

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046277.D
 Acq On : 19 May 2025 18:55
 Operator : JC/MD
 Sample : Q2053-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8

Quant Time: May 19 23:17:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	60568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124944	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60983	54.006	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.020%			
35) Dibromofluoromethane	5.379	113	44996	50.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.020%			
50) Toluene-d8	8.647	98	154331	49.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.120%			
62) 4-Bromofluorobenzene	11.079	95	62208	52.078	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.160%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.971	59	3655	23.060	ug/l	98
16) Acetone	2.380	43	35932	79.364	ug/l	99
18) Methyl Acetate	2.703	43	3900	3.712	ug/l	96
20) Methylene Chloride	2.788	84	9144	10.539	ug/l	93
25) 2-Butanone	4.568	43	9546	14.523	ug/l #	90
40) Benzene	6.043	78	8717	2.462	ug/l	92
43) Isopropyl Acetate	6.348	43	15630	6.860	ug/l	97
52) Toluene	8.720	92	8904	4.101	ug/l	97
68) m/p-Xylenes	10.299	106	4408	2.708	ug/l	96
69) o-Xylene	10.640	106	2899	1.827	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	6029m	1.745	ug/l	
95) Naphthalene	13.774	128	72739	19.892	ug/l	99

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

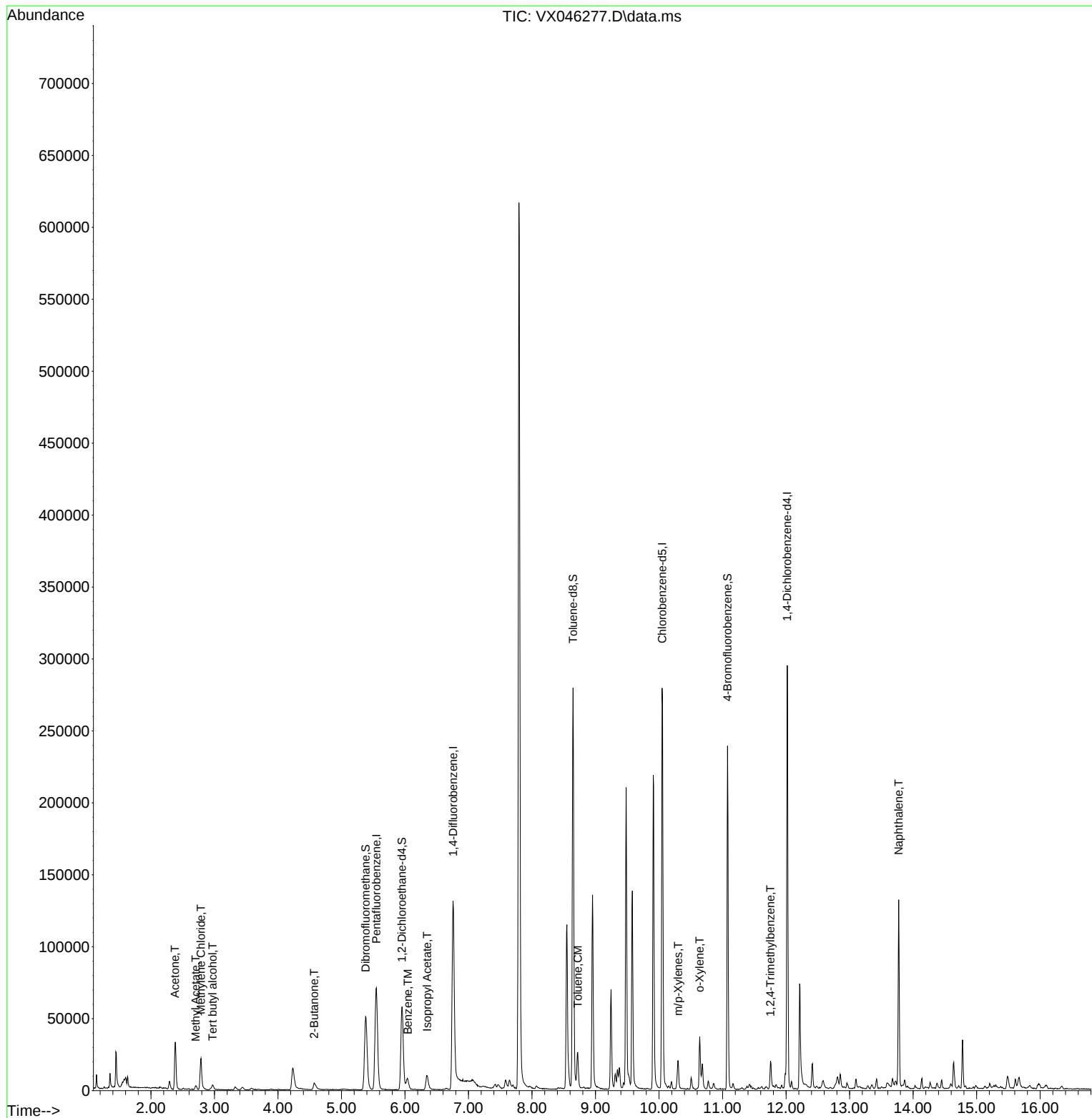
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046277.D
Acq On : 19 May 2025 18:55
Operator : JC/MD
Sample : Q2053-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

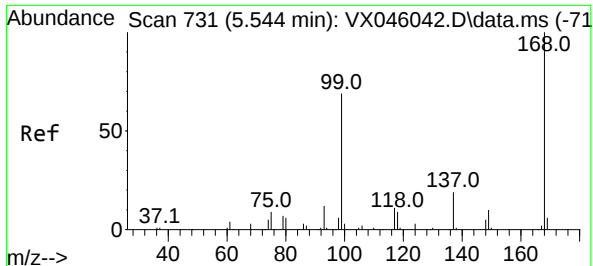
Instrument :
MSVOA_X
ClientSampleId :
SB-8

Quant Time: May 19 23:17:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

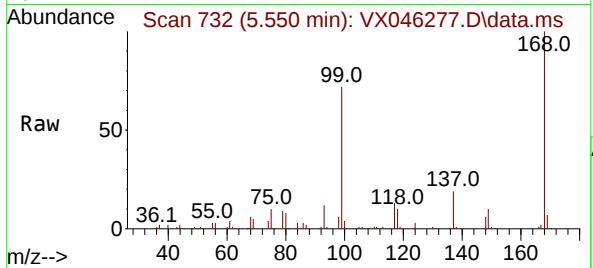
Reviewed By : John Carlone 05/21/2025
Supervised By : Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

