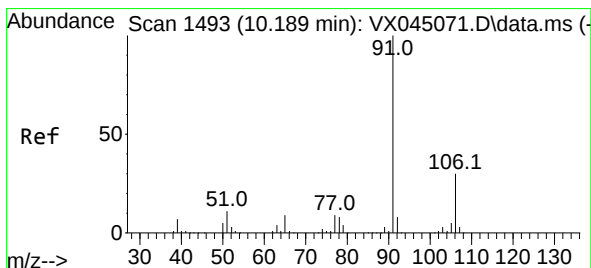
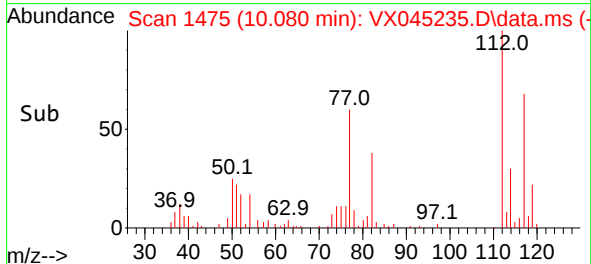
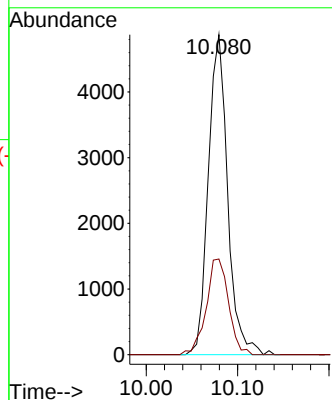
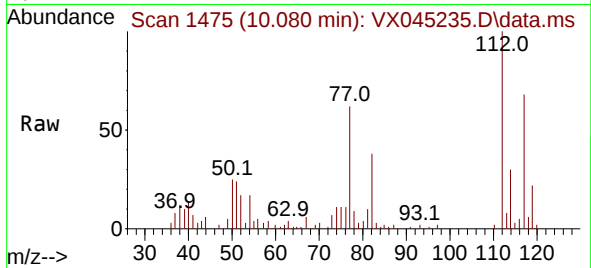
#65
Chlorobenzene
Concen: 2.727 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:112 Resp: 713
Ion Ratio Lower Upper
112 100
114 29.9 26.0 39.0

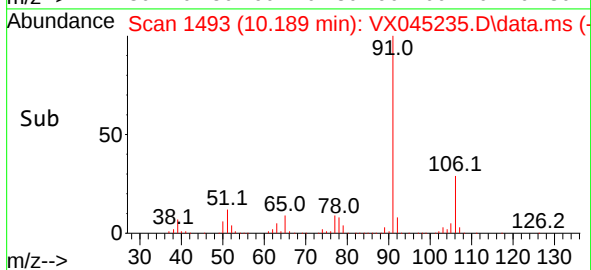
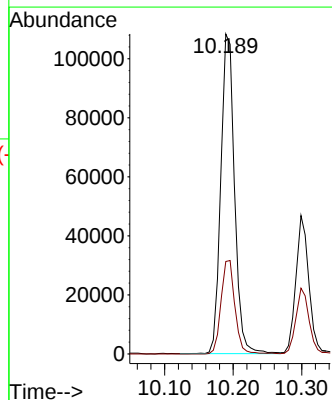
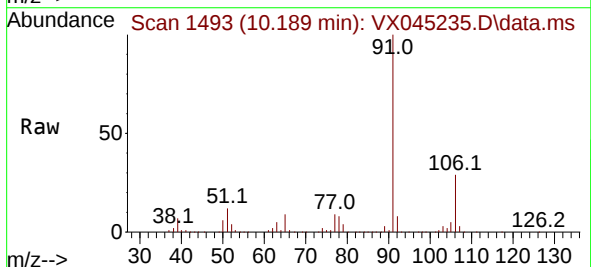
Manual Integrations
APPROVED

