

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046271.D
 Acq On : 19 May 2025 16:34
 Operator : JC/MD
 Sample : Q2053-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Quant Time: May 19 23:13:47 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	59370	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	119369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58629	52.969	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.940%			
35) Dibromofluoromethane	5.385	113	44433	51.691	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.380%			
50) Toluene-d8	8.647	98	153831	51.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.420%			
62) 4-Bromofluorobenzene	11.079	95	55756	48.857	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.720%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	2858	18.395	ug/l #	87
16) Acetone	2.380	43	39938	89.992	ug/l	99
18) Methyl Acetate	2.703	43	3588	3.484	ug/l	96
20) Methylene Chloride	2.788	84	11399	13.403	ug/l	94
25) 2-Butanone	4.568	43	10747	16.680	ug/l	99
40) Benzene	6.044	78	13353	3.947	ug/l	96
43) Isopropyl Acetate	6.348	43	15188	6.977	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	34252m	23.704	ug/l	
52) Toluene	8.720	92	9168	4.420	ug/l	95
68) m/p-Xylenes	10.299	106	4884	3.117	ug/l	98
69) o-Xylene	10.640	106	6703	4.388	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	17641	5.953	ug/l #	40
95) Naphthalene	13.774	128	58483	18.641	ug/l	99

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

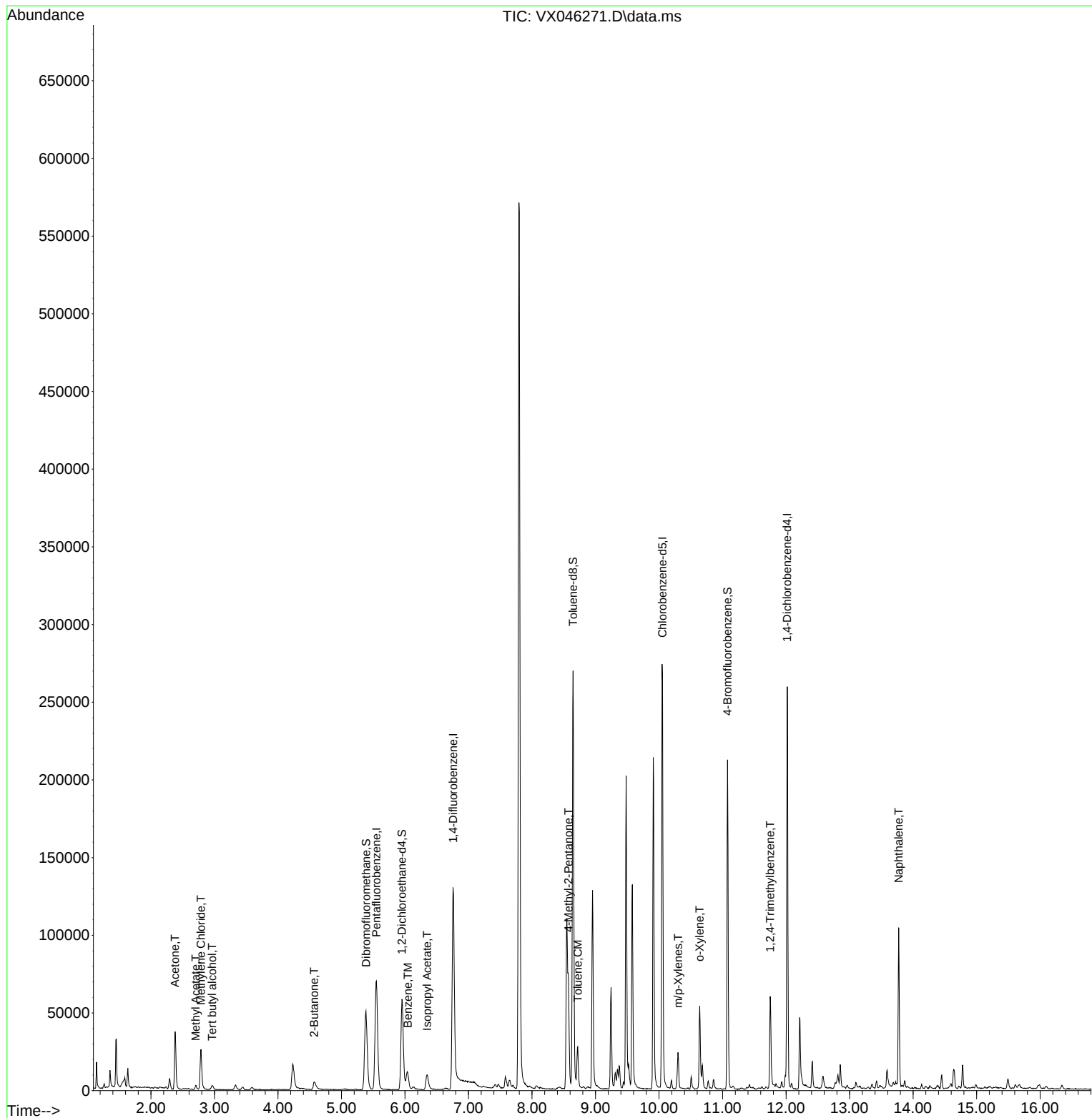
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046271.D
Acq On : 19 May 2025 16:34
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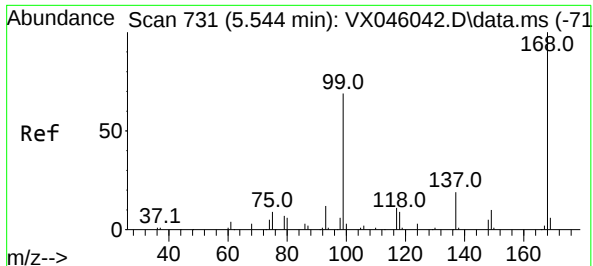
Instrument :
MSVOA_X
ClientSampleId :
SB-2