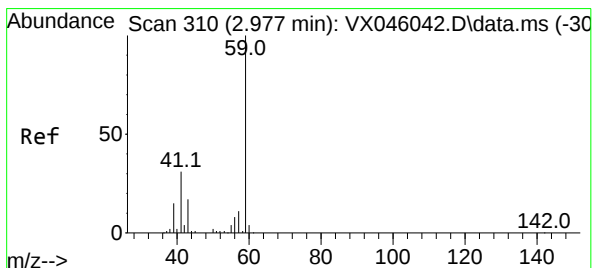
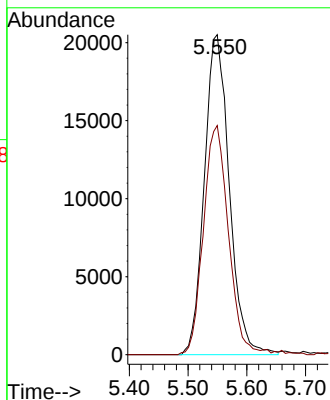
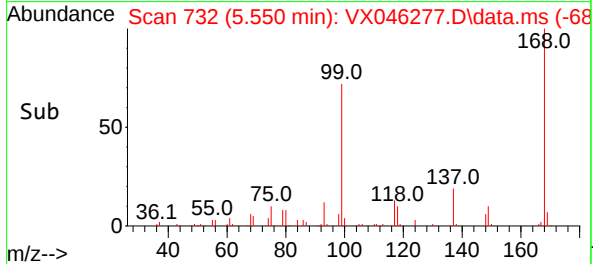
Instrument :
MSVOA_X
ClientSampleId :
SB-8



Tgt Ion:168 Resp: 6056
Ion Ratio Lower Upper
168 100
99 71.6 54.9 82.3

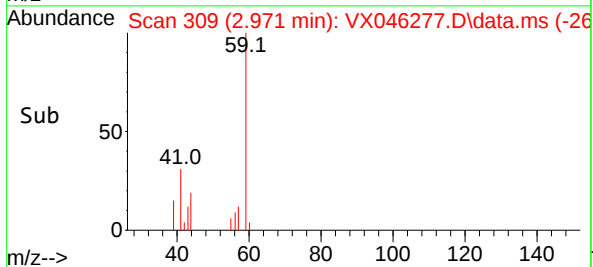
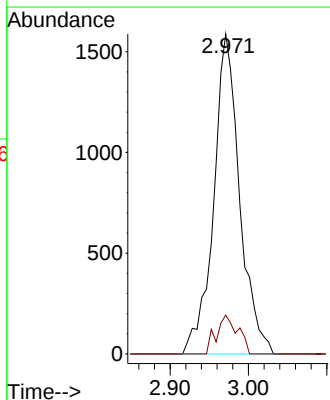
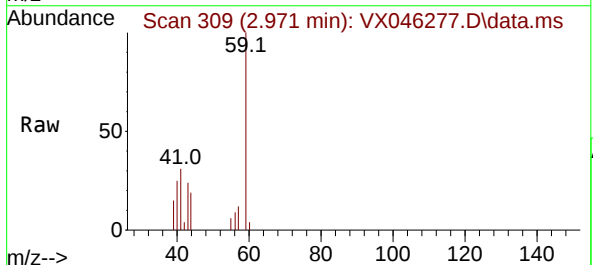
Manual Integrations
APPROVED

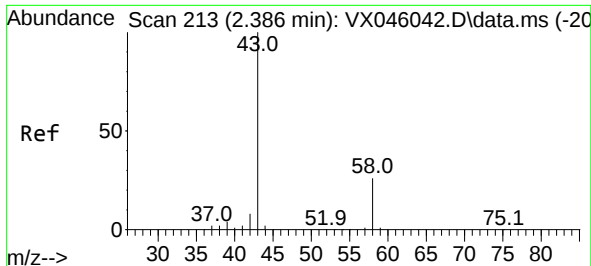
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 23.060 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

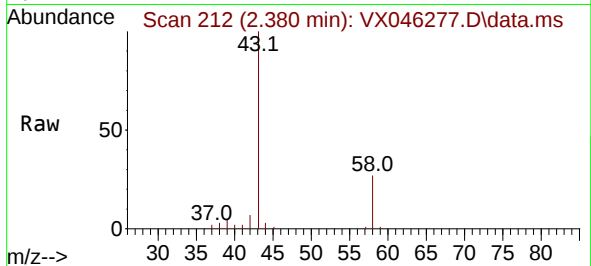
Tgt Ion: 59 Resp: 3655
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8





#16
Acetone
Concen: 79.364 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

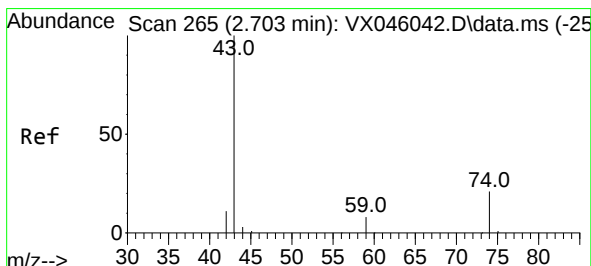
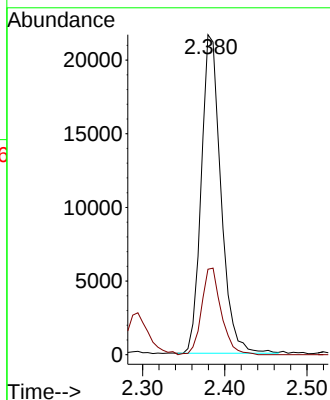
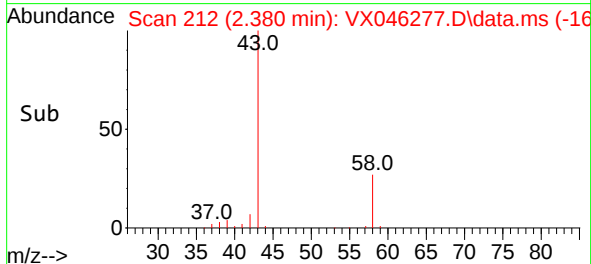
Instrument :
MSVOA_X
ClientSampleId :
SB-8