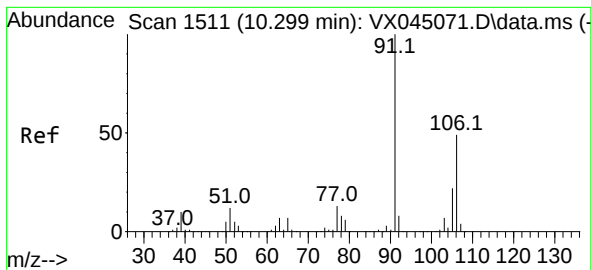
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#67
Ethyl Benzene
Concen: 32.918 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 150136
Ion Ratio Lower Upper
91 100
106 28.9 23.9 35.9





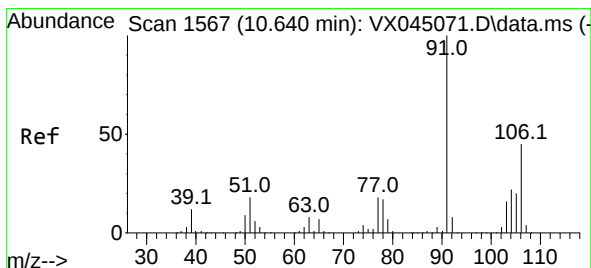
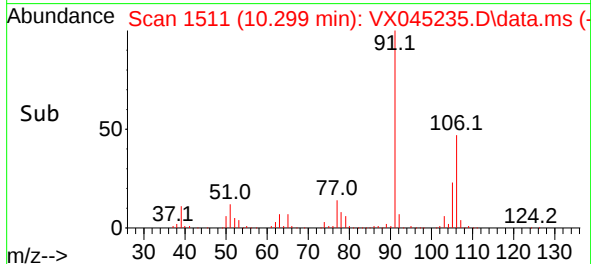
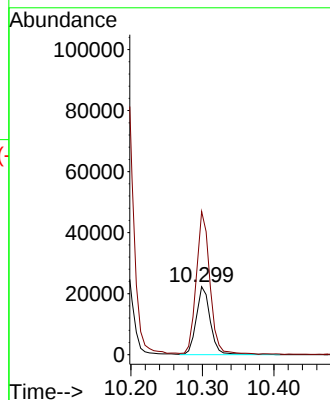
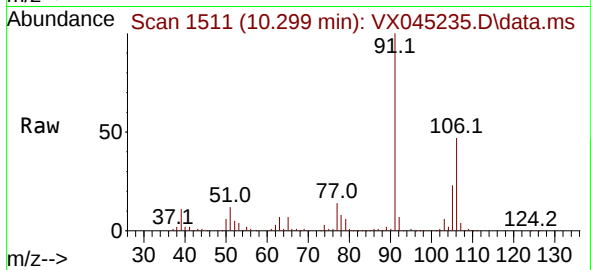
#68
m/p-Xylenes
Concen: 18.117 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10

Tgt Ion:106 Resp: 30248
Ion Ratio Lower Upper
106 100
91 204.8 165.4 248.0

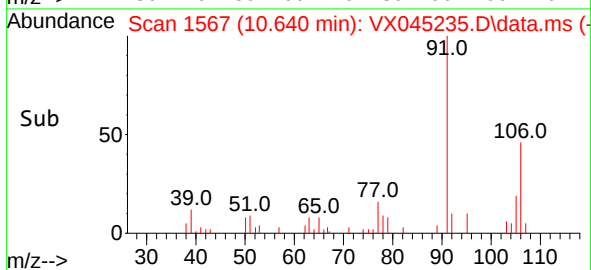
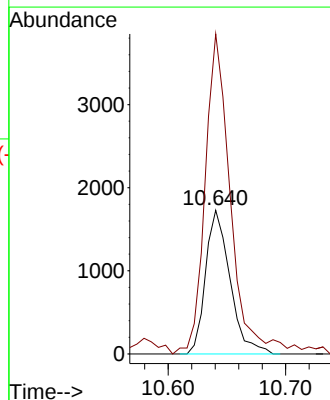
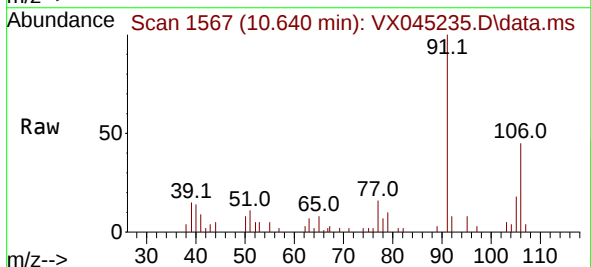
Manual Integrations
APPROVED