Quant Time: May 19 23:13:47 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

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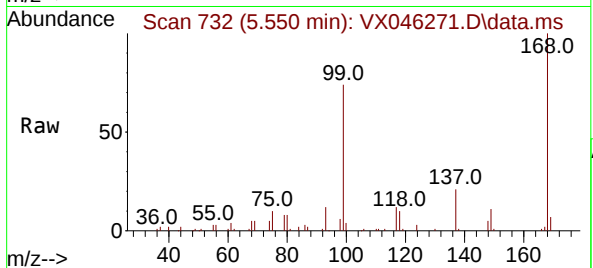
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

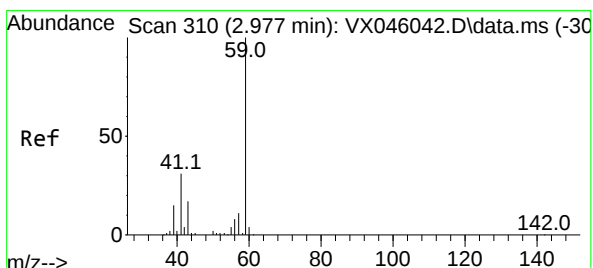
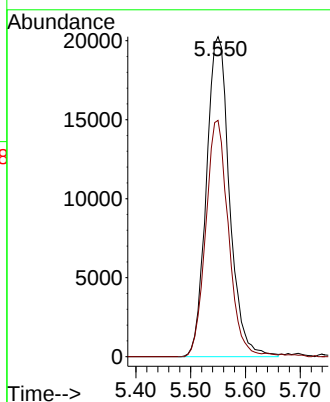
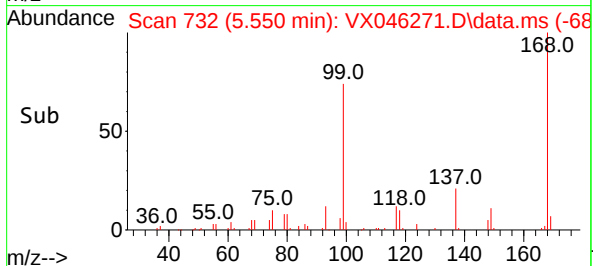
Instrument :
MSVOA_X
ClientSampleId :
SB-2



