

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046275.D
 Acq On : 19 May 2025 18:08
 Operator : JC/MD
 Sample : Q2053-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6

Quant Time: May 19 23:15:56 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	60206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118568	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59904	53.370	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	5.385	113	43289	50.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.647	98	148727	50.328	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	58207	51.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.700%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	3377	21.434	ug/l #	93
16) Acetone	2.386	43	39052	86.774	ug/l	99
18) Methyl Acetate	2.703	43	3922	3.755	ug/l #	89
20) Methylene Chloride	2.782	84	10131	11.747	ug/l	95
25) 2-Butanone	4.581	43	10246	15.682	ug/l	93
40) Benzene	6.038	78	21648	6.442	ug/l	96
43) Isopropyl Acetate	6.349	43	15225	7.041	ug/l	96
52) Toluene	8.714	92	40679	19.743	ug/l	98
68) m/p-Xylenes	10.299	106	5347	3.354	ug/l	93
69) o-Xylene	10.640	106	4732	3.045	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	9648m	2.984	ug/l	
95) Naphthalene	13.774	128	87188	25.474	ug/l	100

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

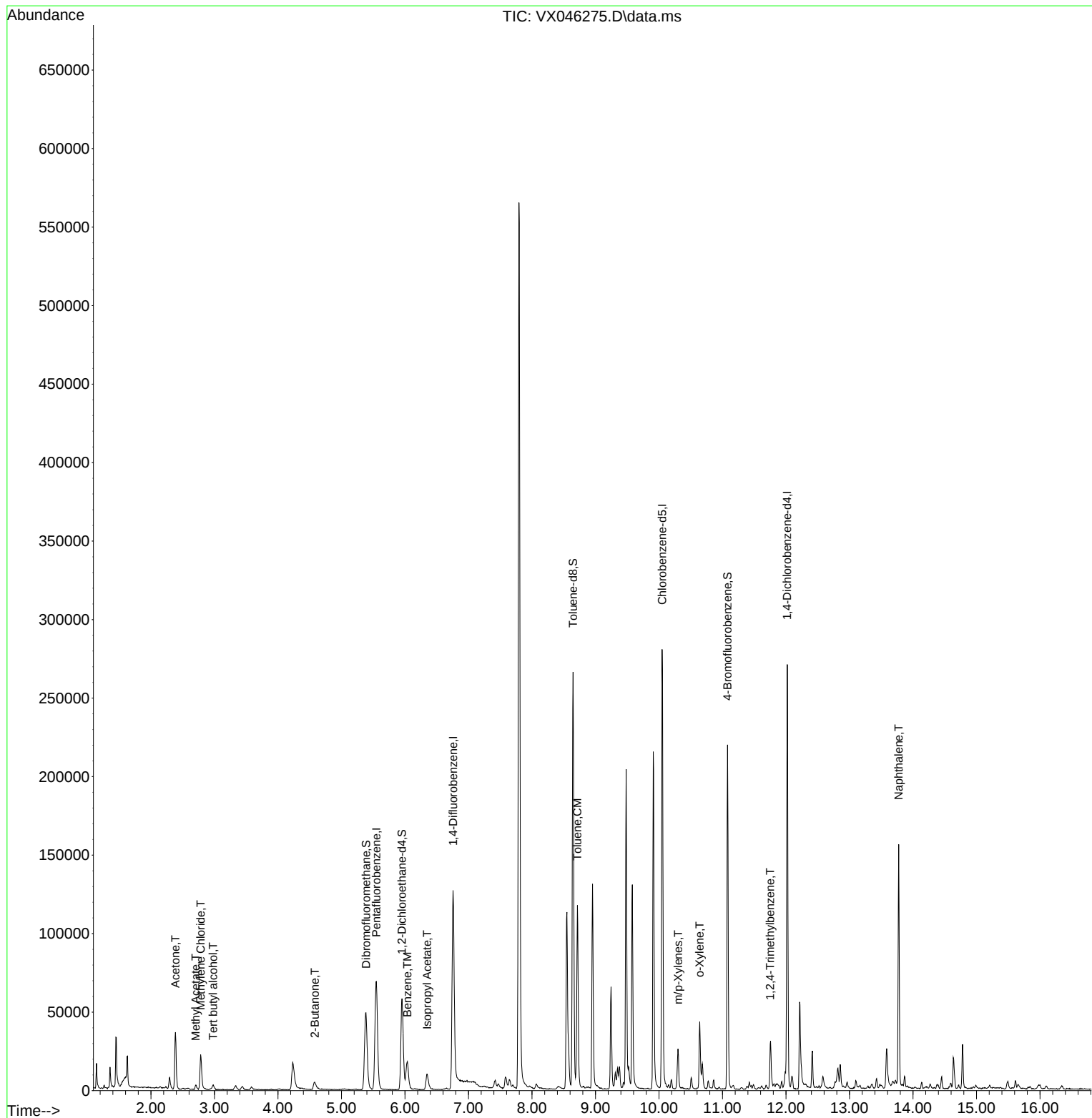
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046275.D
Acq On : 19 May 2025 18:08
Operator : JC/MD
Sample : Q2053-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-6

Quant Time: May 19 23:15:56 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