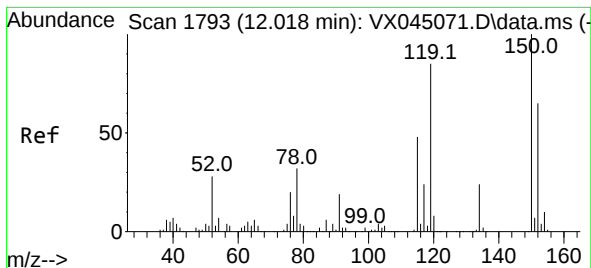
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#69
o-Xylene
Concen: 1.484 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

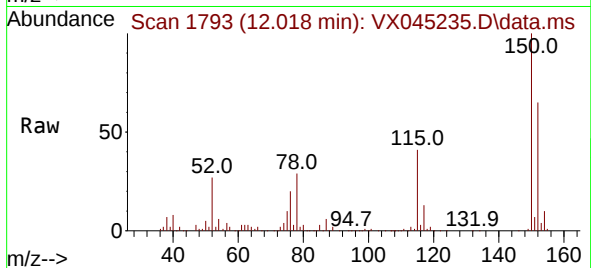
Tgt Ion:106 Resp: 2499
Ion Ratio Lower Upper
106 100
91 235.5 109.9 329.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

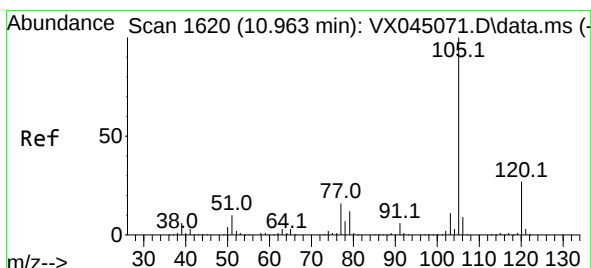
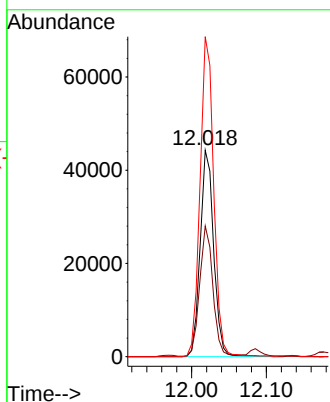
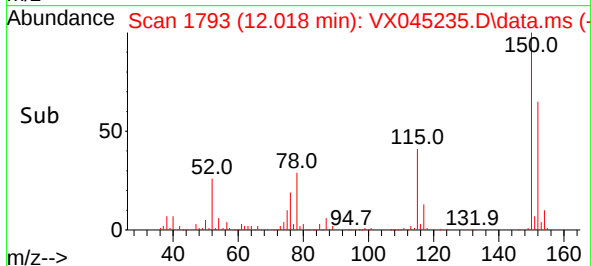
Instrument :
MSVOA_X
ClientSampleId :
MW10



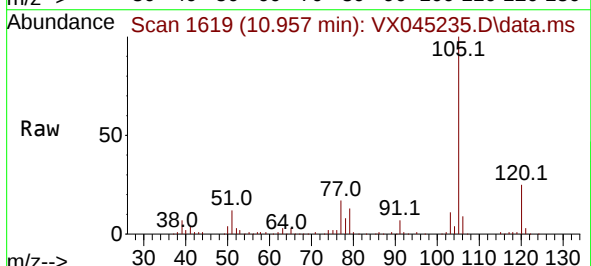
Tgt Ion:152 Resp: 5546
Ion Ratio Lower Upper
152 100
115 61.5 44.2 132.6
150 157.2 0.0 349.0