Tgt Ion:168 Resp: 59370
Ion Ratio Lower Upper
168 100
99 73.9 54.9 82.3

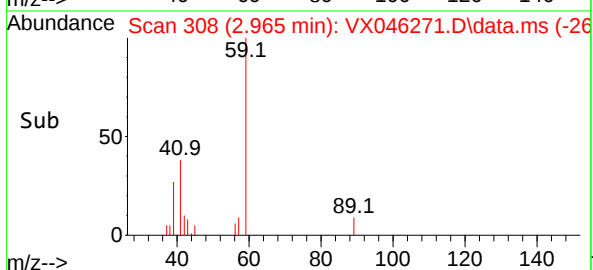
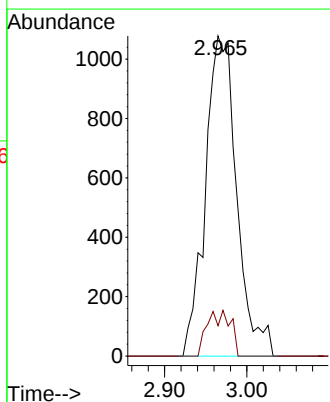
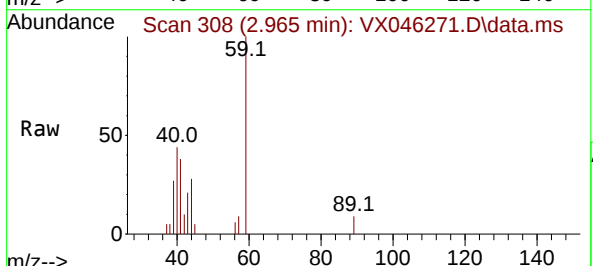
Manual Integrations
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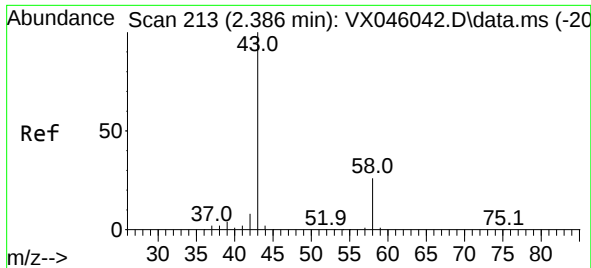
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#11
Tert butyl alcohol
Concen: 18.395 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

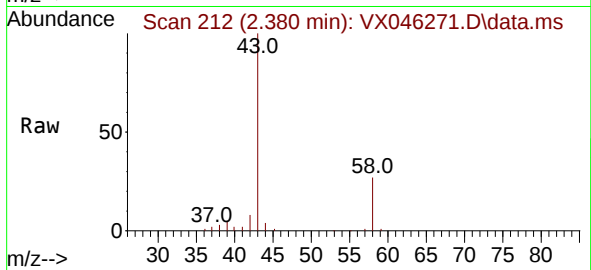
Tgt Ion: 59 Resp: 2858
Ion Ratio Lower Upper
59 100
57 5.7 8.6 12.8#





#16
Acetone
Concen: 89.992 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

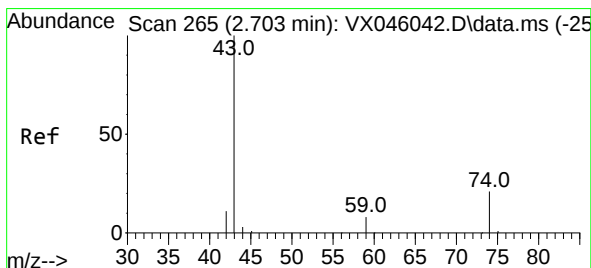
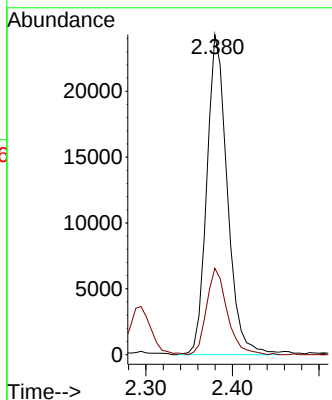
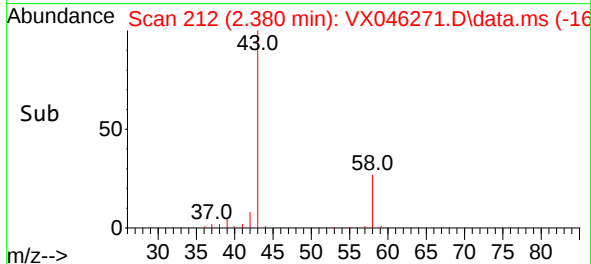
Instrument : MSVOA_X
ClientSampleId : SB-2