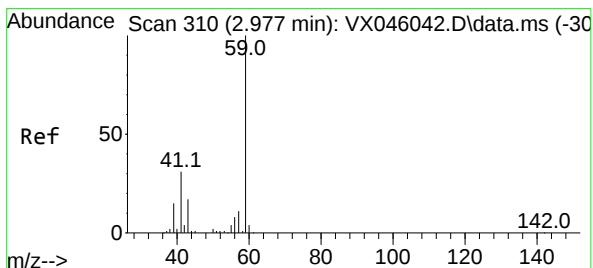
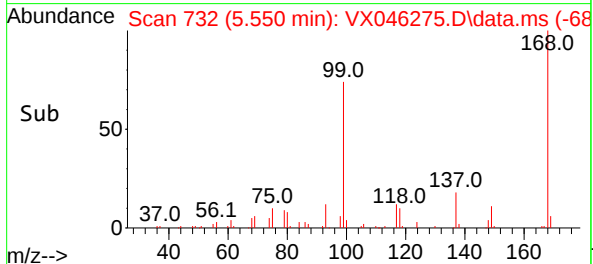
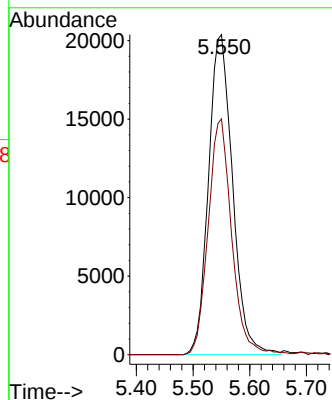
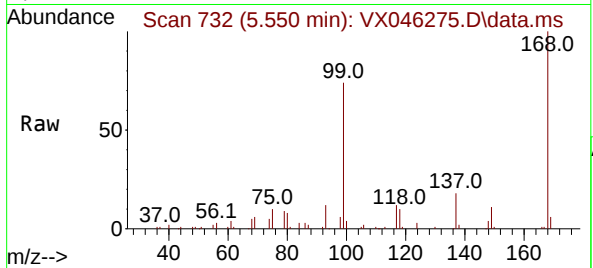
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

Instrument :
MSVOA_X
ClientSampleId :
SB-6

Tgt Ion:168 Resp: 60200
Ion Ratio Lower Upper
168 100
99 73.7 54.9 82.3

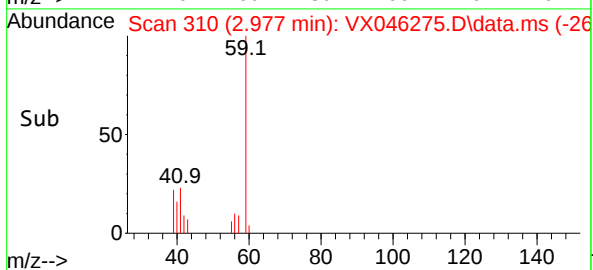
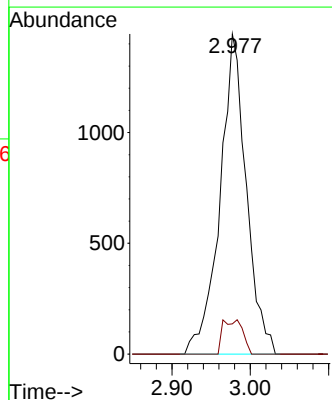
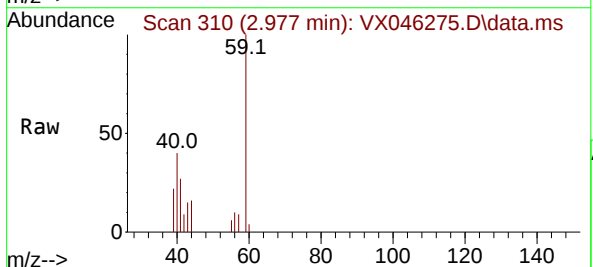
Manual Integrations
APPROVED

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



#11
Tert butyl alcohol
Concen: 21.434 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

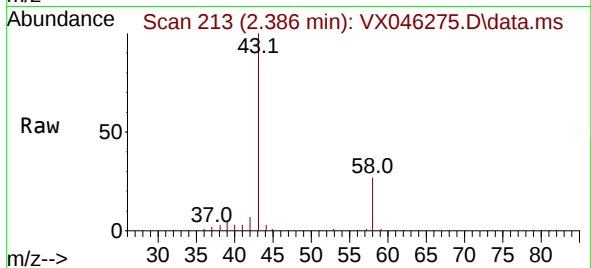
Tgt Ion: 59 Resp: 3377
Ion Ratio Lower Upper
59 100
57 8.1 8.6 12.8#





#16
Acetone
Concen: 86.774 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

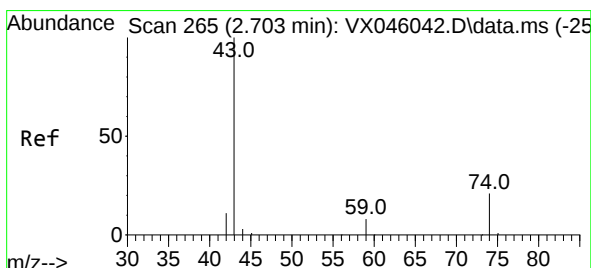
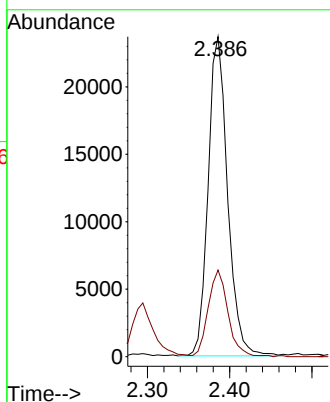
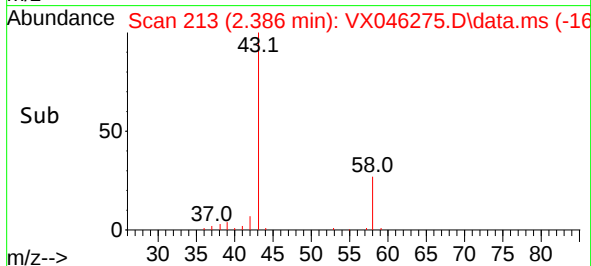
Instrument :
MSVOA_X
ClientSampleId :
SB-6



