

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046482.D
 Acq On : 03 Jun 2025 18:51
 Operator : JC/MD
 Sample : Q2168-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/04/2025
 Supervised By : Mahesh Dadoda 06/04/2025

Quant Time: Jun 04 01:32:58 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

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	59988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	118235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59094	52.839	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	5.385	113	42519	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.646	98	148772	50.485	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.079	95	57103	50.517	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.040%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.977	59	4149	26.429	ug/l	98
16) Acetone	2.385	43	49785	111.025	ug/l	100
18) Methyl Acetate	2.708	43	19209	18.460	ug/l	97
20) Methylene Chloride	2.782	84	3474	4.043	ug/l	90
25) 2-Butanone	4.580	43	8406	12.912	ug/l #	89
31) Cyclohexane	5.470	56	2098	1.574	ug/l	95
37) Ethyl Acetate	4.726	43	9400m	6.651	ug/l	
40) Benzene	6.031	78	1398443	417.349	ug/l	99
43) Isopropyl Acetate	6.348	43	6464	2.998	ug/l #	85
52) Toluene	8.713	92	700994	341.176	ug/l	99
67) Ethyl Benzene	10.189	91	82431	19.721	ug/l	98
68) m/p-Xylenes	10.299	106	151480	99.086	ug/l	98
69) o-Xylene	10.640	106	91828	61.613	ug/l	97
78) n-propylbenzene	11.304	91	7251	1.672	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	18399	5.905	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	71844	22.768	ug/l	87
95) Naphthalene	13.774	128	443553	132.777	ug/l	100

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

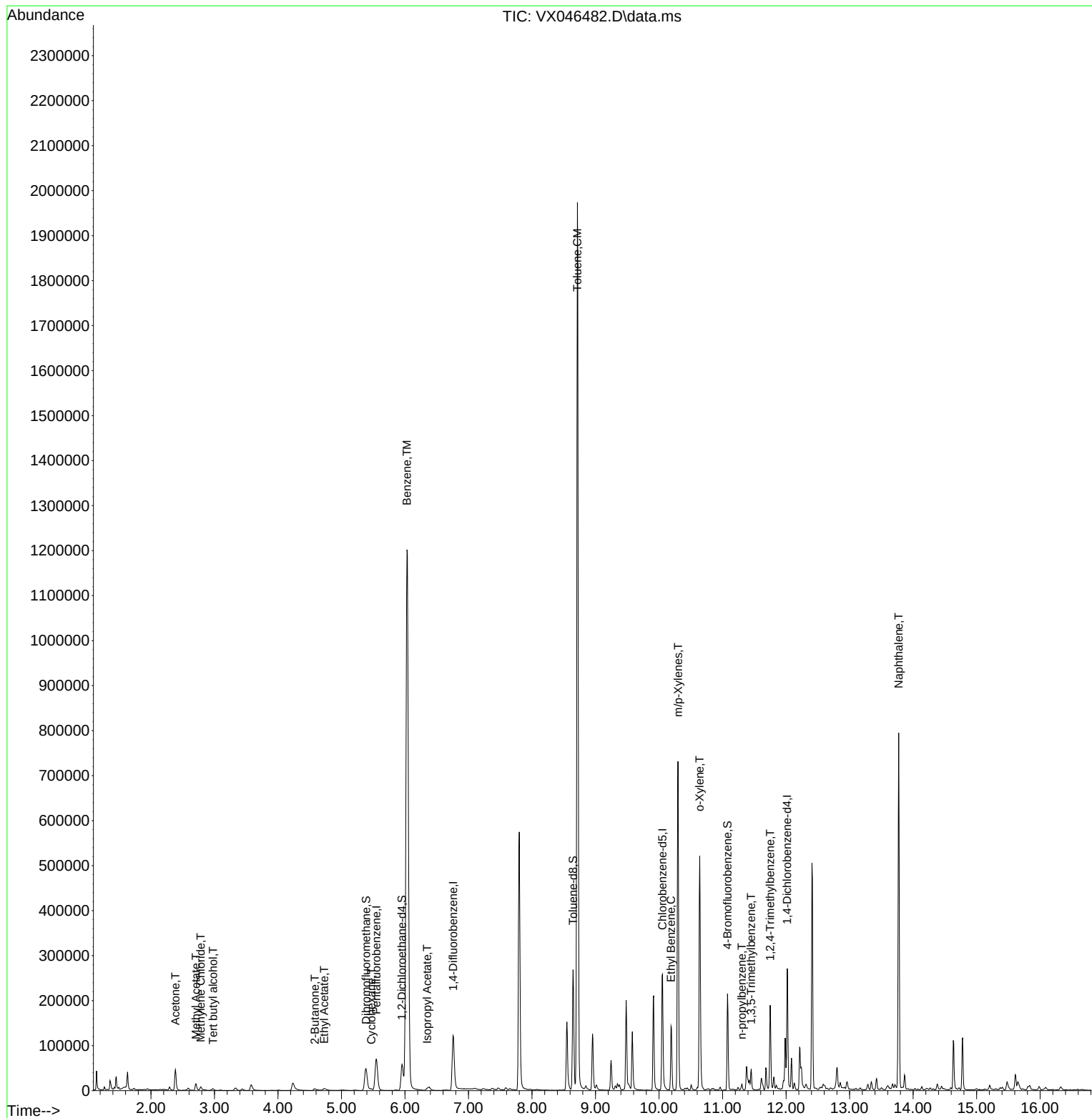
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
Data File : VX046482.D
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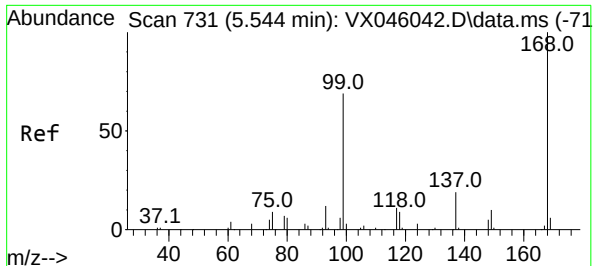
Instrument :
MSVOA_X
ClientSampleId :
B3

Quant Time: Jun 04 01:32:58 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
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QLast Update : Tue May 06 07:12:22 2025
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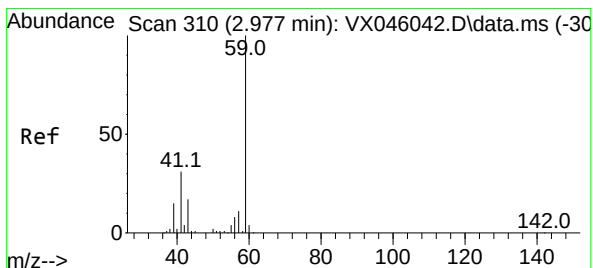
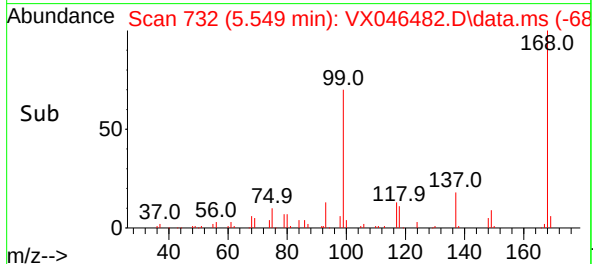
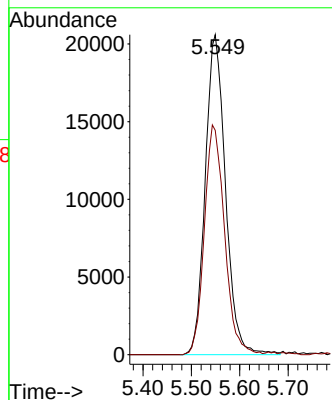
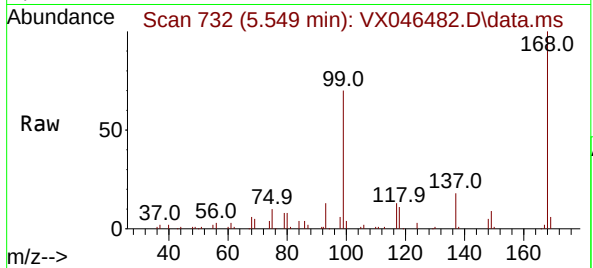
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
B3