Tgt Ion: 43 Resp: 39938
Ion Ratio Lower Upper
43 100
58 27.0 21.2 31.8

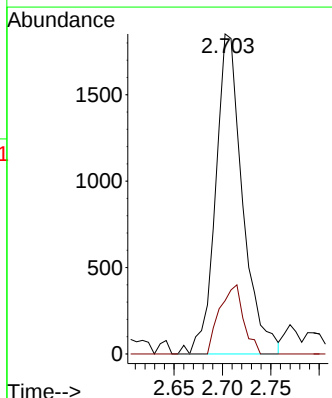
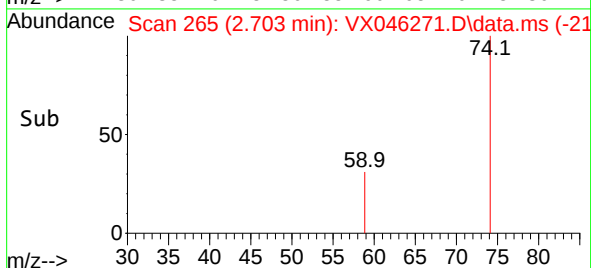
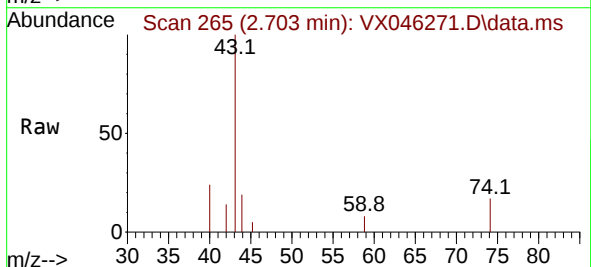
Manual Integrations
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Reviewed By :John Carlone 05/21/2025
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#18
Methyl Acetate
Concen: 3.484 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

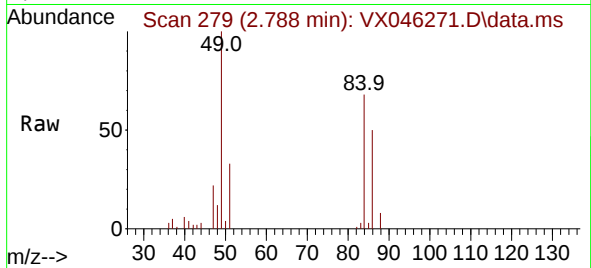
Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
74 19.0 16.7 25.1





#20
Methylene Chloride
Concen: 13.403 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

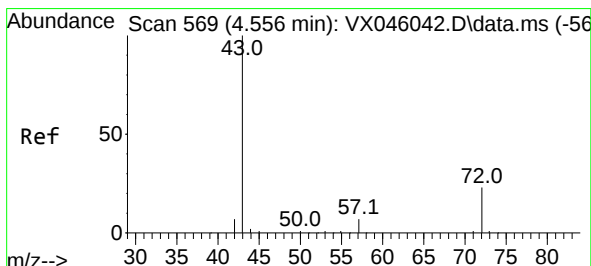
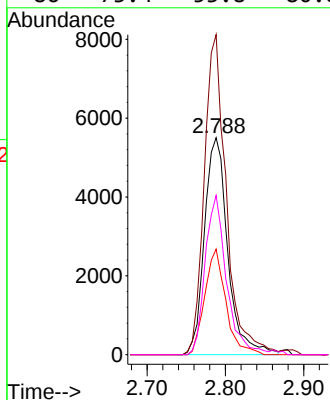
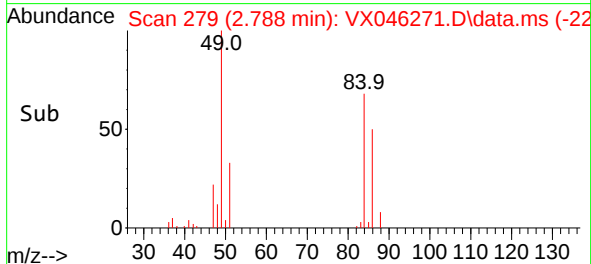
Instrument :
MSVOA_X
ClientSampleId :
SB-2