Tgt Ion: 43 Resp: 3905
Ion Ratio Lower Upper
43 100
58 26.8 21.2 31.8

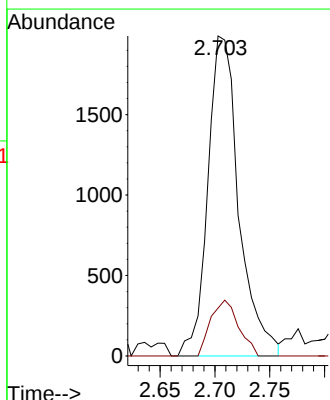
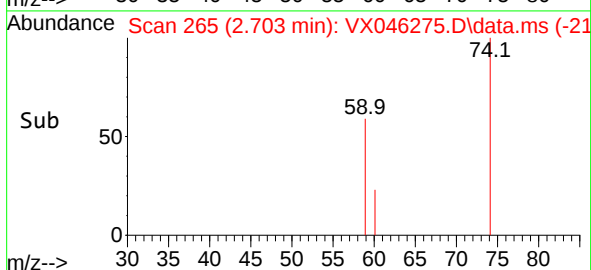
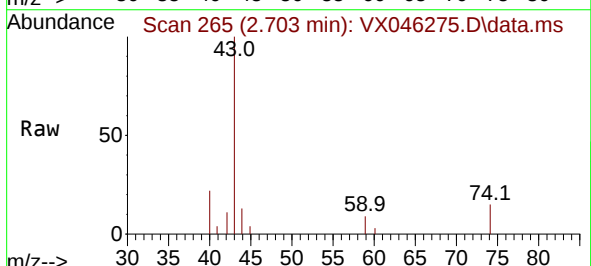
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 3.755 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

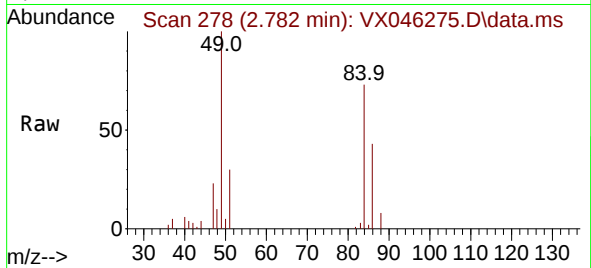
Tgt Ion: 43 Resp: 3922
Ion Ratio Lower Upper
43 100
74 15.7 16.7 25.1#





#20
Methylene Chloride
Concen: 11.747 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

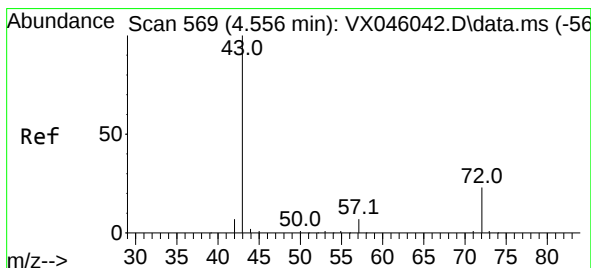
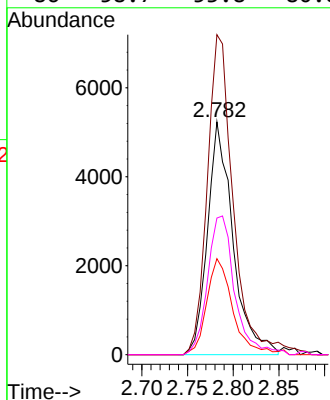
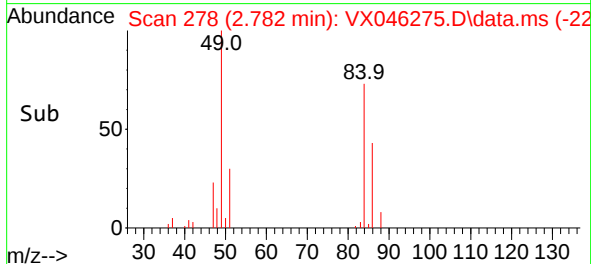
Instrument :
MSVOA_X
ClientSampleId :
SB-6



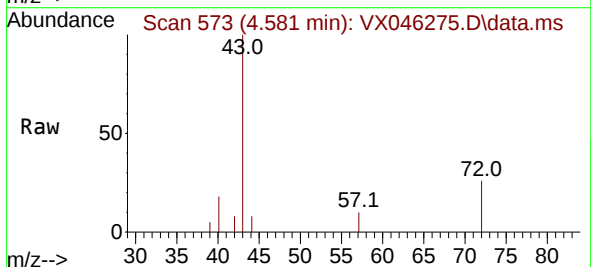
Tgt Ion: 84 Resp: 1013
Ion Ratio Lower Upper
84 100
49 137.4 113.9 170.9
51 41.3 33.5 50.3
86 58.7 53.8 80.8

Manual Integrations
APPROVED

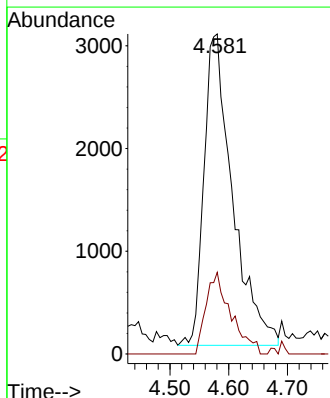
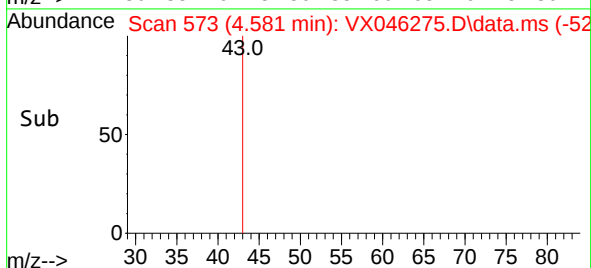
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

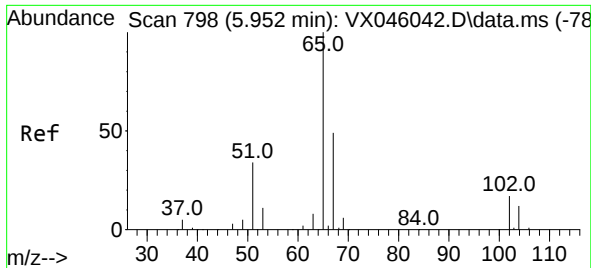


#25
2-Butanone
Concen: 15.682 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08



Tgt Ion: 43 Resp: 10246
Ion Ratio Lower Upper
43 100
72 26.2 18.4 27.6





#33

1,2-Dichloroethane-d4

Concen: 53.370 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046275.D

Acq: 19 May 2025 18:08

Instrument :