Manual Integrations
APPROVED

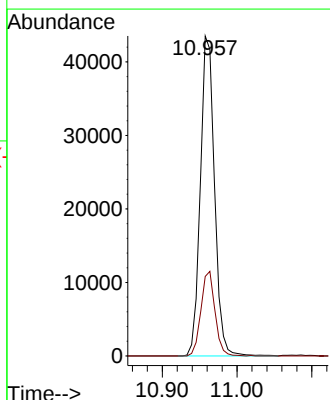
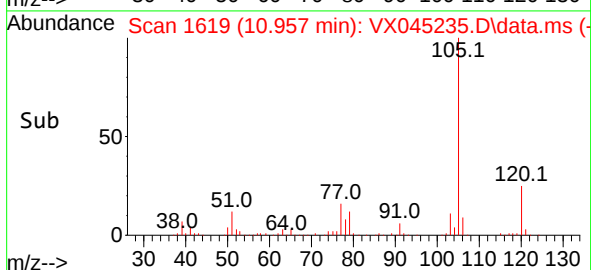
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

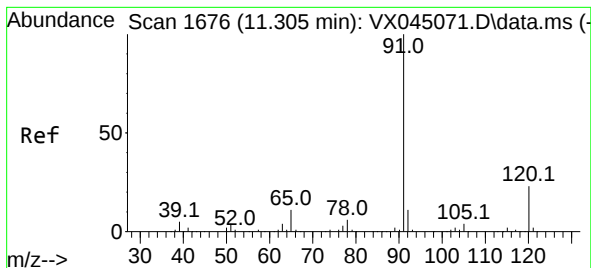


#73
Isopropylbenzene
Concen: 13.241 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25



Tgt Ion:105 Resp: 57321
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5





#78

n-propylbenzene

Concen: 21.616 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX045235.D

Acq: 11 Mar 2025 19:25

Instrument :

MSVOA_X

ClientSampleId :

MW10

Tgt Ion: 91 Resp: 105700

Ion Ratio Lower Upper

91 100

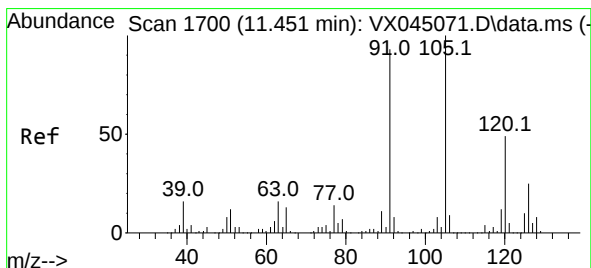
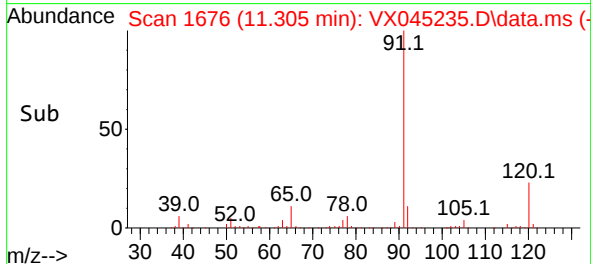
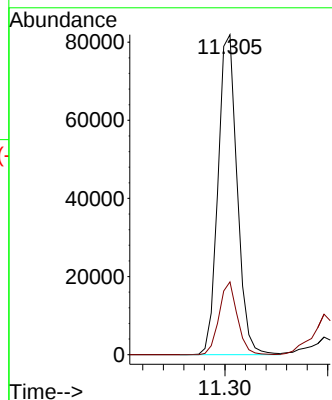
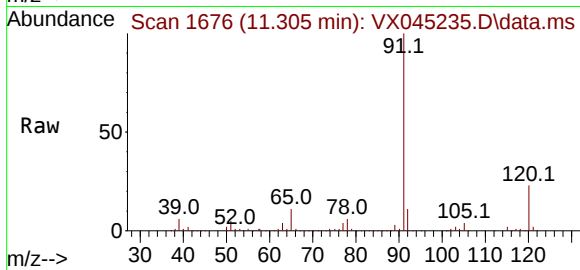
120 21.7 11.2 33.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/12/2025