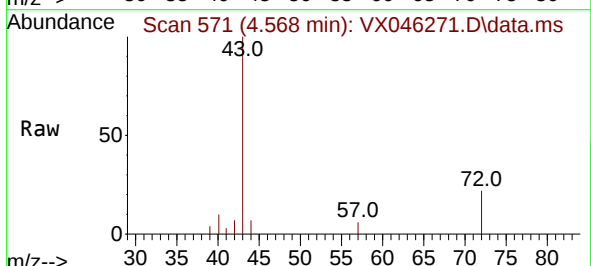
Tgt Ion: 84 Resp: 1139
Ion Ratio Lower Upper
84 100
49 147.5 113.9 170.9
51 48.7 33.5 50.3
86 73.4 53.8 80.8

Manual Integrations
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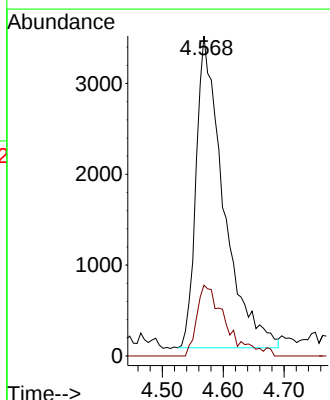
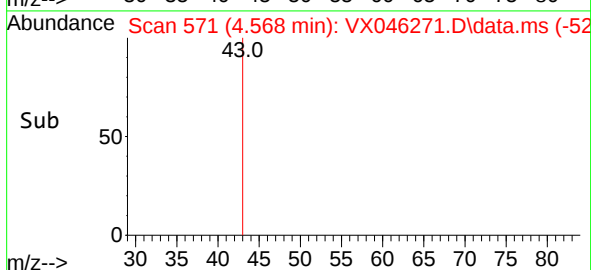
Reviewed By :John Carlone 05/21/2025
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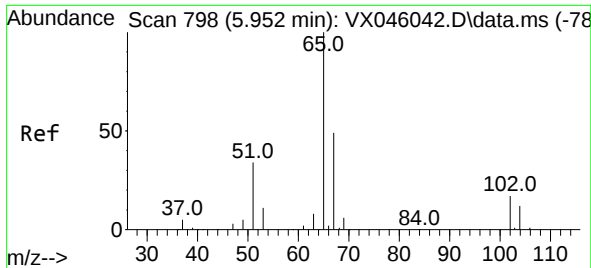


#25
2-Butanone
Concen: 16.680 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34