Tgt Ion:168 Resp: 5998
Ion Ratio Lower Upper
168 100
99 70.1 54.9 82.3

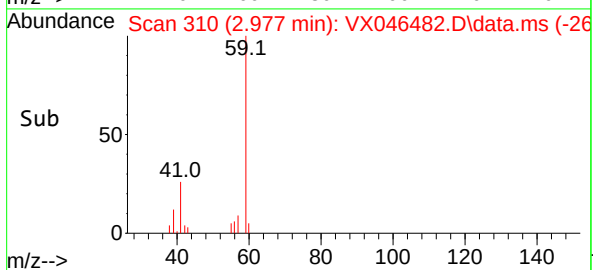
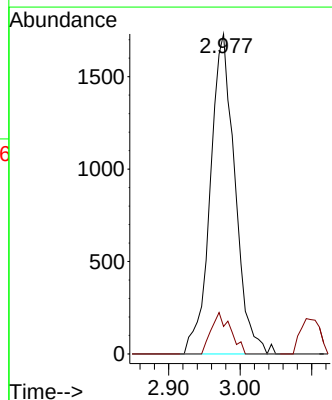
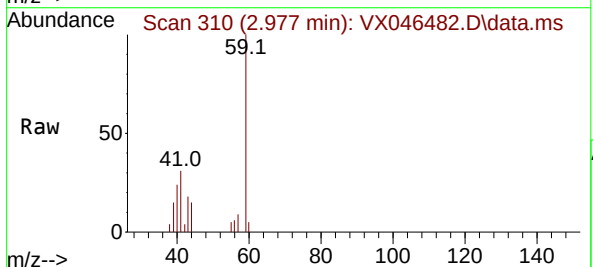
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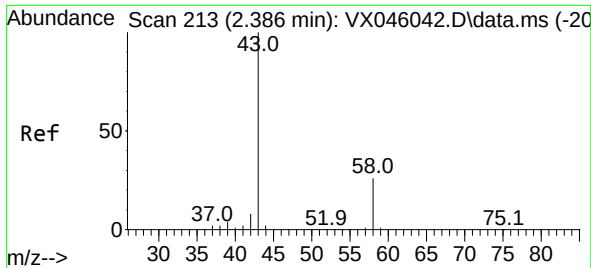
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#11
Tert butyl alcohol
Concen: 26.429 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

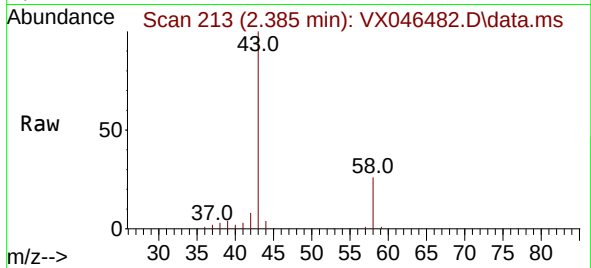
Tgt Ion: 59 Resp: 4149
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8





#16
Acetone
Concen: 111.025 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

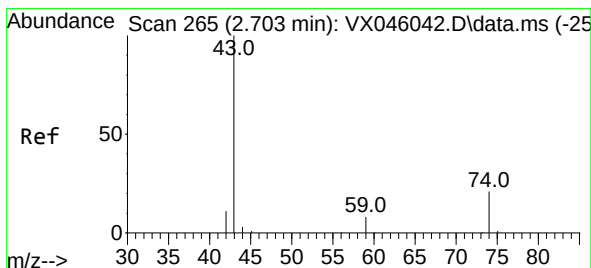
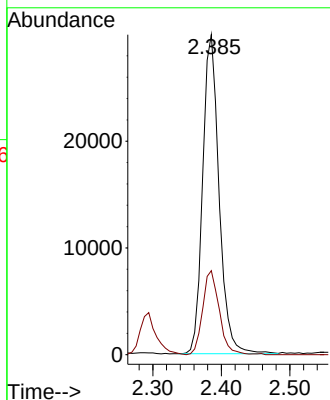
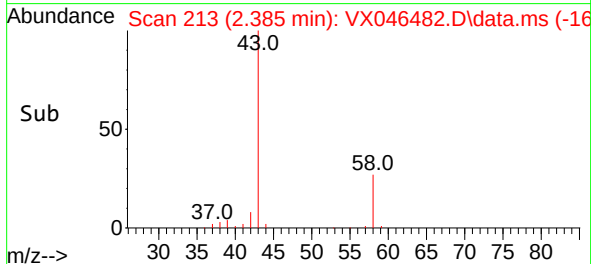
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 43 Resp: 4978
Ion Ratio Lower Upper
43 100
58 26.4 21.2 31.8

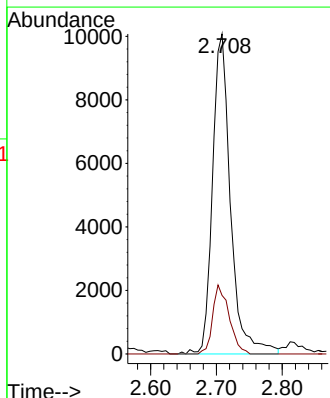
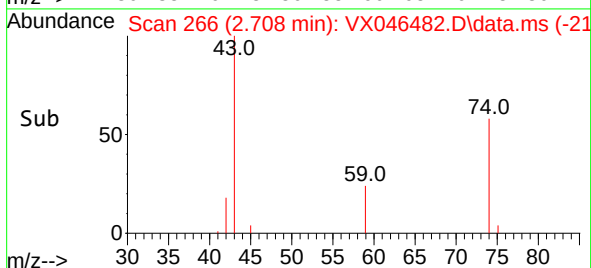
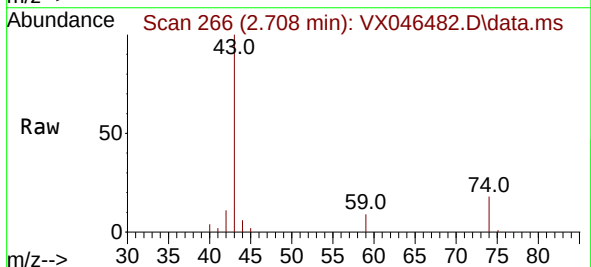
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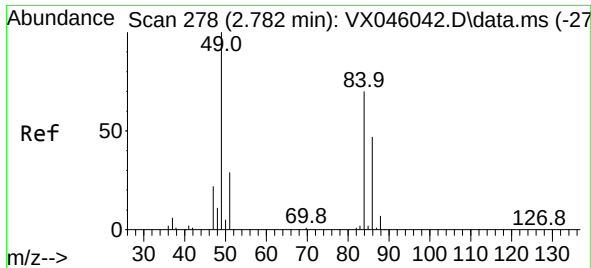
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#18
Methyl Acetate
Concen: 18.460 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

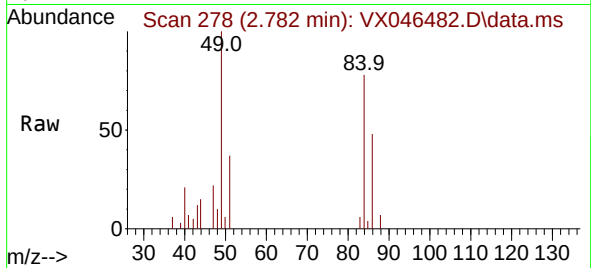
Tgt Ion: 43 Resp: 19209
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1