Tgt Ion: 43 Resp: 3593
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8

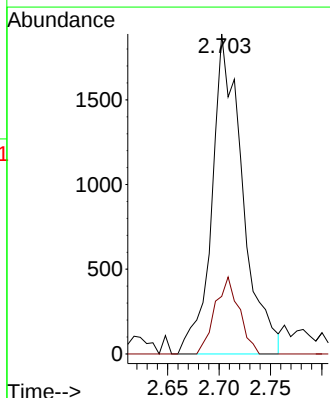
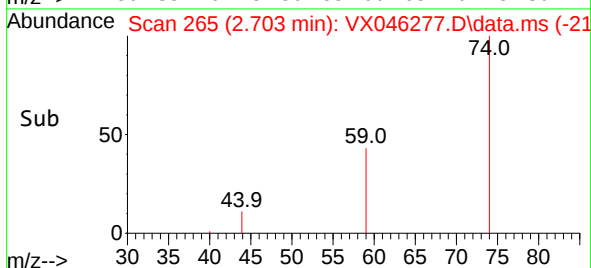
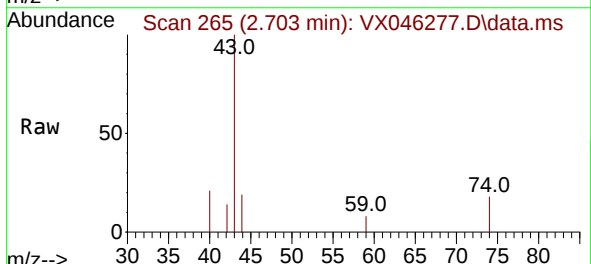
Manual Integrations
APPROVED

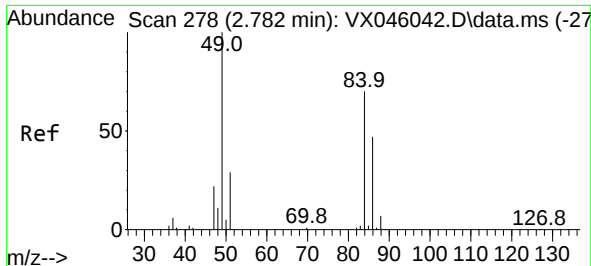
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#18
Methyl Acetate
Concen: 3.712 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

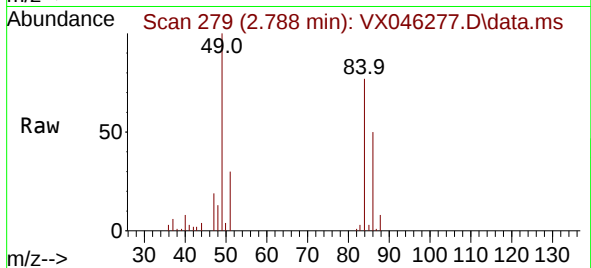
Tgt Ion: 43 Resp: 3900
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1





#20
Methylene Chloride
Concen: 10.539 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

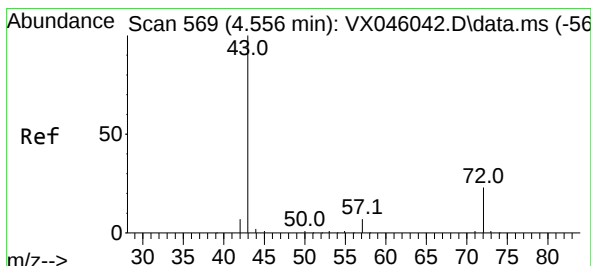
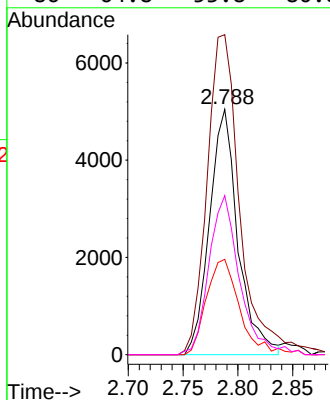
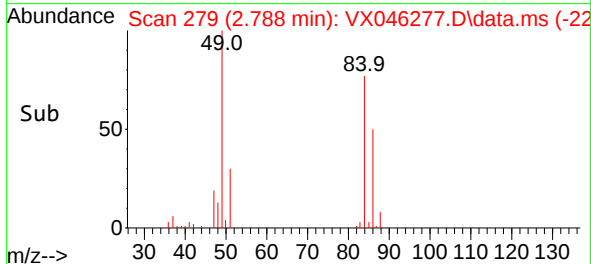
Instrument :
MSVOA_X
ClientSampleId :
SB-8



Tgt Ion: 84 Resp: 9144
Ion Ratio Lower Upper
84 100
49 130.4 113.9 170.9
51 38.9 33.5 50.3
86 64.8 53.8 80.8

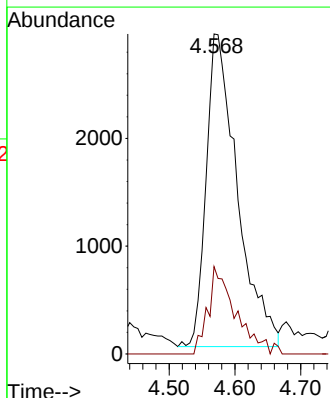
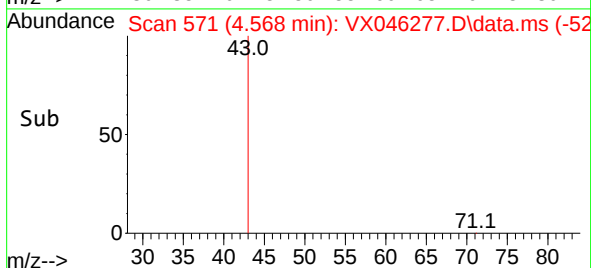
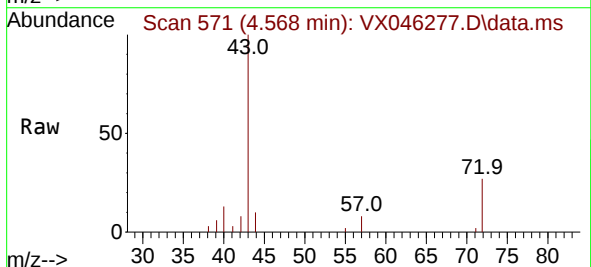
Manual Integrations
APPROVED