MSVOA_X

ClientSampleId :

SB-6

Tgt Ion: 65 Resp: 59904

Ion Ratio Lower Upper

65 100

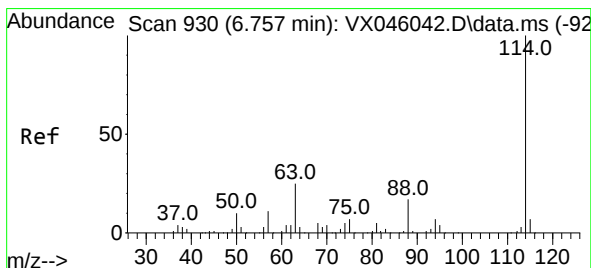
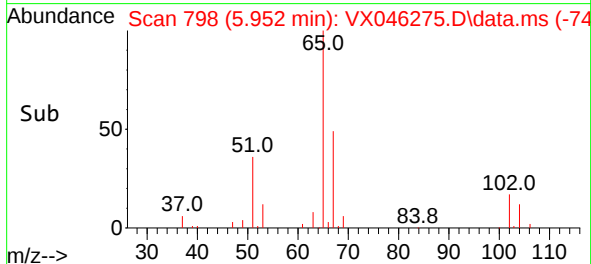
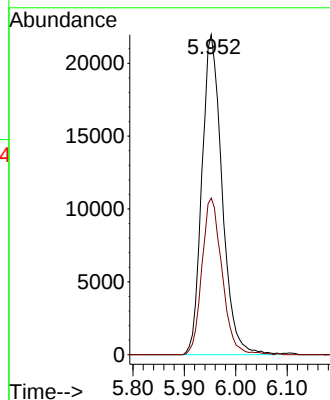
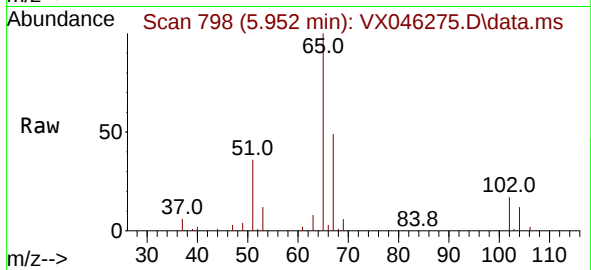
67 48.8 0.0 99.0

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: VX046275.D

Acq: 19 May 2025 18:08

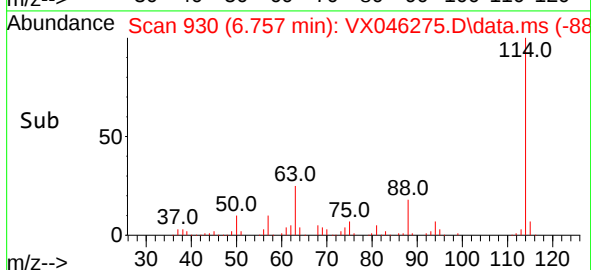
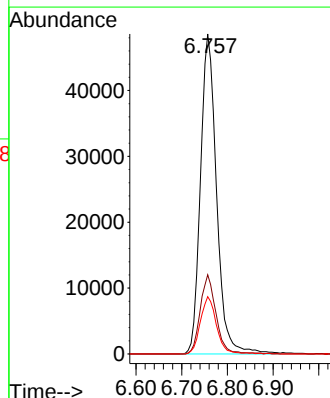
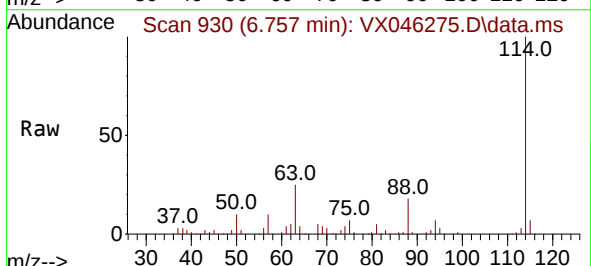
Tgt Ion:114 Resp: 118568

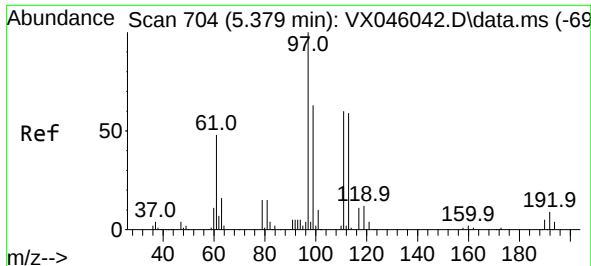
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.2

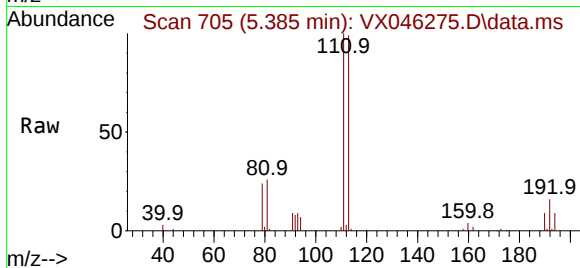
88 17.9 0.0 33.6





#35
Dibromofluoromethane
Concen: 50.701 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

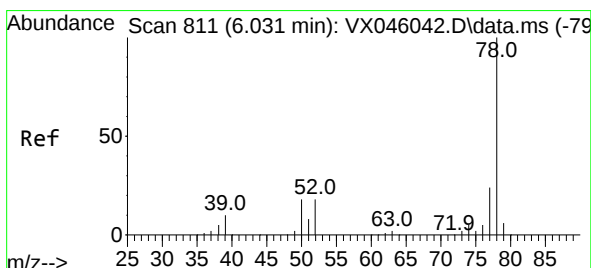
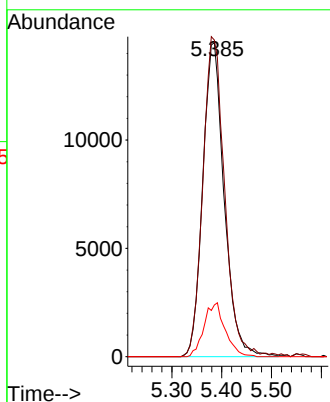
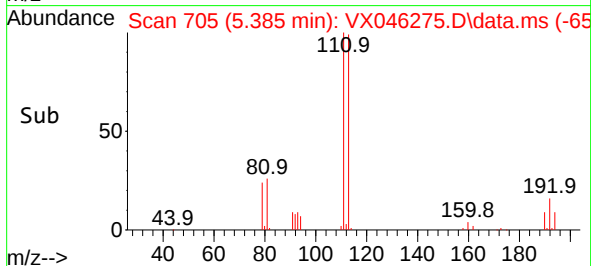
Instrument :
MSVOA_X
ClientSampleId :
SB-6