#20
Methylene Chloride
Concen: 4.043 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

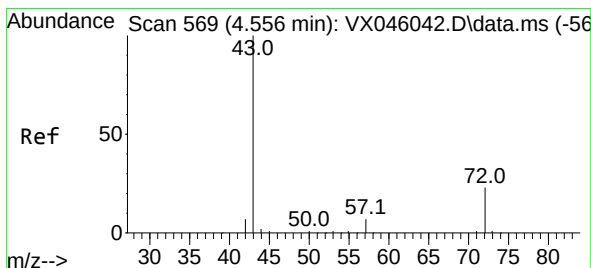
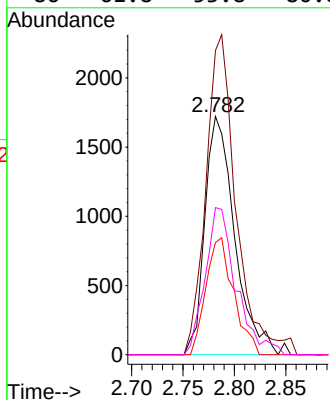
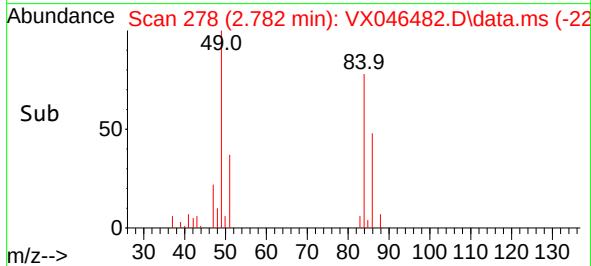
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 84 Resp: 3474
Ion Ratio Lower Upper
84 100
49 127.7 113.9 170.9
51 47.1 33.5 50.3
86 61.8 53.8 80.8

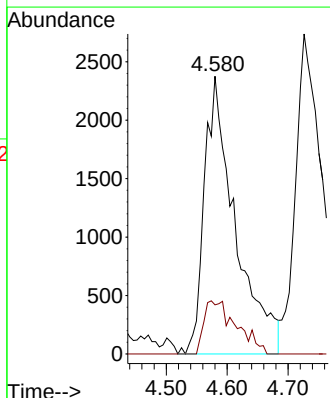
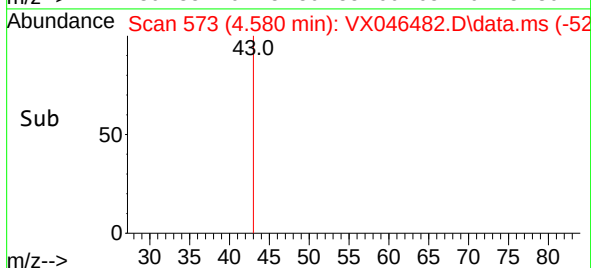
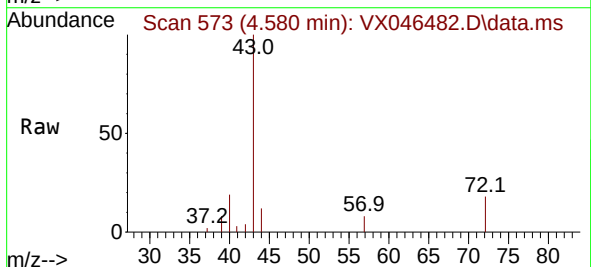
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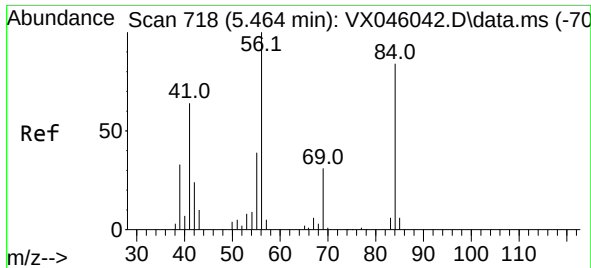
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#25
2-Butanone
Concen: 12.912 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

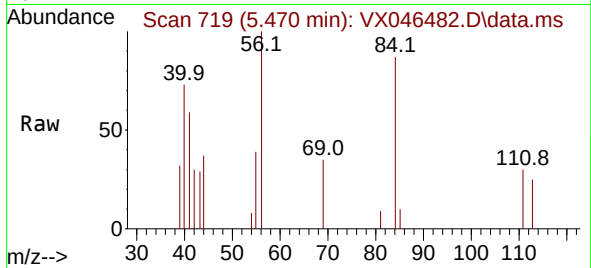
Tgt Ion: 43 Resp: 8406
Ion Ratio Lower Upper
43 100
72 17.7 18.4 27.6#





#31
Cyclohexane
Concen: 1.574 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

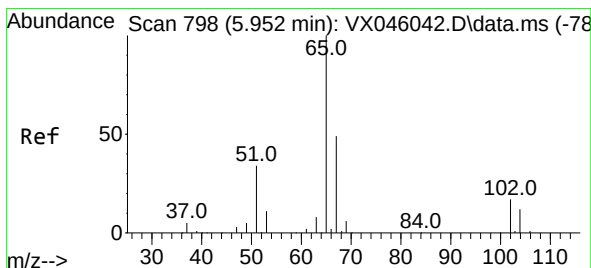
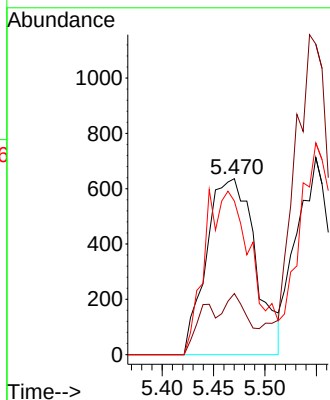
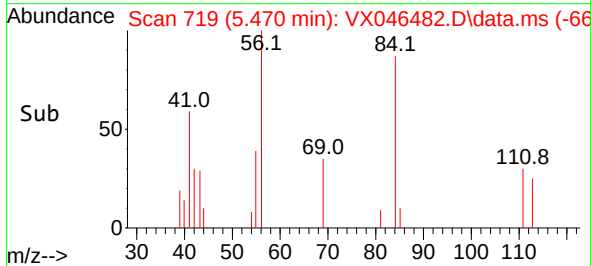
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 56 Resp: 2098
Ion Ratio Lower Upper
56 100
69 34.7 24.4 36.6
84 87.3 66.9 100.3

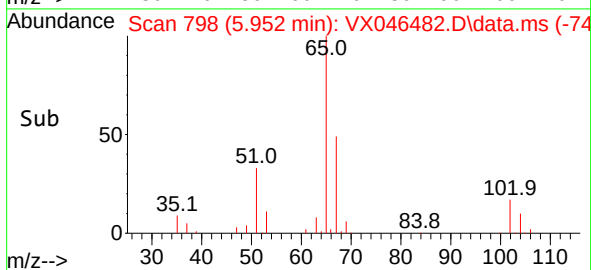
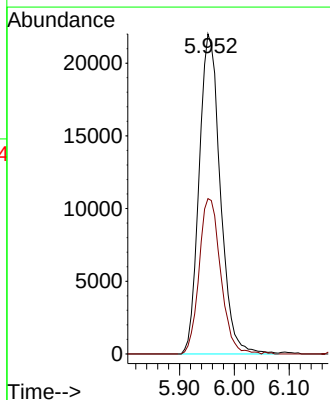
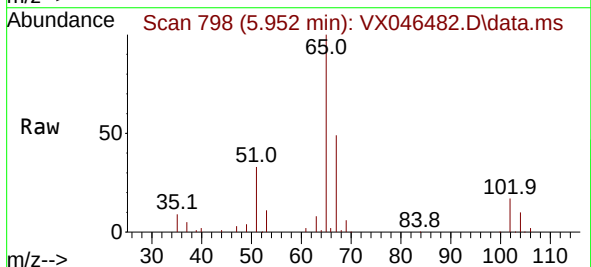
Manual Integrations
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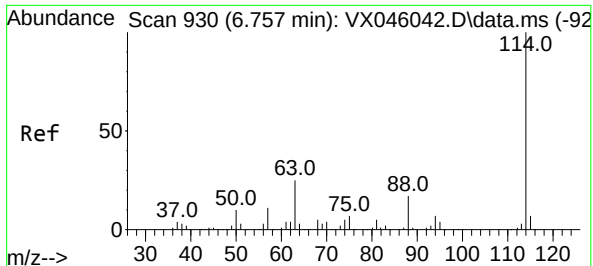
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#33
1,2-Dichloroethane-d4
Concen: 52.839 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