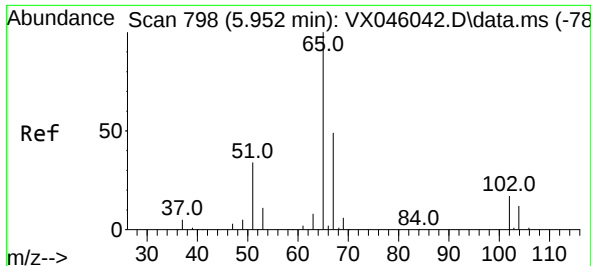
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#25
2-Butanone
Concen: 14.523 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Tgt Ion: 43 Resp: 9546
Ion Ratio Lower Upper
43 100
72 27.9 18.4 27.6#





#33

1,2-Dichloroethane-d4

Concen: 54.006 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046277.D

Acq: 19 May 2025 18:55

Instrument :

MSVOA_X

ClientSampleId :

SB-8

Tgt Ion: 65 Resp: 6098

Ion Ratio Lower Upper

65 100

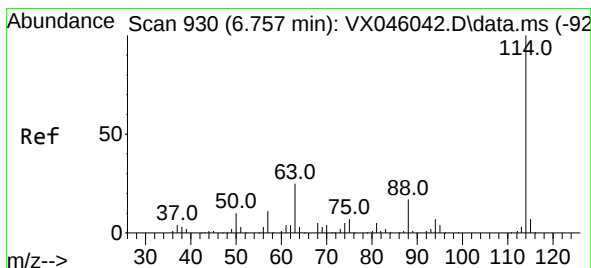
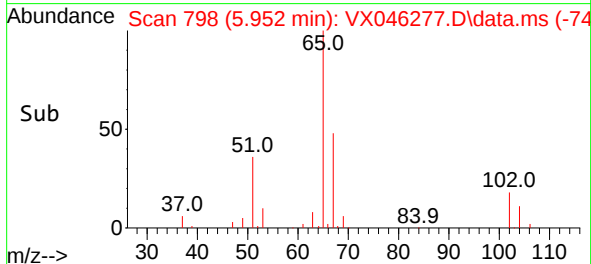
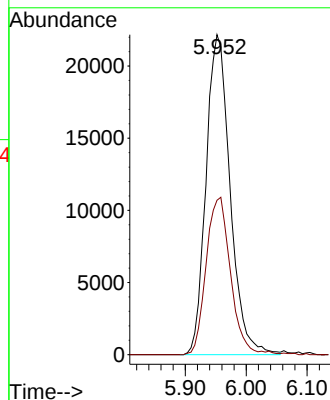
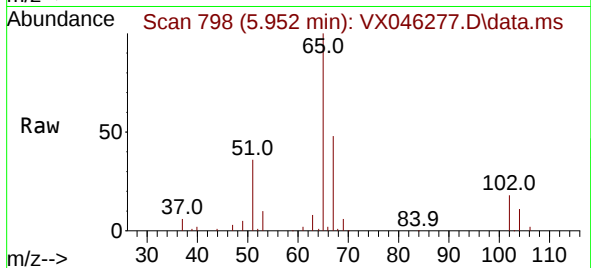
67 49.8 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX046277.D

Acq: 19 May 2025 18:55

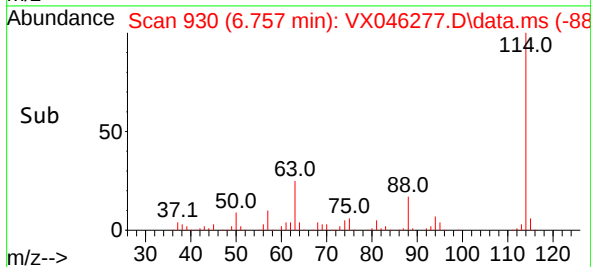
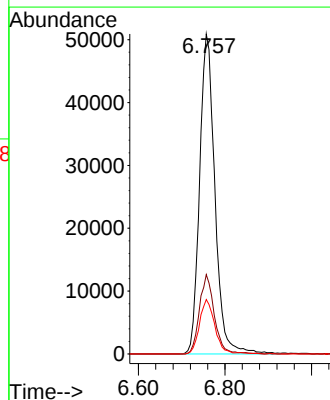
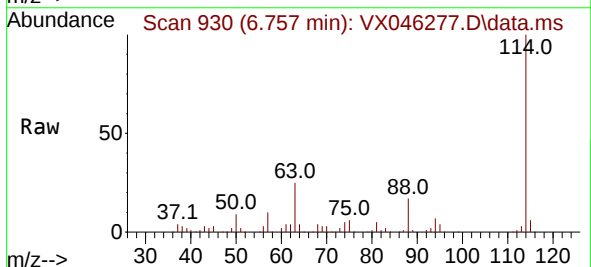
Tgt Ion:114 Resp: 124944

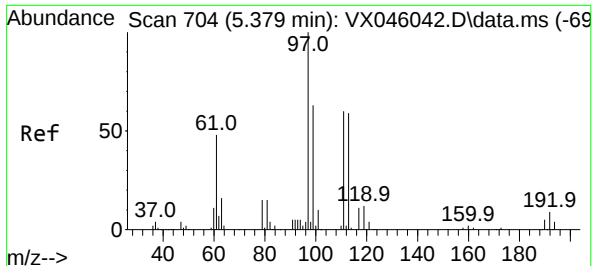
Ion Ratio Lower Upper

114 100

63 24.8 0.0 49.2

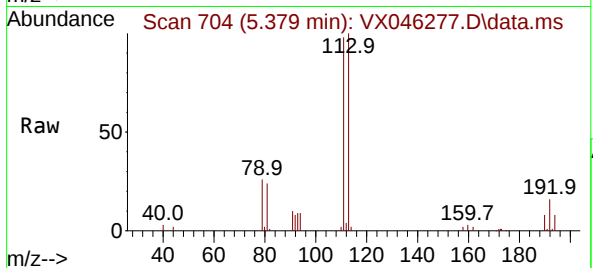
88 17.0 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.011 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