Tgt Ion:113 Resp: 43289
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 17.0 13.3 19.9

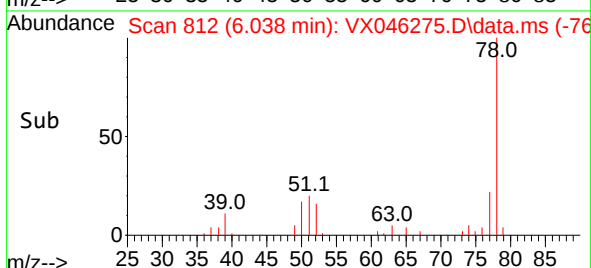
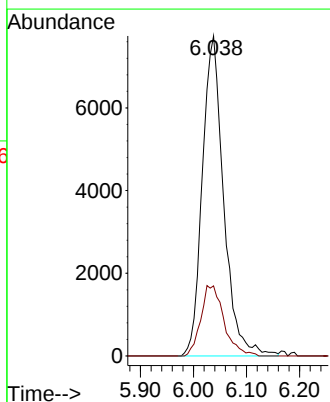
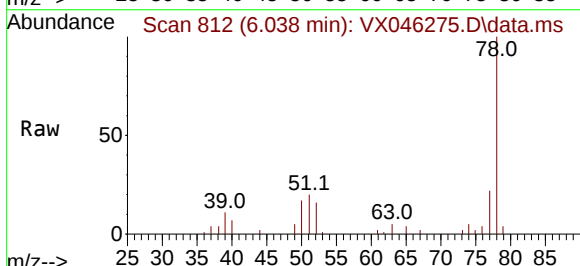
Manual Integrations
APPROVED

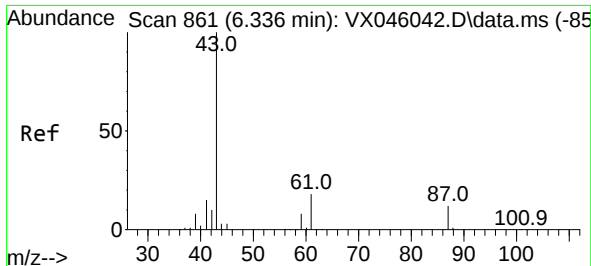
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 6.442 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

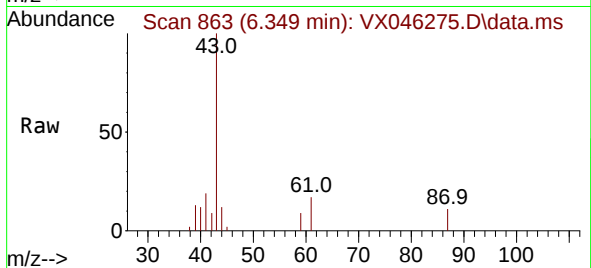
Tgt Ion: 78 Resp: 21648
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4





#43
Isopropyl Acetate
Concen: 7.041 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

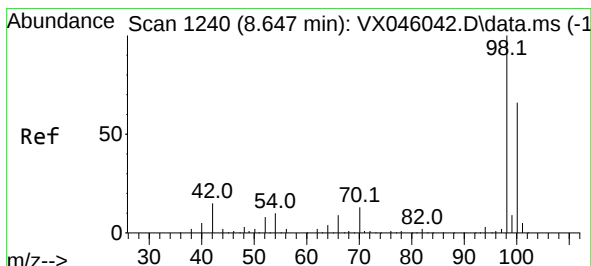
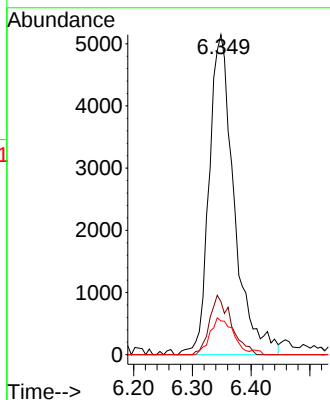
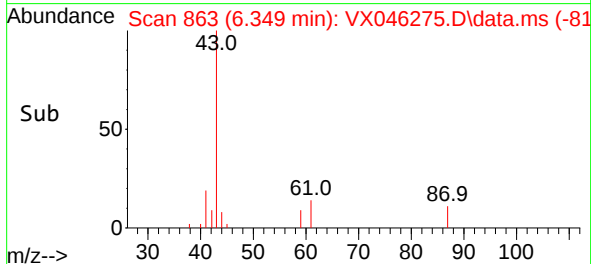
Instrument :
MSVOA_X
ClientSampleId :
SB-6



Tgt Ion: 43 Resp: 1522
Ion Ratio Lower Upper
43 100
61 16.3 14.3 21.5
87 10.6 9.5 14.3