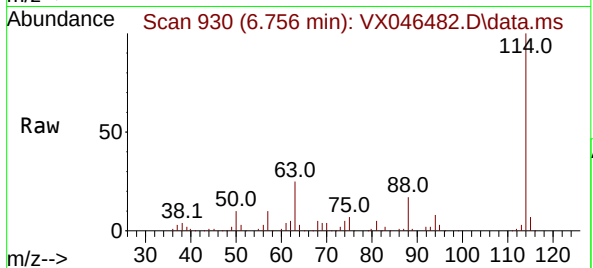
Tgt Ion: 65 Resp: 59094
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

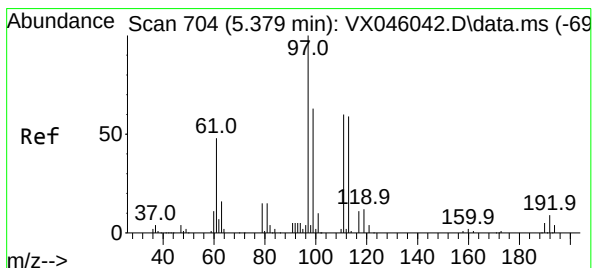
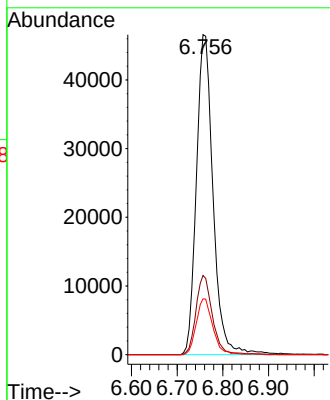
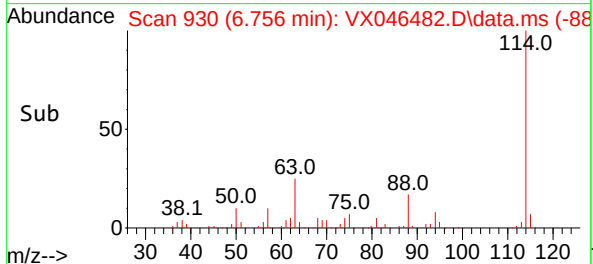
Instrument :
MSVOA_X
ClientSampleId :
B3



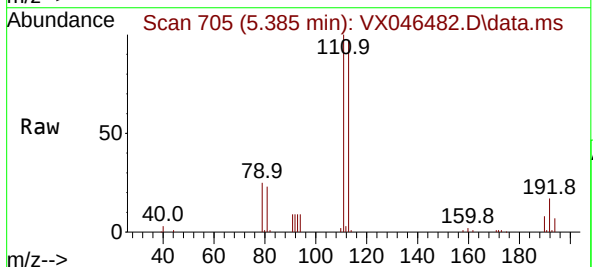
Tgt Ion:114 Resp: 118235
Ion Ratio Lower Upper
114 100
63 24.7 0.0 49.2
88 17.5 0.0 33.6

Manual Integrations
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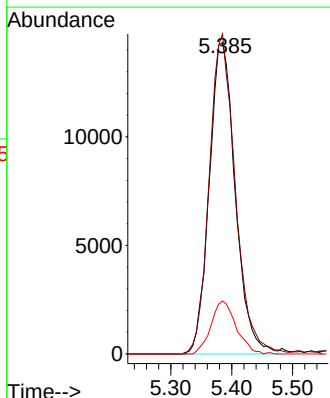
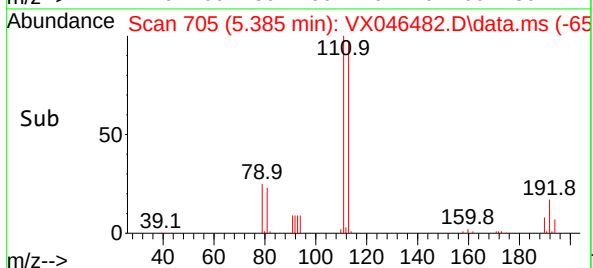
Reviewed By :John Carlone 06/04/2025
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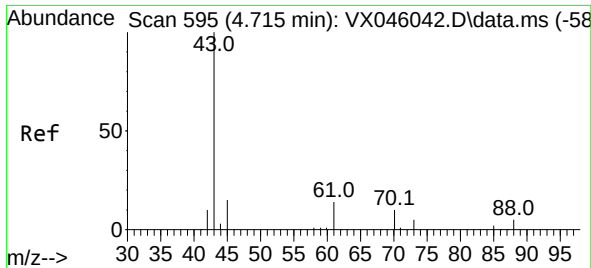


#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51



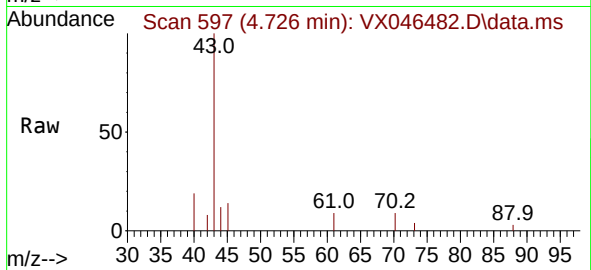
Tgt Ion:113 Resp: 42519
Ion Ratio Lower Upper
113 100
111 102.7 83.1 124.7
192 16.5 13.3 19.9





#37
Ethyl Acetate
Concen: 6.651 ug/l m
RT: 4.726 min Scan# 597
Delta R.T. 0.012 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

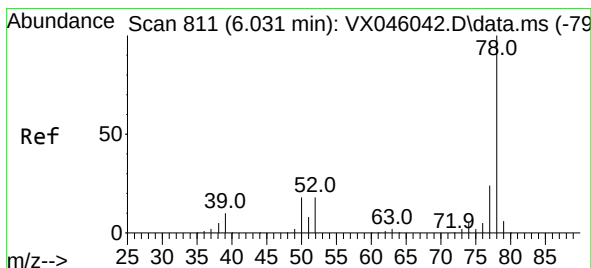
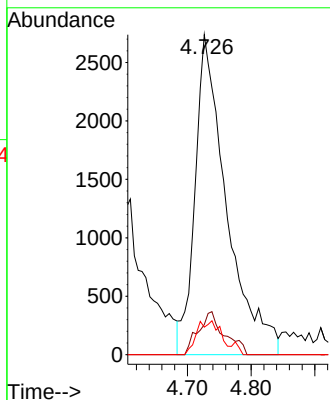
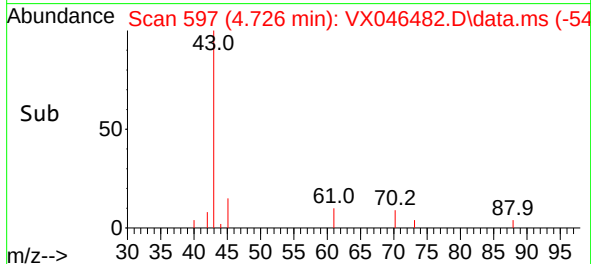
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 43 Resp: 9400
Ion Ratio Lower Upper
43 100
61 11.1 10.3 15.5
70 8.9 7.9 11.9