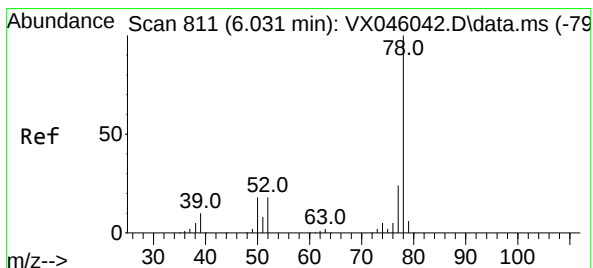
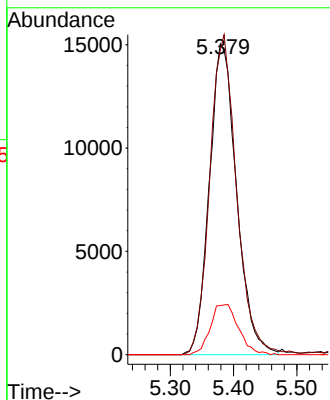
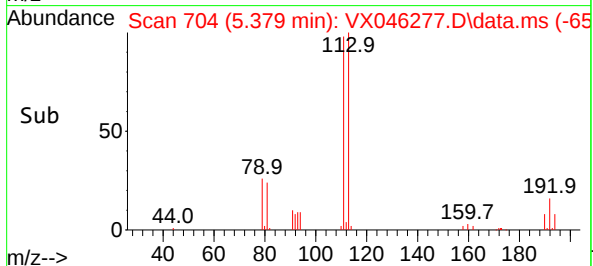
Instrument :
MSVOA_X
ClientSampleId :
SB-8



Tgt Ion:113 Resp: 44990
Ion Ratio Lower Upper
113 100
111 101.6 83.1 124.7
192 16.7 13.3 19.9

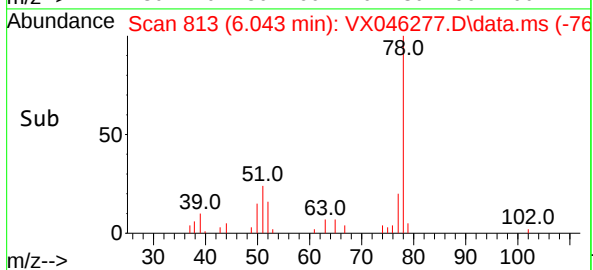
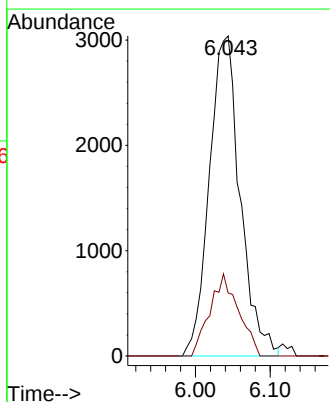
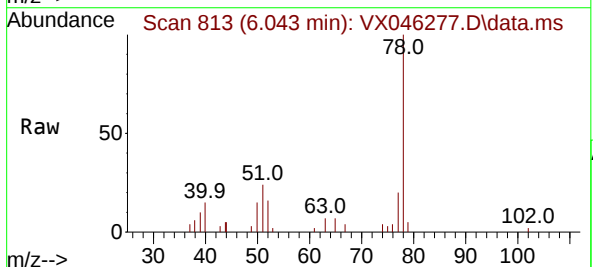
Manual Integrations
APPROVED

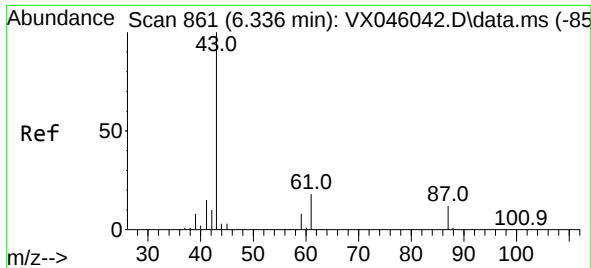
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 2.462 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

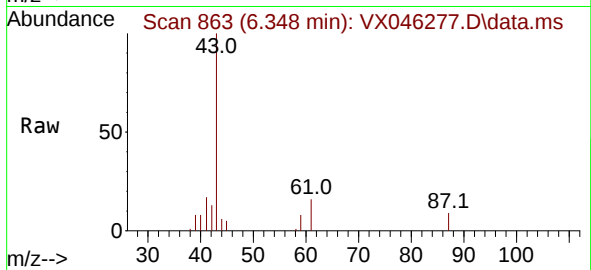
Tgt Ion: 78 Resp: 8717
Ion Ratio Lower Upper
78 100
77 19.7 19.0 28.4





#43
Isopropyl Acetate
Concen: 6.860 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

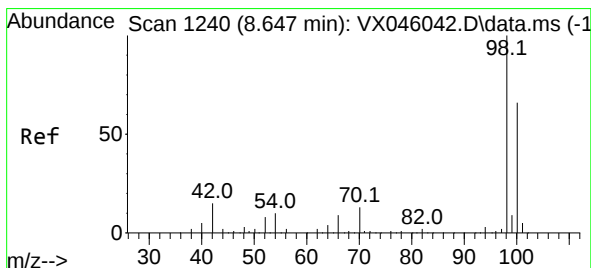
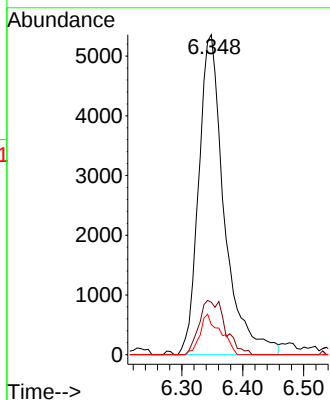
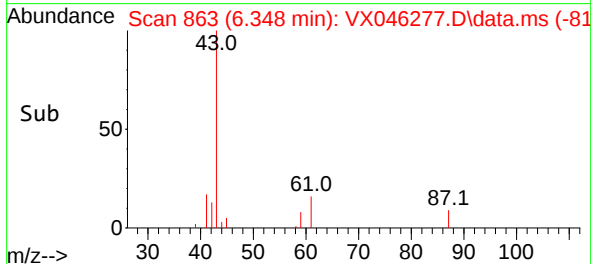
Instrument :
MSVOA_X
ClientSampleId :
SB-8