Tgt Ion: 43 Resp: 10747
Ion Ratio Lower Upper
43 100
72 22.6 18.4 27.6





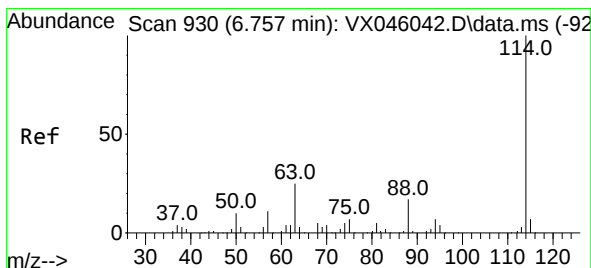
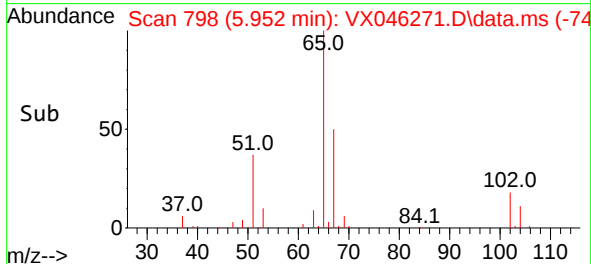
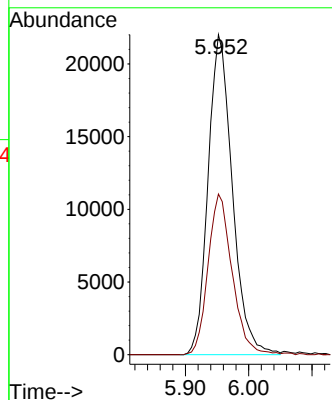
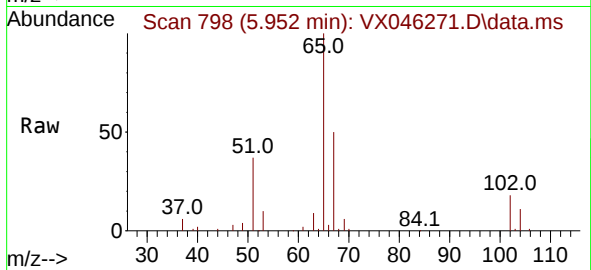
#33
 1,2-Dichloroethane-d4
 Concen: 52.969 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046271.D
 Acq: 19 May 2025 16:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Tgt Ion: 65 Resp: 58629
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0

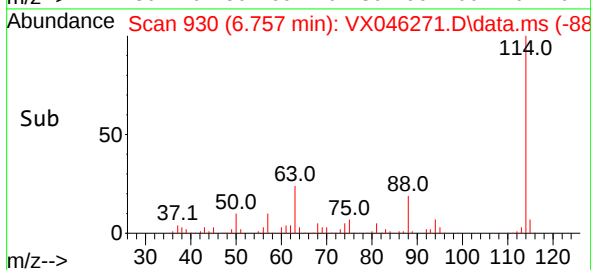
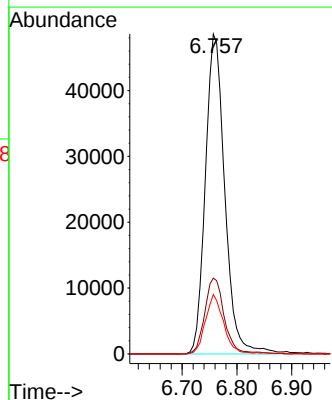
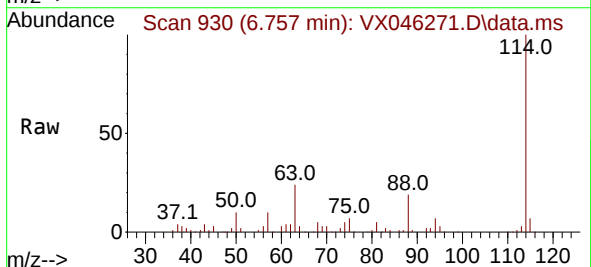
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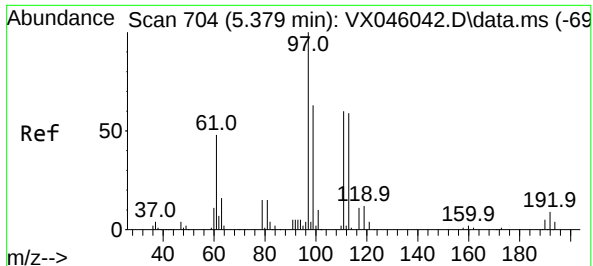
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046271.D
 Acq: 19 May 2025 16:34