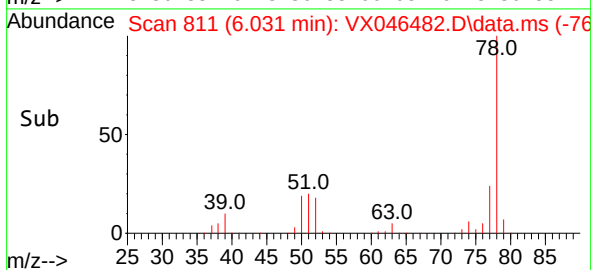
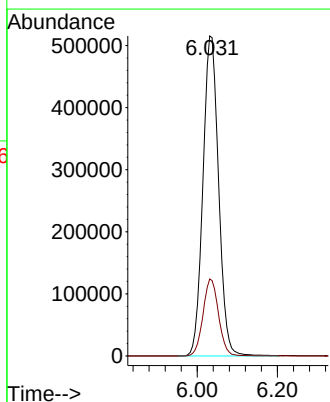
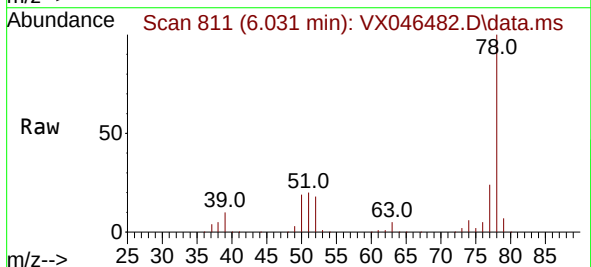
Manual Integrations
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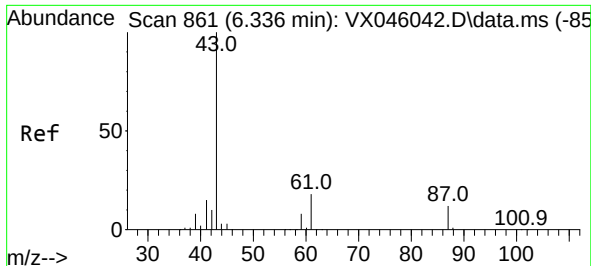
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#40
Benzene
Concen: 417.349 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

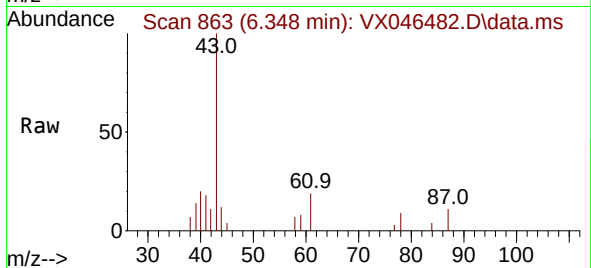
Tgt Ion: 78 Resp: 1398443
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#43
Isopropyl Acetate
Concen: 2.998 ug/l
RT: 6.348 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

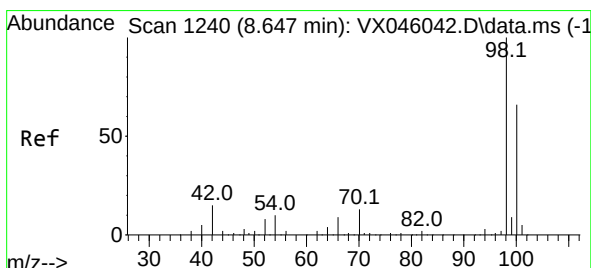
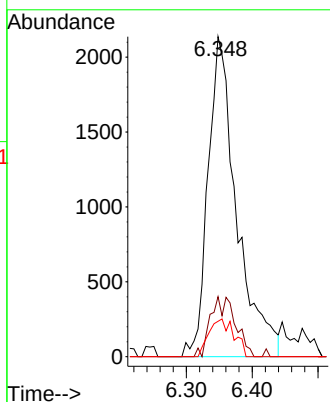
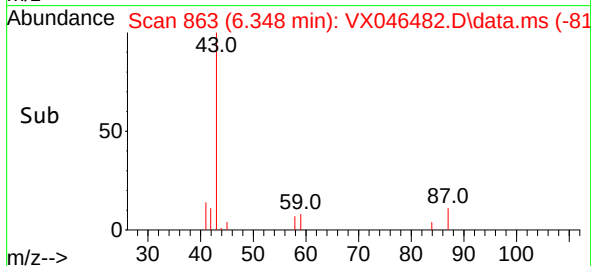
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 43 Resp: 6464
Ion Ratio Lower Upper
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61 8.3 14.3 21.5
87 10.4 9.5 14.3

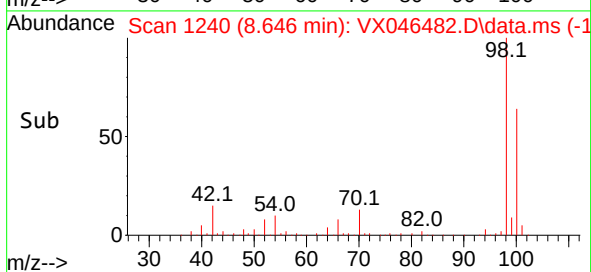
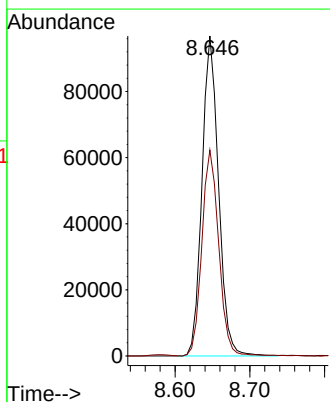
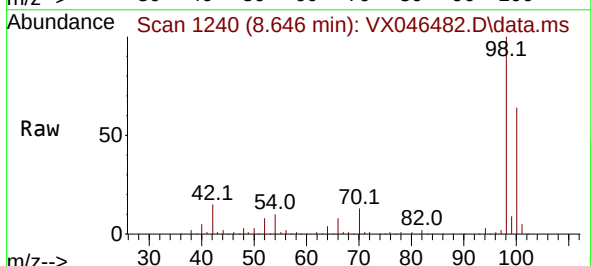
Manual Integrations
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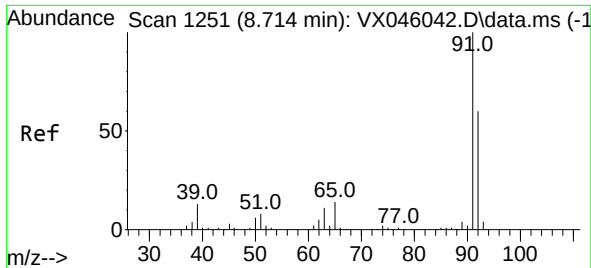
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#50
Toluene-d8
Concen: 50.485 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

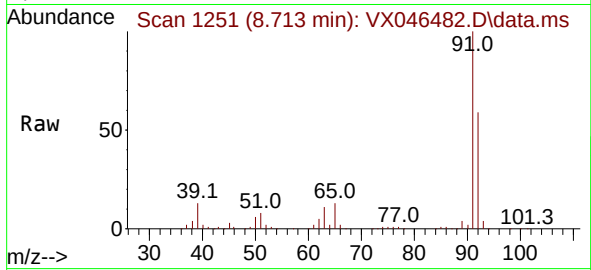
Tgt Ion: 98 Resp: 148772
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3





#52
Toluene
Concen: 341.176 ug/l
RT: 8.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