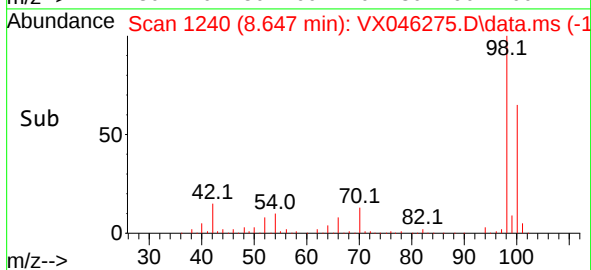
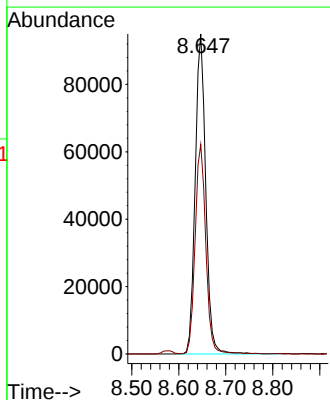
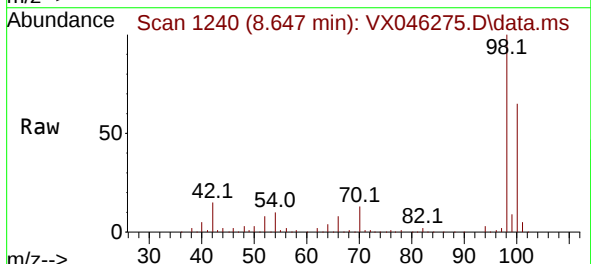
Manual Integrations
APPROVED

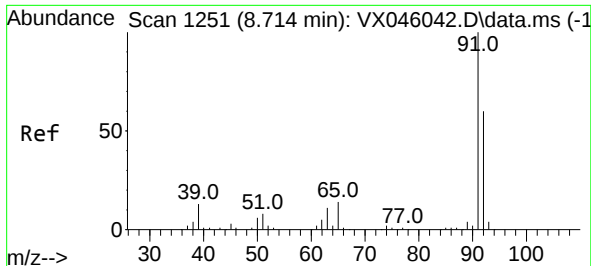
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 50.328 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

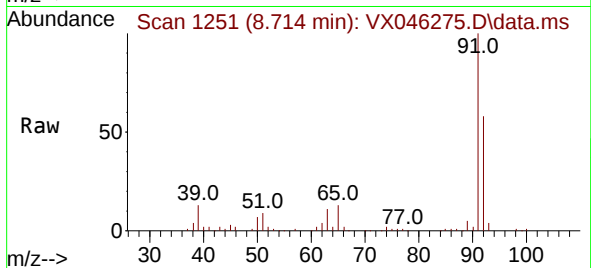
Tgt Ion: 98 Resp: 148727
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





#52
Toluene
Concen: 19.743 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

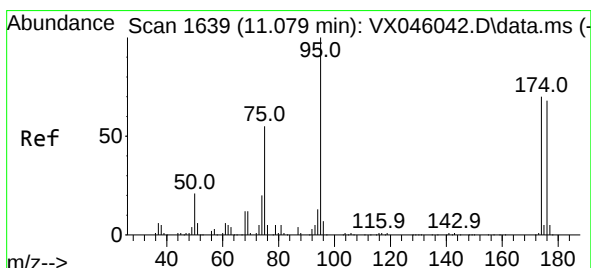
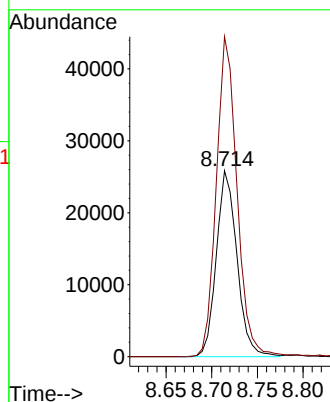
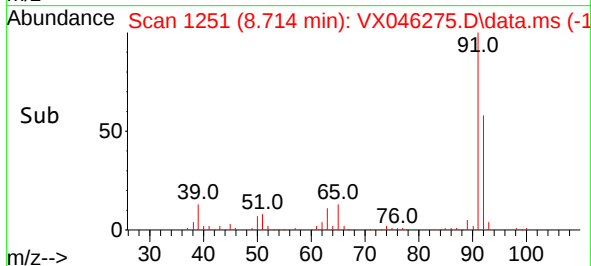
Instrument :
MSVOA_X
ClientSampleId :
SB-6



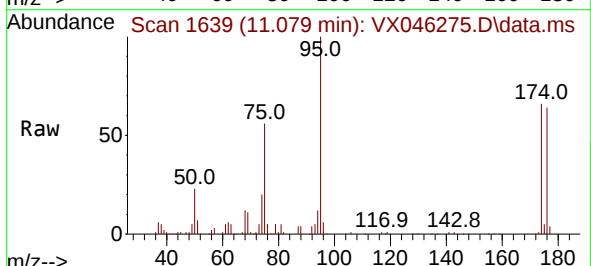
Tgt Ion: 92 Resp: 40679
Ion Ratio Lower Upper
92 100
91 173.0 136.6 205.0

Manual Integrations
APPROVED

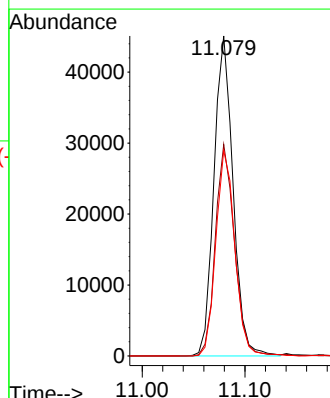
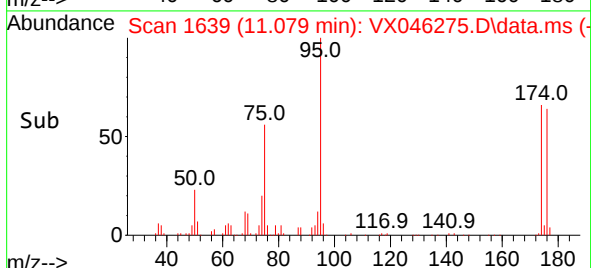
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

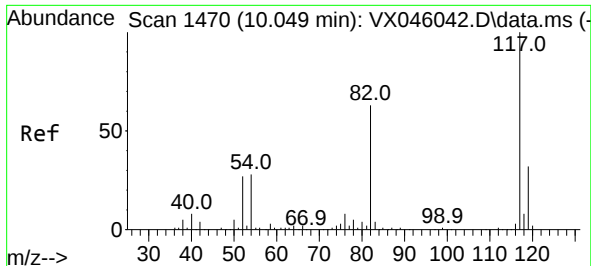


#62
4-Bromofluorobenzene
Concen: 51.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08