Supervised By :Mahesh Dadoda 03/12/2025



#80

1,3,5-Trimethylbenzene

Concen: 2.376 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX045235.D

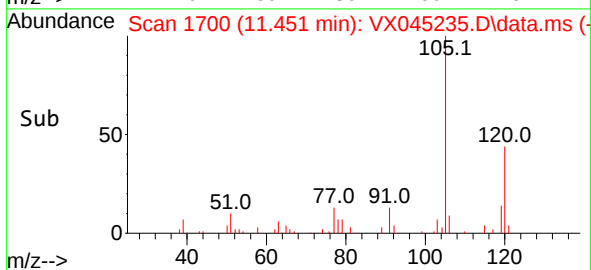
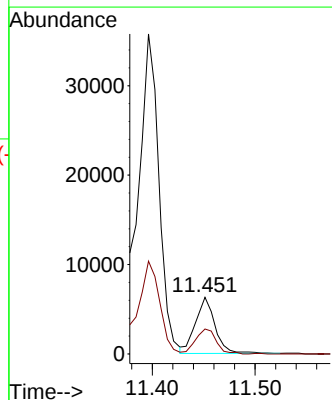
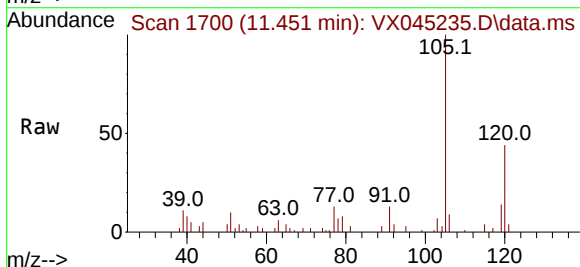
Acq: 11 Mar 2025 19:25

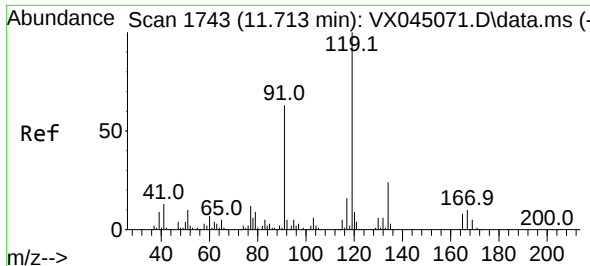
Tgt Ion:105 Resp: 8317

Ion Ratio Lower Upper

105 100

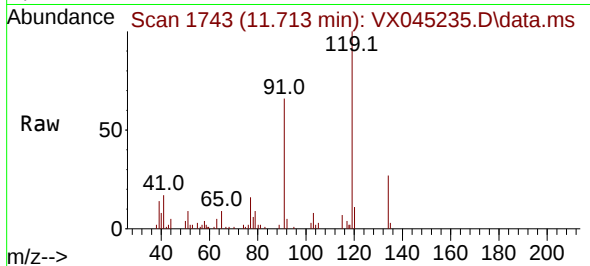
120 47.1 24.1 72.2





#83
 tert-Butylbenzene
 Concen: 2.266 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX045235.D
 Acq: 11 Mar 2025 19:25

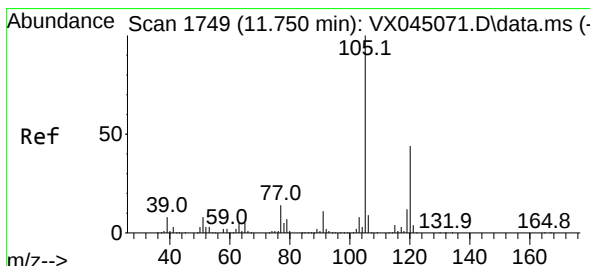
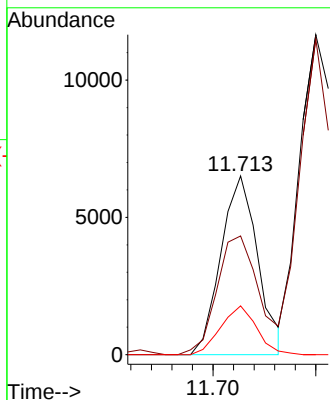
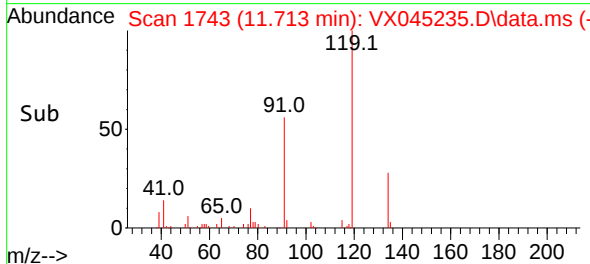
Instrument :
 MSVOA_X
 ClientSampleId :
 MW10