Tgt Ion: 43 Resp: 15630
Ion Ratio Lower Upper
43 100
61 17.4 14.3 21.5
87 10.1 9.5 14.3

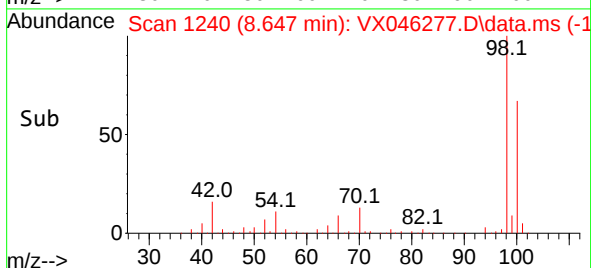
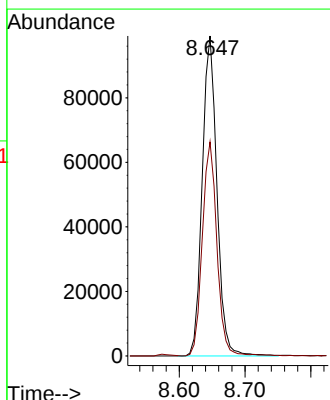
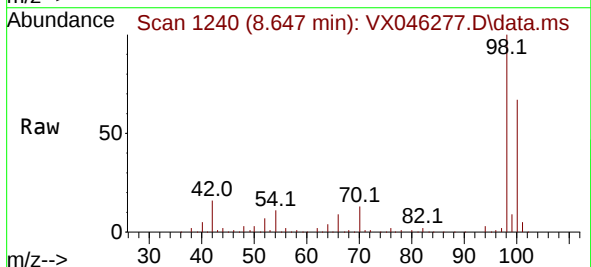
Manual Integrations
APPROVED

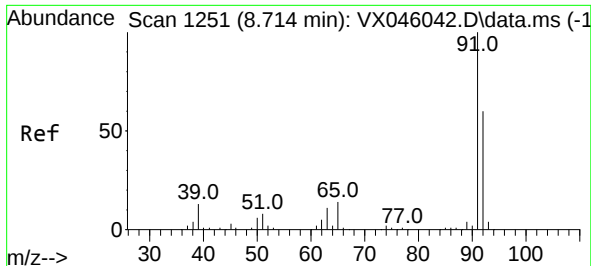
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 49.559 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Tgt Ion: 98 Resp: 154331
Ion Ratio Lower Upper
98 100
100 66.5 53.5 80.3





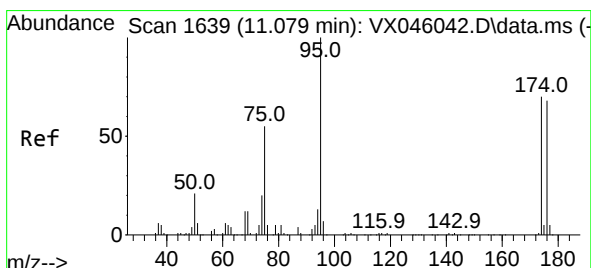
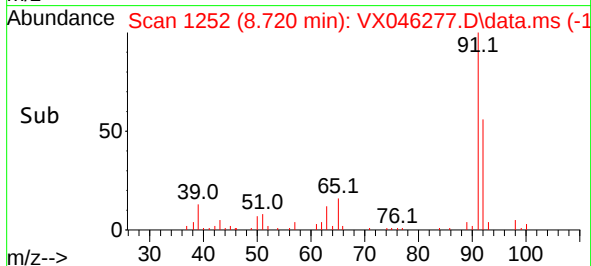
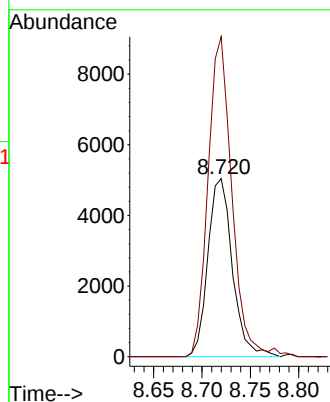
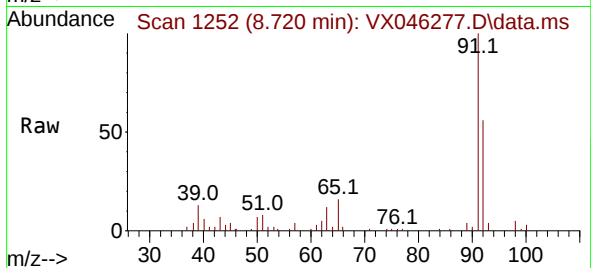
#52
Toluene
Concen: 4.101 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Instrument :
MSVOA_X
ClientSampleId :
SB-8

Tgt Ion: 92 Resp: 8904
Ion Ratio Lower Upper
92 100
91 174.9 136.6 205.0

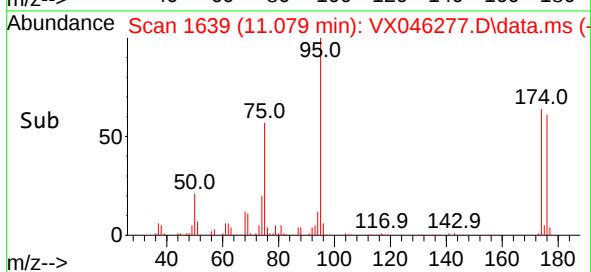
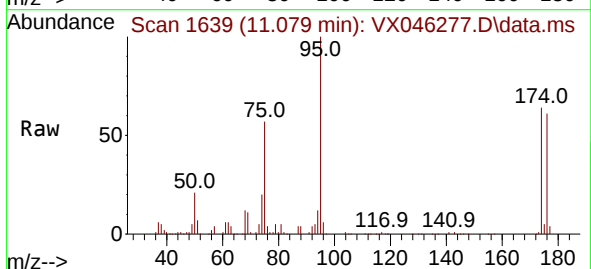
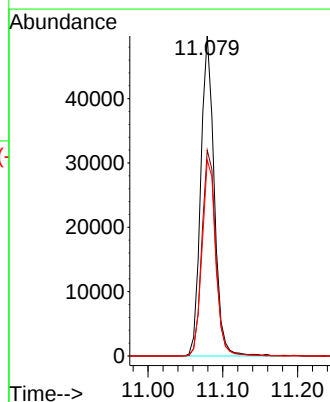
Manual Integrations
APPROVED