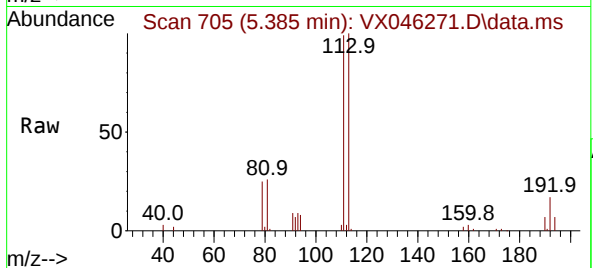
Tgt Ion:114 Resp: 119369
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 49.2
 88 18.6 0.0 33.6





#35
Dibromofluoromethane
Concen: 51.691 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

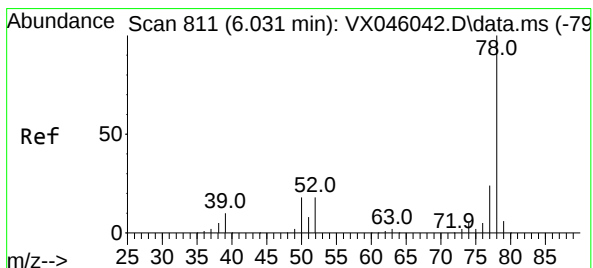
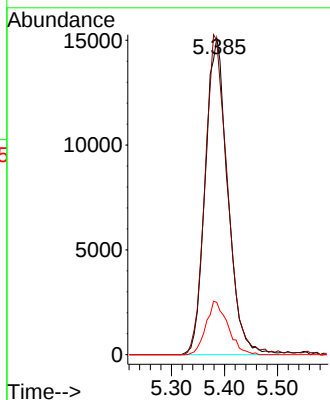
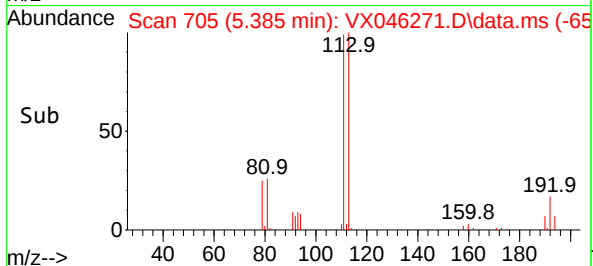
Instrument :
MSVOA_X
ClientSampleId :
SB-2



Tgt Ion:113 Resp: 4443
Ion Ratio Lower Upper
113 100
111 101.2 83.1 124.7
192 16.5 13.3 19.9

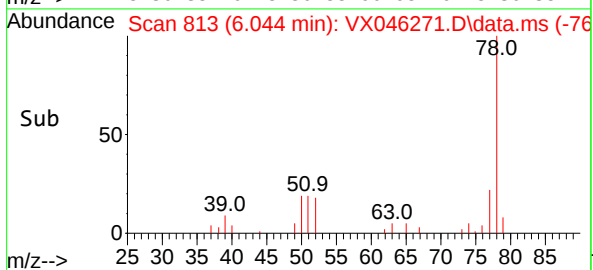
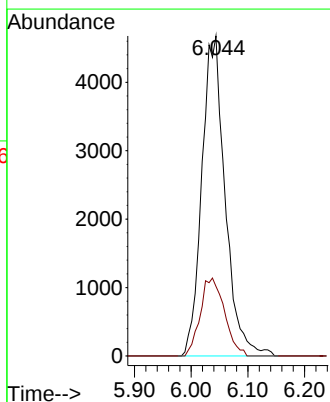
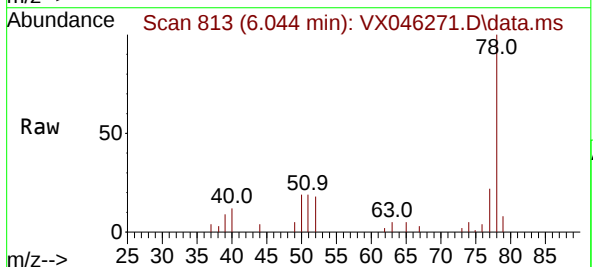
Manual Integrations
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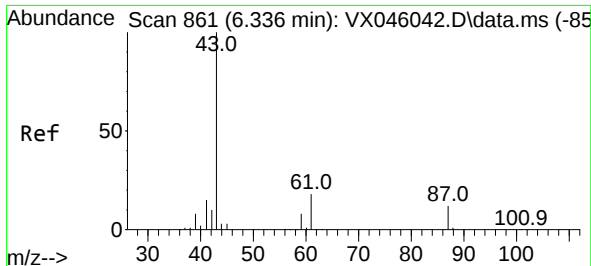
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40
Benzene
Concen: 3.947 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