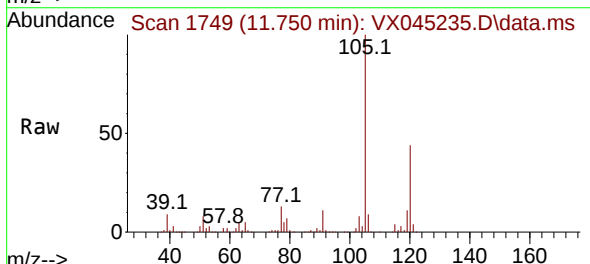
Tgt Ion:119 Resp: 8149
 Ion Ratio Lower Upper
 119 100
 91 75.8 30.7 92.1
 134 26.5 11.7 35.0

Manual Integrations
 APPROVED

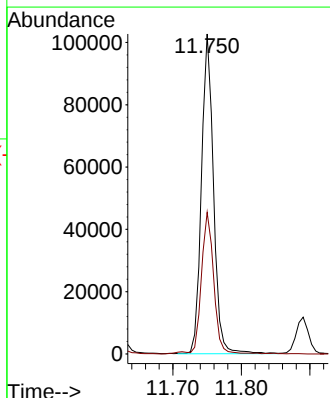
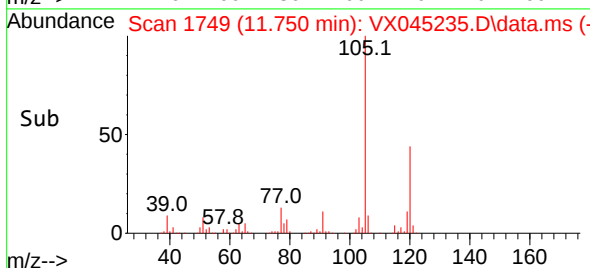
Reviewed By :John Carlone 03/12/2025
 Supervised By :Mahesh Dadoda 03/12/2025

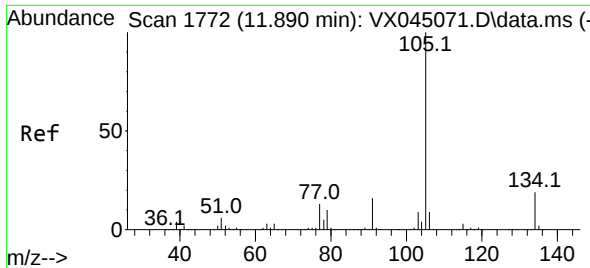


#84
 1,2,4-Trimethylbenzene
 Concen: 35.821 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX045235.D
 Acq: 11 Mar 2025 19:25



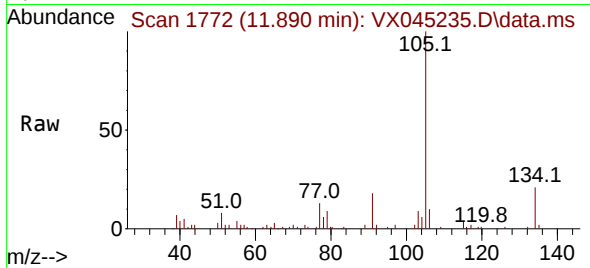
Tgt Ion:105 Resp: 126160
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.1 66.1





#85
sec-Butylbenzene
Concen: 3.402 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