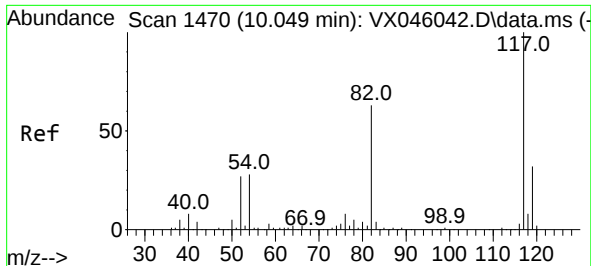
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
4-Bromofluorobenzene
Concen: 52.078 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Tgt Ion: 95 Resp: 62208
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 62.3 0.0 131.4





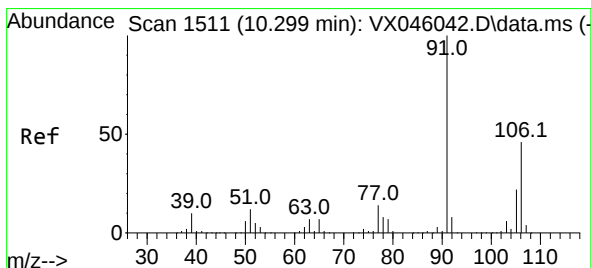
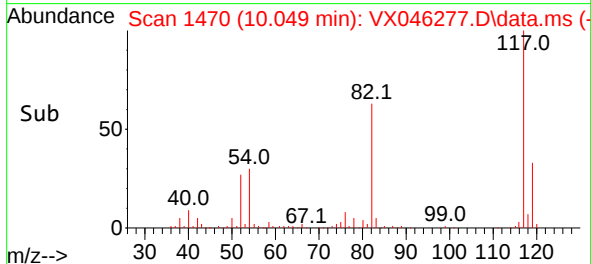
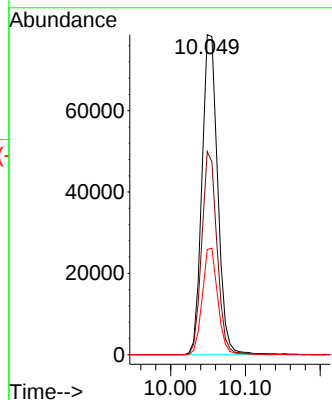
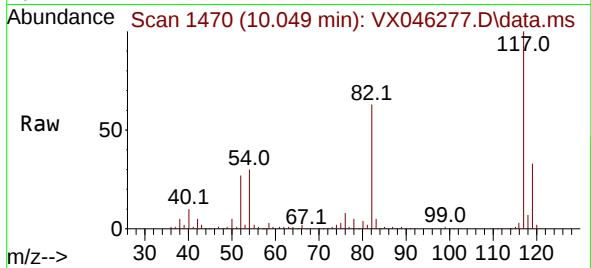
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Instrument :
MSVOA_X
ClientSampleId :
SB-8

Tgt Ion:117 Resp: 11535
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 32.8 25.8 38.6

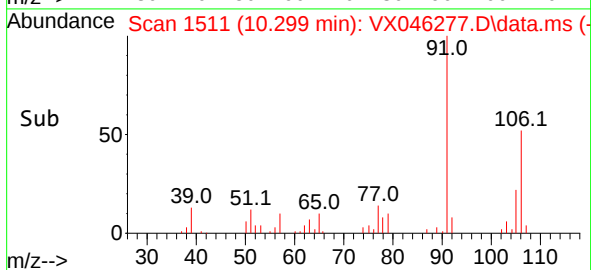
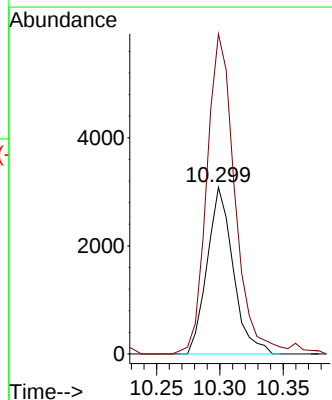
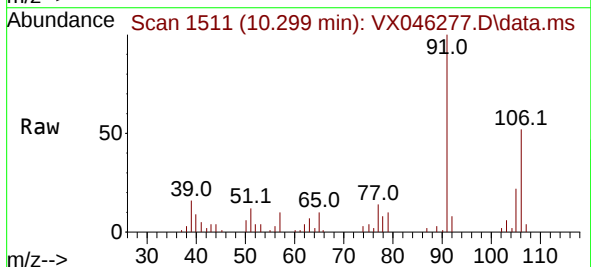
Manual Integrations
APPROVED

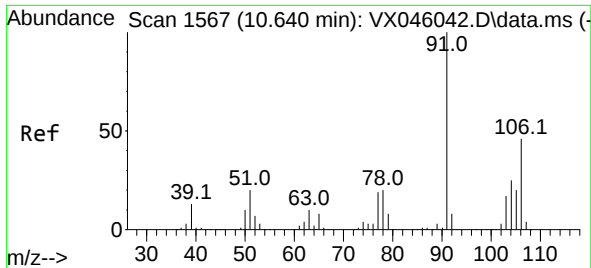
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 2.708 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Tgt Ion:106 Resp: 4408
Ion Ratio Lower Upper
106 100
91 207.0 171.2 256.8