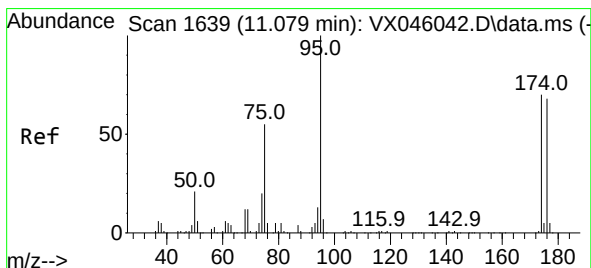
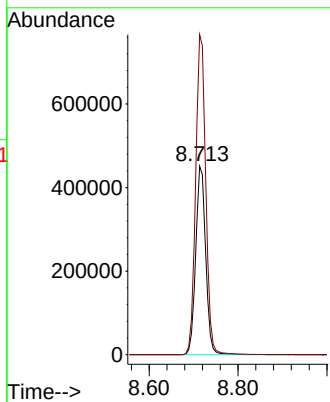
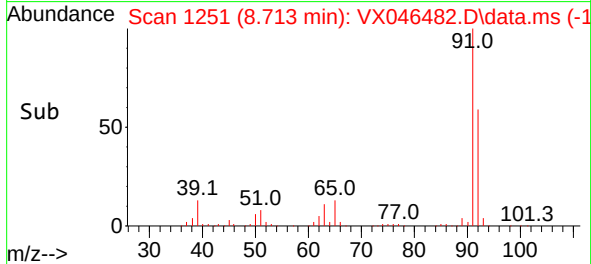
Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion: 92 Resp: 700994
Ion Ratio Lower Upper
92 100
91 172.0 136.6 205.0

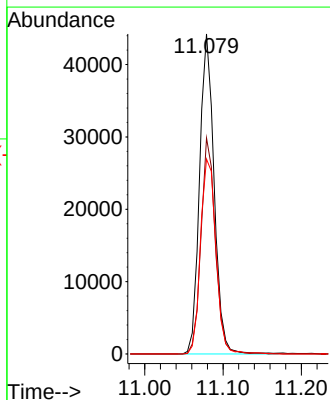
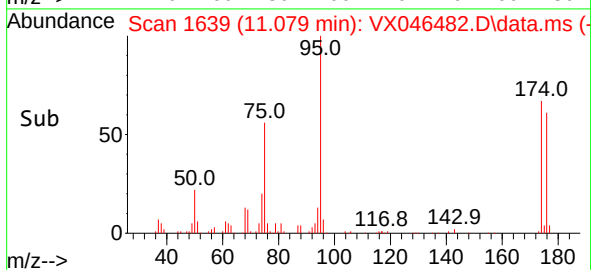
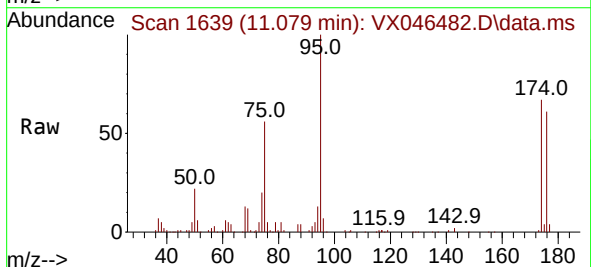
Manual Integrations
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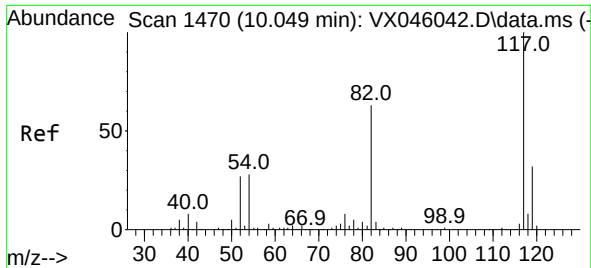
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#62
4-Bromofluorobenzene
Concen: 50.517 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

Tgt Ion: 95 Resp: 57103
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 64.6 0.0 131.4





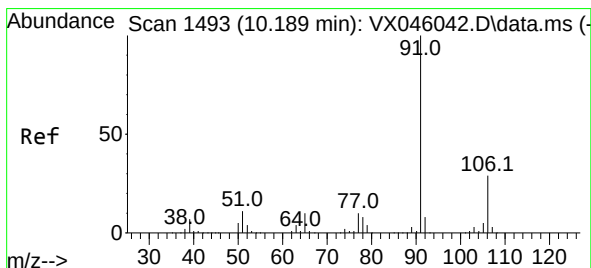
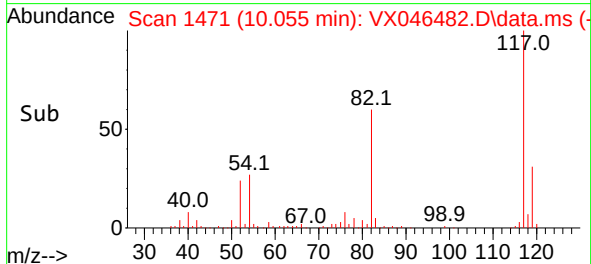
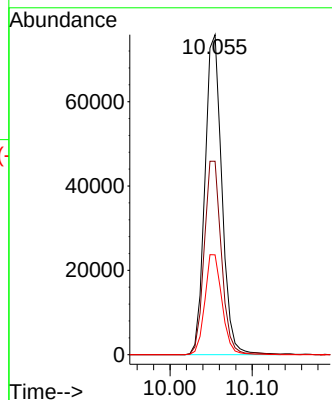
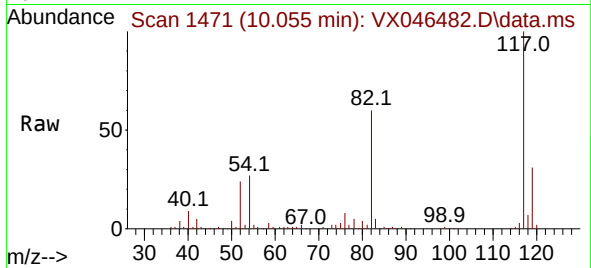
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
B3

Tgt Ion:117 Resp: 108339
Ion Ratio Lower Upper
117 100
82 60.5 50.6 76.0
119 31.2 25.8 38.6

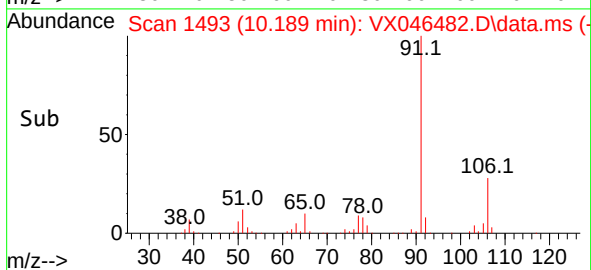
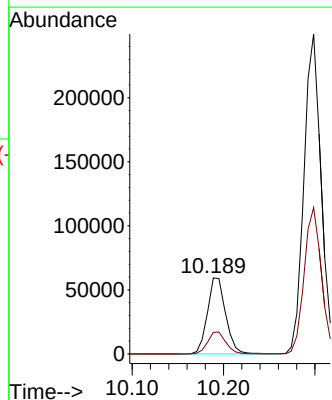
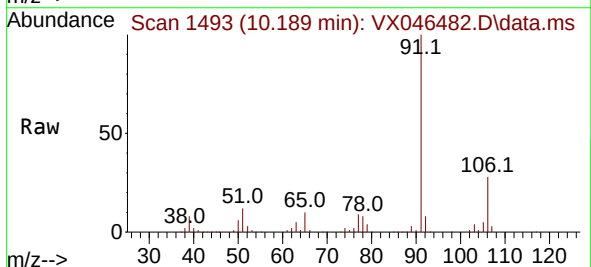
Manual Integrations
APPROVED