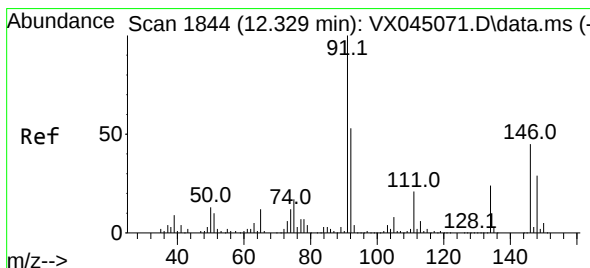
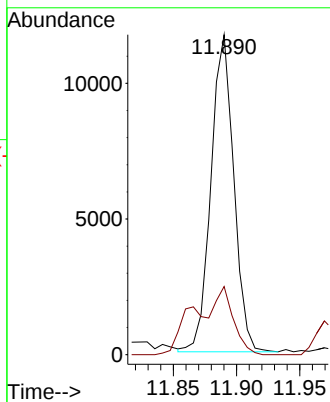
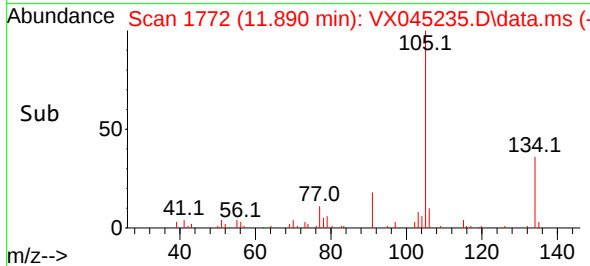
Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:105 Resp: 14650
Ion Ratio Lower Upper
105 100
134 17.4 9.8 29.4

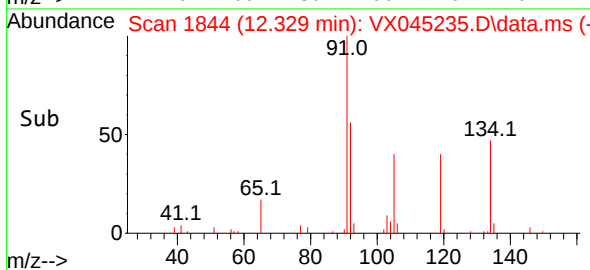
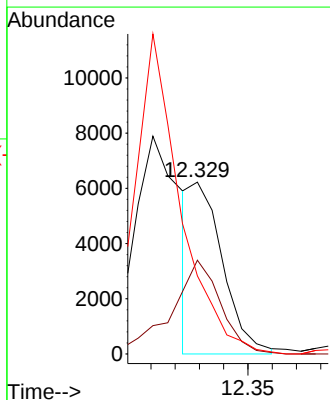
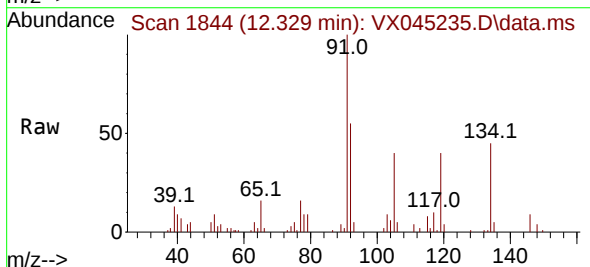
Manual Integrations
APPROVED

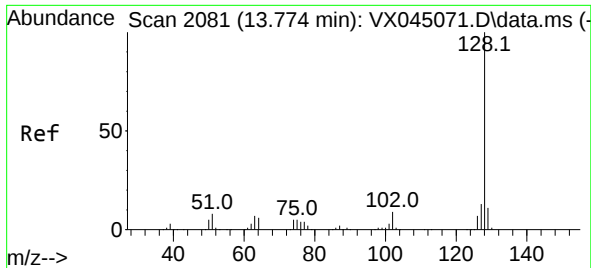
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#89
n-Butylbenzene
Concen: 1.893 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

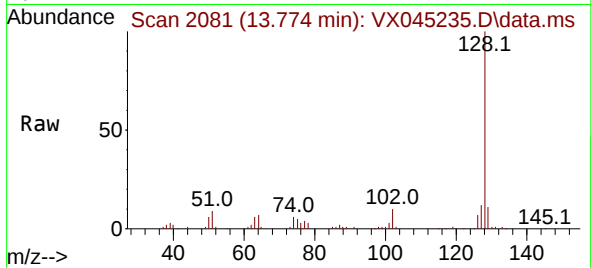
Tgt Ion: 91 Resp: 5677
Ion Ratio Lower Upper
91 100
92 84.7 26.7 80.0#
134 261.7 12.2 36.6#





#95
Naphthalene
Concen: 7.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Instrument :
MSVOA_X
ClientSampleId :
MW10



Tgt Ion:128 Resp: 31539
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 13.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