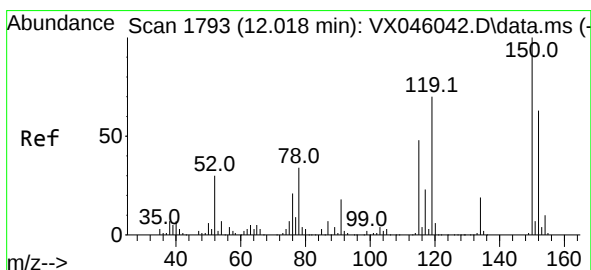
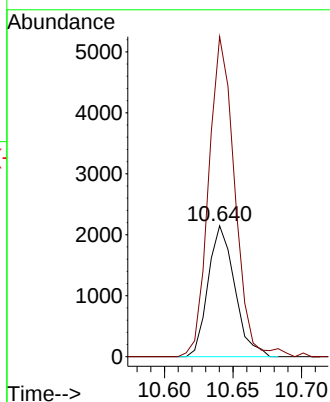
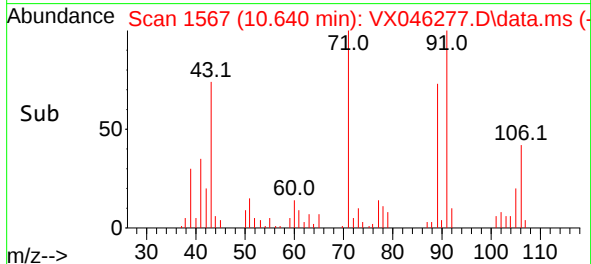
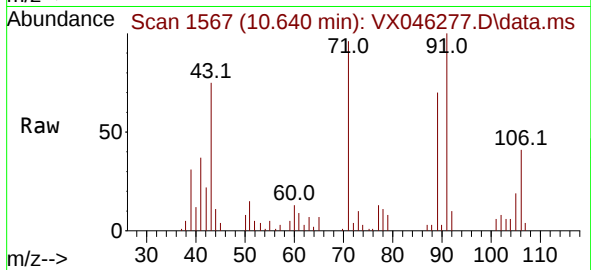
#69
o-Xylene
Concen: 1.827 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Instrument :
MSVOA_X
ClientSampleId :
SB-8

Tgt Ion:106 Resp: 289
Ion Ratio Lower Upper
106 100
91 240.7 112.7 338.1

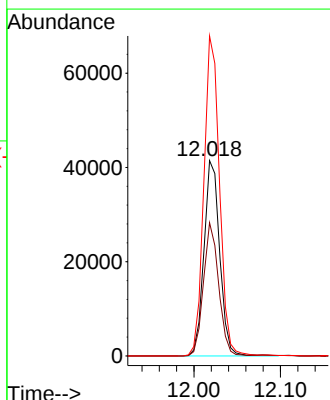
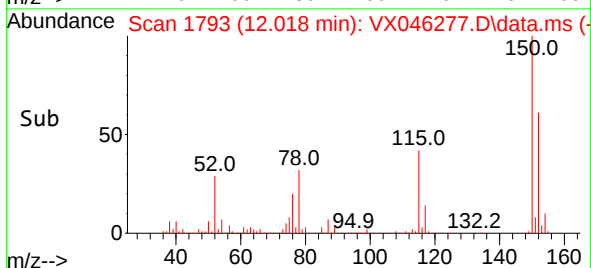
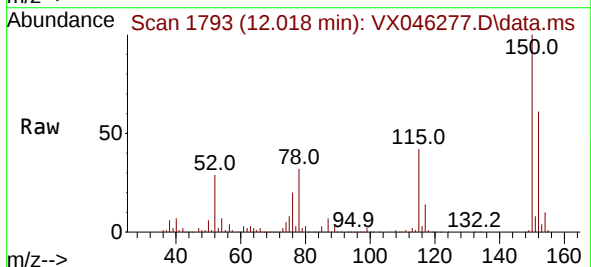
Manual Integrations
APPROVED

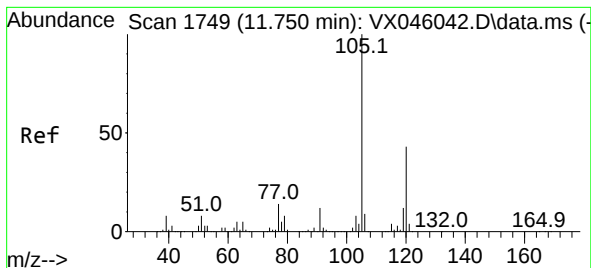
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046277.D
Acq: 19 May 2025 18:55

Tgt Ion:152 Resp: 52441
Ion Ratio Lower Upper
152 100
115 65.8 46.9 140.7
150 162.4 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 1.745 ug/l m

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX046277.D

Acq: 19 May 2025 18:55

Instrument :

MSVOA_X

ClientSampleId :

SB-8

Tgt Ion:105 Resp: 6029

Ion Ratio Lower Upper

105 100

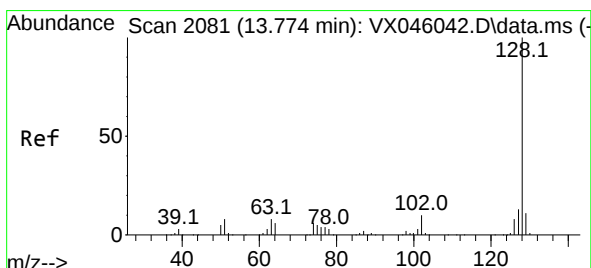
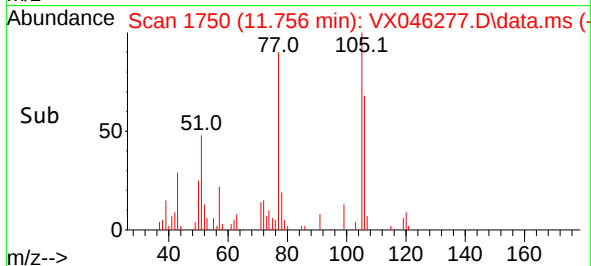
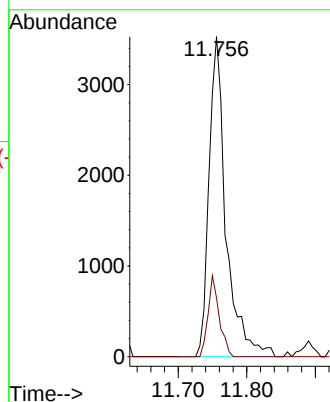
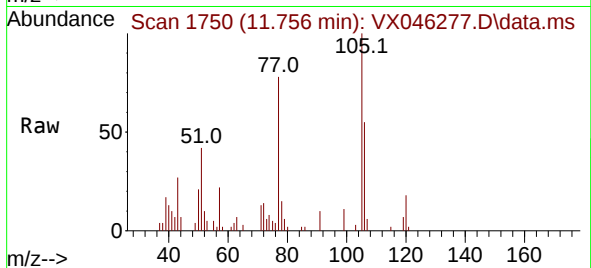
120 3.8 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#95

Naphthalene

Concen: 19.892 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046277.D

Acq: 19 May 2025 18:55

Tgt Ion:128 Resp: 72739

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.2 8.6 13.0