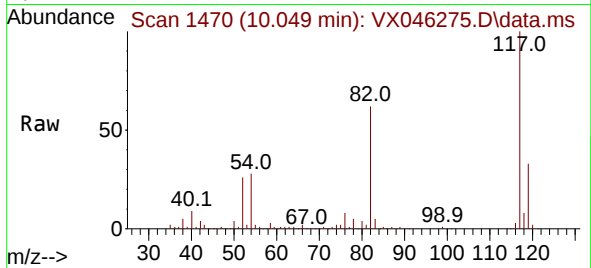
Tgt Ion: 95 Resp: 58207
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 64.0 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

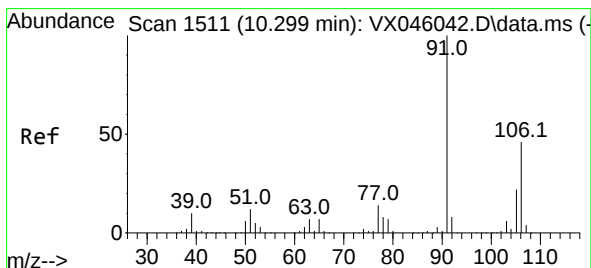
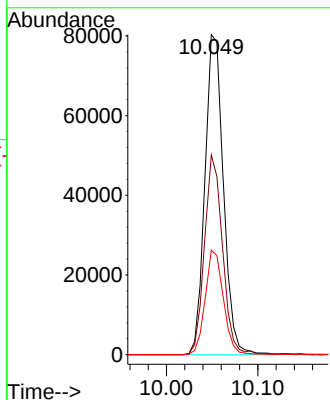
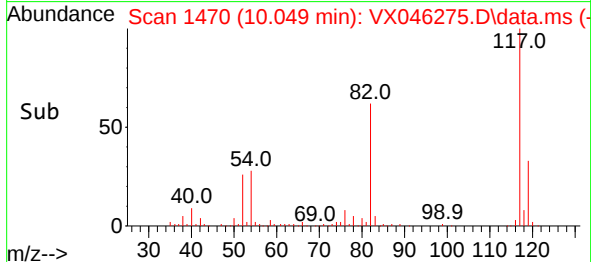
Instrument :
MSVOA_X
ClientSampleId :
SB-6



Tgt Ion:117 Resp: 11296
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 32.6 25.8 38.6

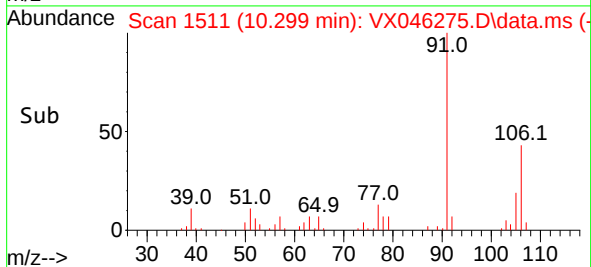
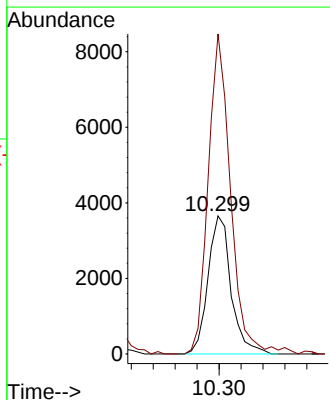
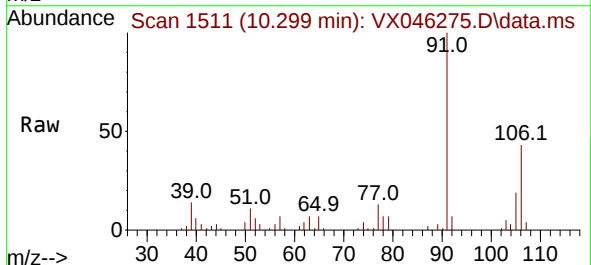
Manual Integrations
APPROVED

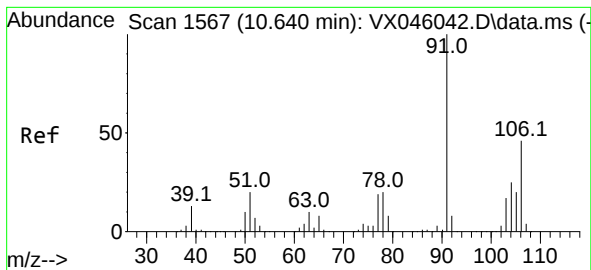
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#68
m/p-Xylenes
Concen: 3.354 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

Tgt Ion:106 Resp: 5347
Ion Ratio Lower Upper
106 100
91 224.6 171.2 256.8





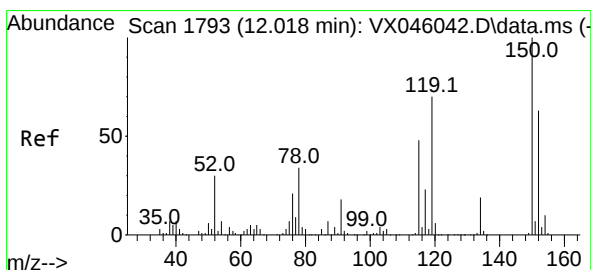
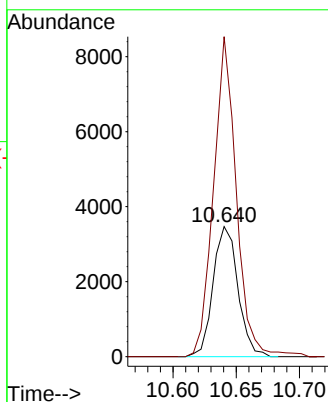
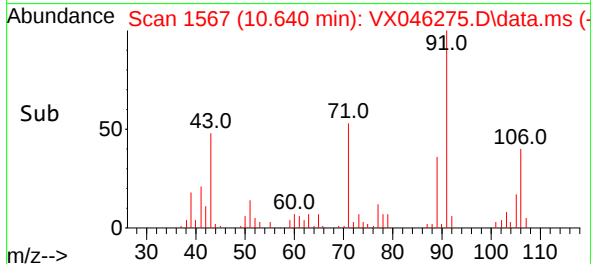
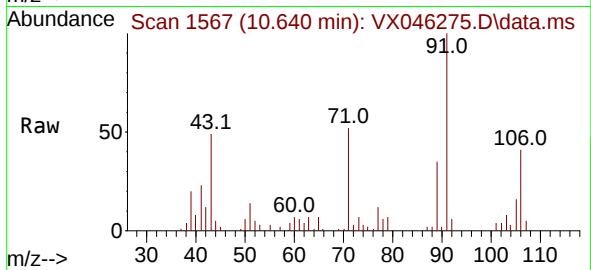
#69
o-Xylene
Concen: 3.045 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