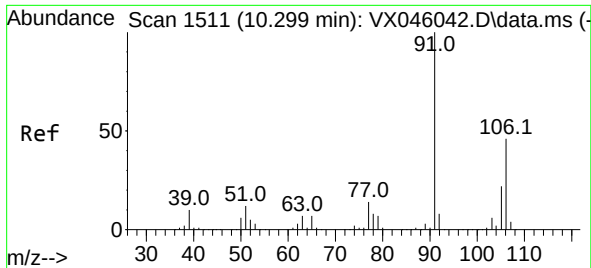
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025



#67
Ethyl Benzene
Concen: 19.721 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

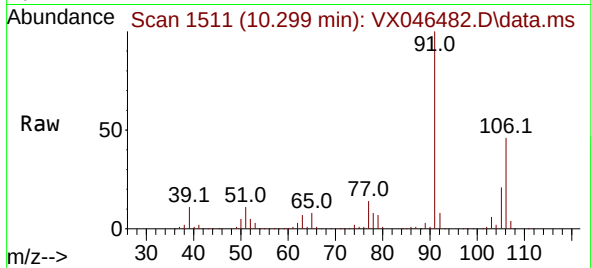
Tgt Ion: 91 Resp: 82431
Ion Ratio Lower Upper
91 100
106 28.5 23.4 35.2





#68
m/p-Xylenes
Concen: 99.086 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

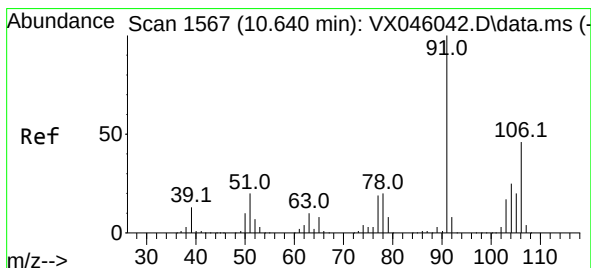
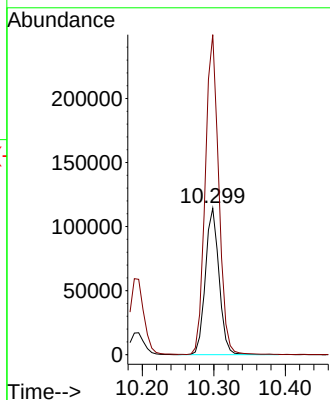
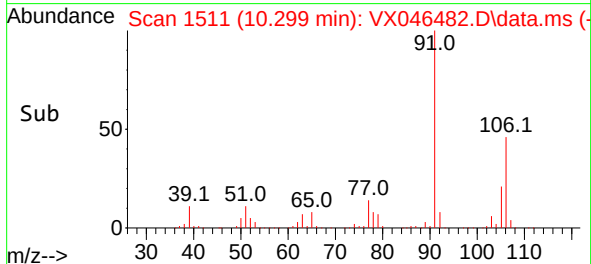
Instrument :
MSVOA_X
ClientSampleId :
B3



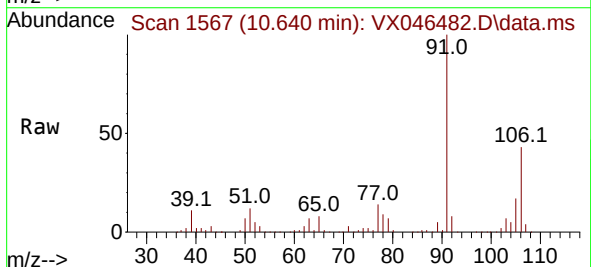
Tgt Ion:106 Resp: 151480
Ion Ratio Lower Upper
106 100
91 216.5 171.2 256.8

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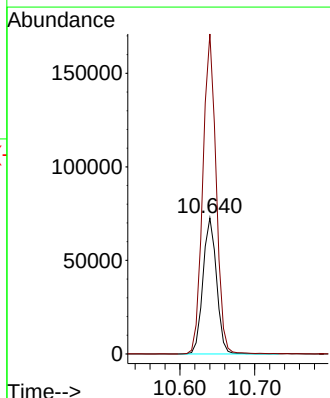
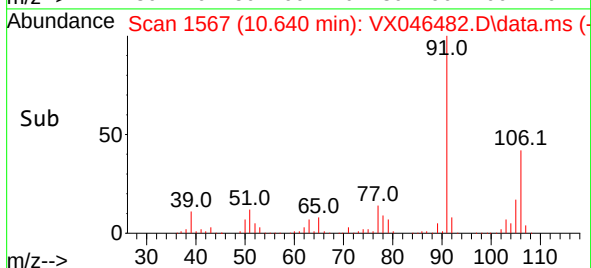
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

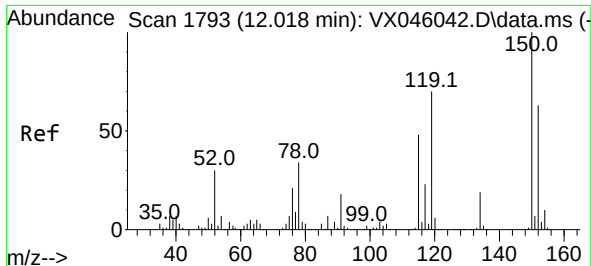


#69
o-Xylene
Concen: 61.613 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51



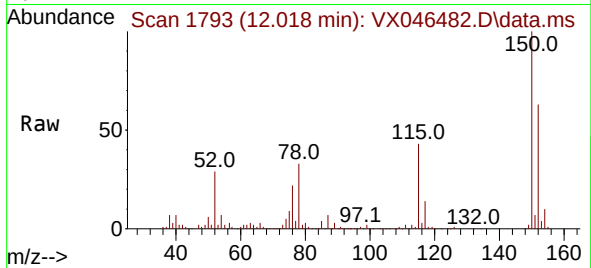
Tgt Ion:106 Resp: 91828
Ion Ratio Lower Upper
106 100
91 230.8 112.7 338.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

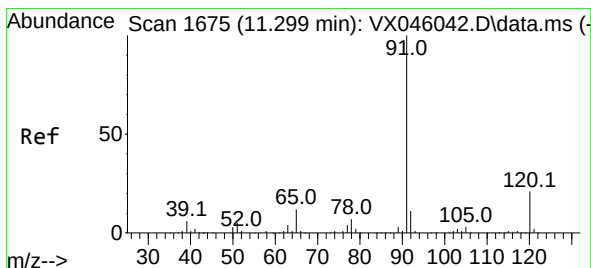
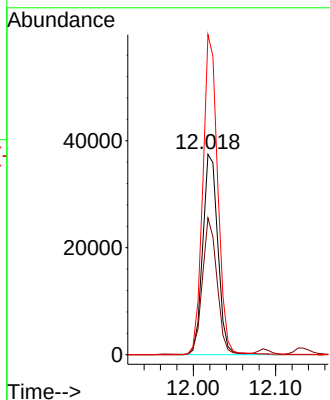
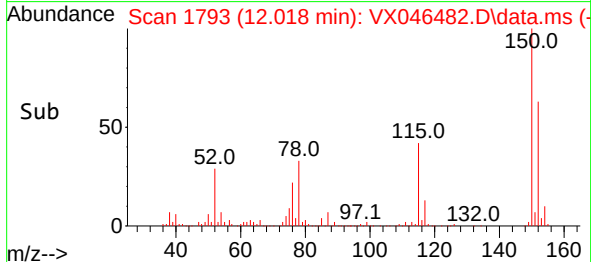
Instrument :
MSVOA_X
ClientSampleId :
B3



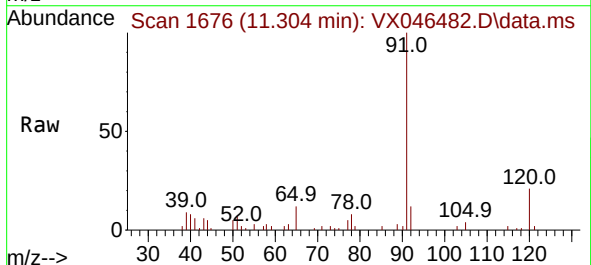
Tgt Ion:152 Resp: 4790
Ion Ratio Lower Upper
152 100
115 65.7 46.9 140.7
150 157.8 0.0 351.0

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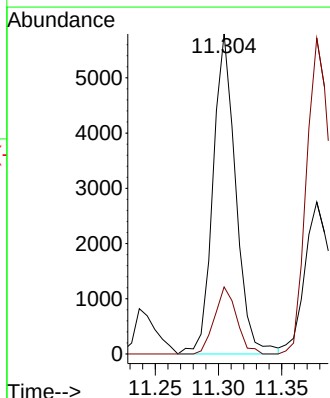
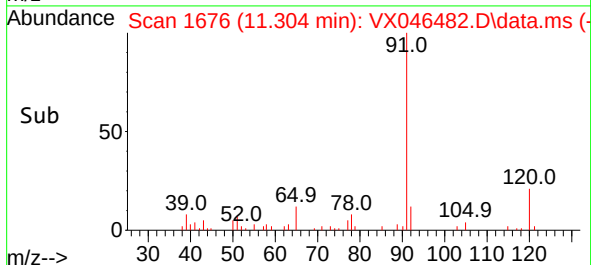
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

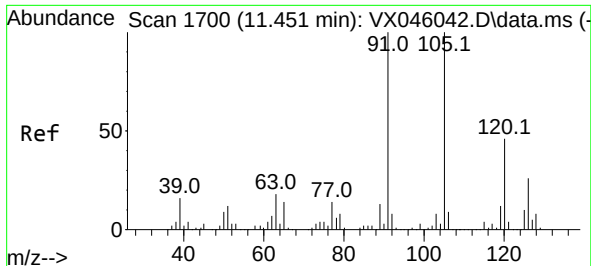


#78
n-propylbenzene
Concen: 1.672 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51



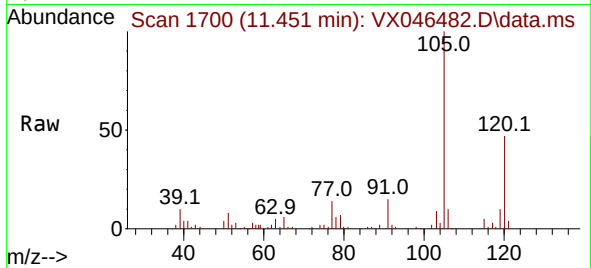
Tgt Ion: 91 Resp: 7251
Ion Ratio Lower Upper
91 100
120 20.3 10.8 32.4





#80
1,3,5-Trimethylbenzene
Concen: 5.905 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

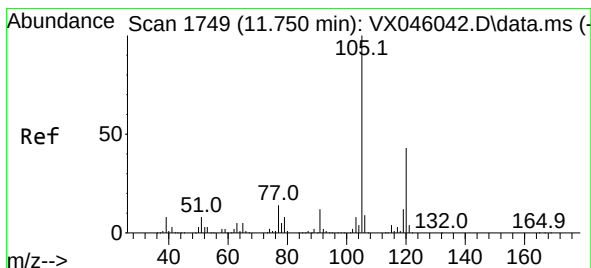
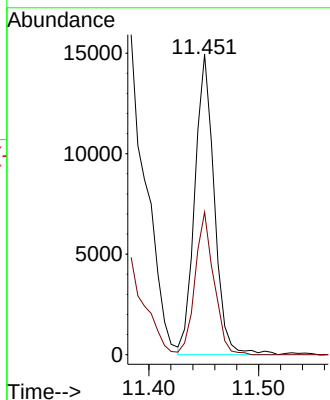
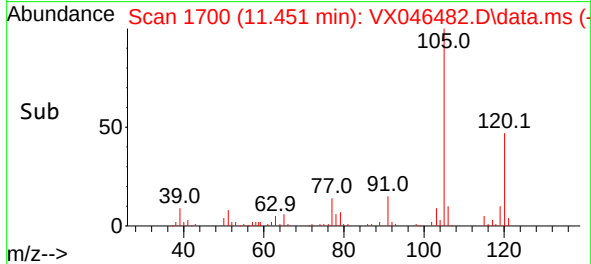
Instrument :
MSVOA_X
ClientSampleId :
B3



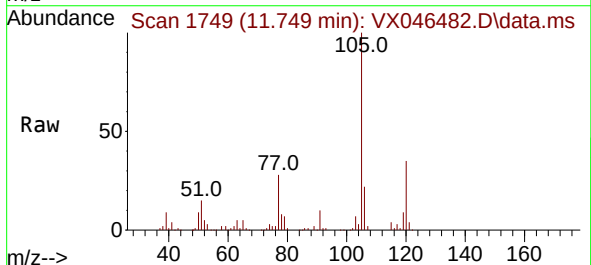
Tgt Ion:105 Resp: 1839
Ion Ratio Lower Upper
105 100
120 45.8 23.1 69.2

Manual Integrations
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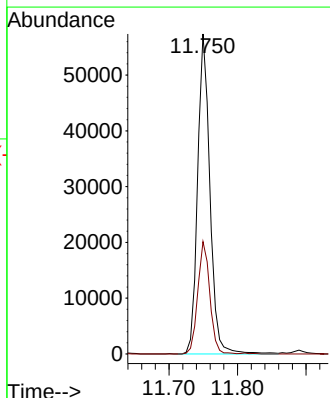
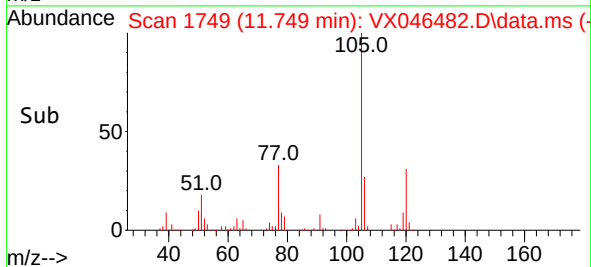
Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

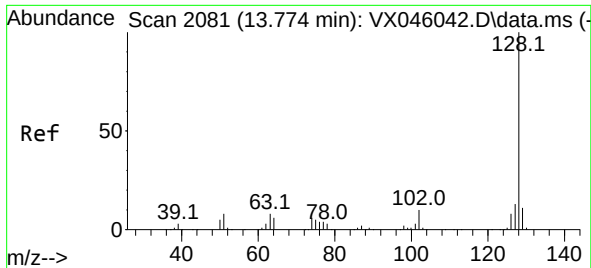


#84
1,2,4-Trimethylbenzene
Concen: 22.768 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51



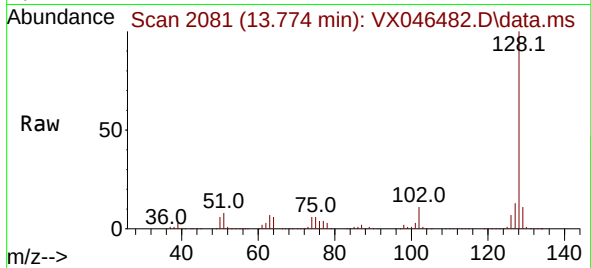
Tgt Ion:105 Resp: 71844
Ion Ratio Lower Upper
105 100
120 34.3 21.2 63.6





#95
Naphthalene
Concen: 132.777 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046482.D
Acq: 03 Jun 2025 18:51

Instrument :
MSVOA_X
ClientSampleId :
B3



Tgt Ion:128 Resp: 44355
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/04/2025
Supervised By :Mahesh Dadoda 06/04/2025