Instrument :
MSVOA_X
ClientSampleId :
SB-6

Tgt Ion:106 Resp: 473
Ion Ratio Lower Upper
106 100
91 226.0 112.7 338.1

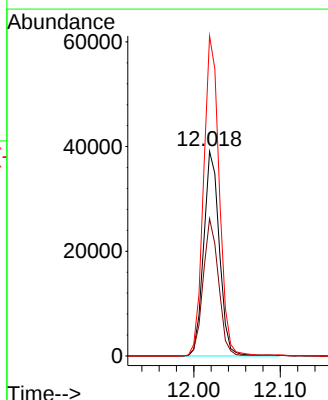
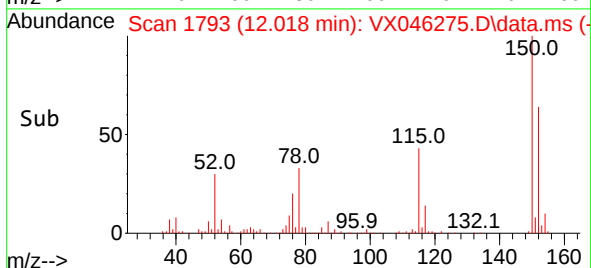
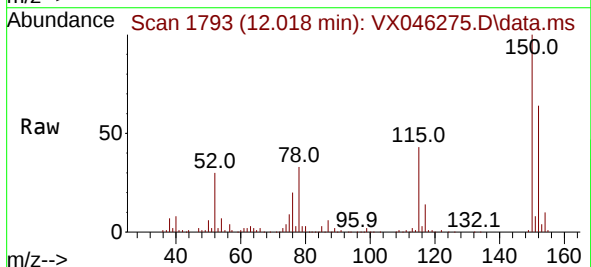
Manual Integrations
APPROVED

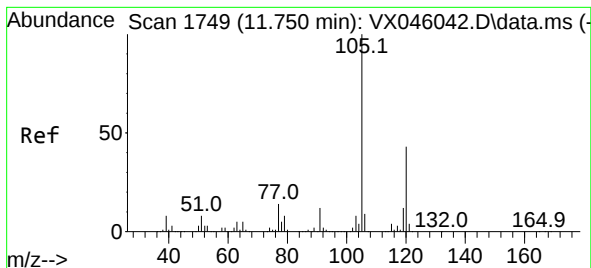
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046275.D
Acq: 19 May 2025 18:08

Tgt Ion:152 Resp: 49084
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 156.3 0.0 351.0





#84

1,2,4-Trimethylbenzene

Concen: 2.984 ug/l m

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046275.D

Acq: 19 May 2025 18:08

Instrument :

MSVOA_X

ClientSampleId :

SB-6

Tgt Ion:105 Resp: 964

Ion Ratio Lower Upper

105 100

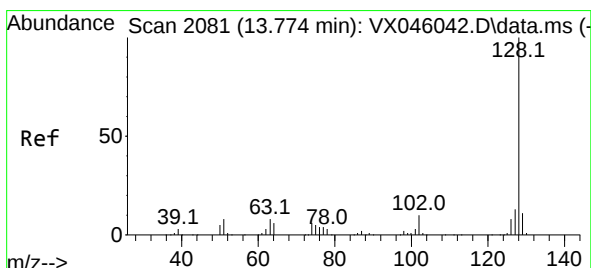
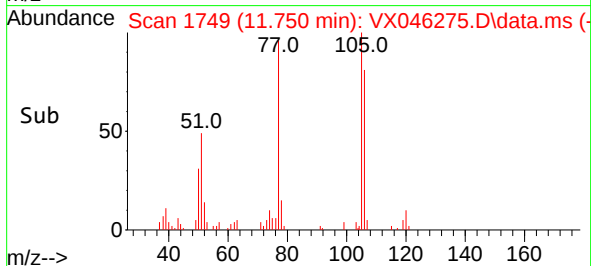
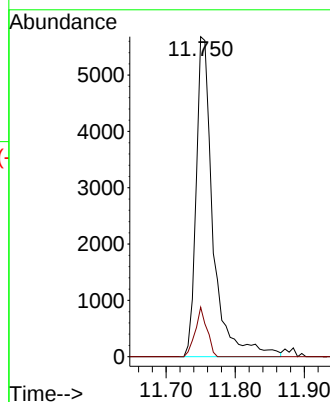
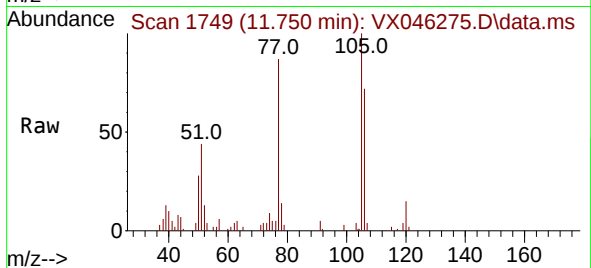
120 1.7 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#95

Naphthalene

Concen: 25.474 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046275.D

Acq: 19 May 2025 18:08

Tgt Ion:128 Resp: 87188

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.0 8.6 13.0