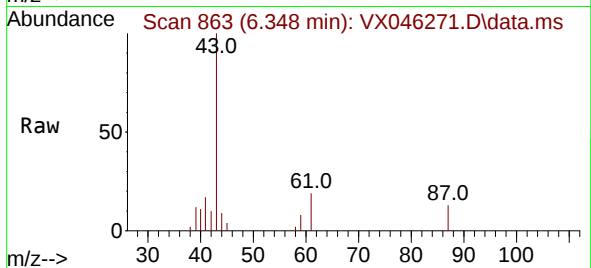
Tgt Ion: 78 Resp: 13353
Ion Ratio Lower Upper
78 100
77 21.7 19.0 28.4





#43
Isopropyl Acetate
Concen: 6.977 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.012 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

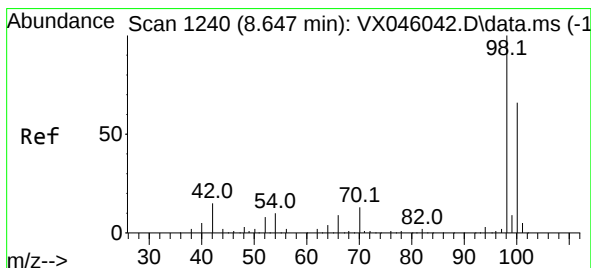
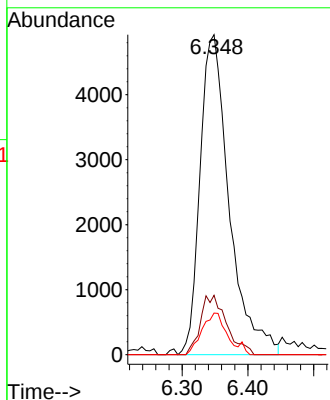
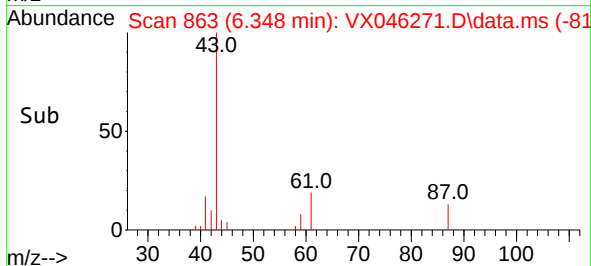
Instrument :
MSVOA_X
ClientSampleId :
SB-2



Tgt Ion: 43 Resp: 15188
Ion Ratio Lower Upper
43 100
61 16.6 14.3 21.5
87 11.4 9.5 14.3

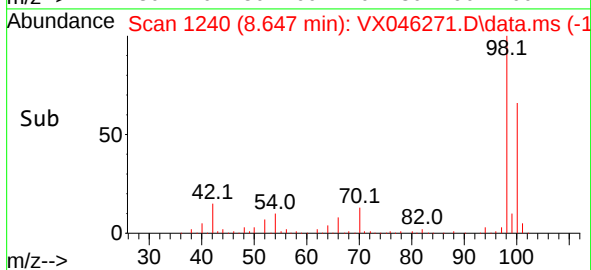
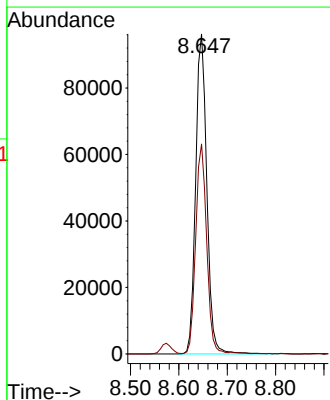
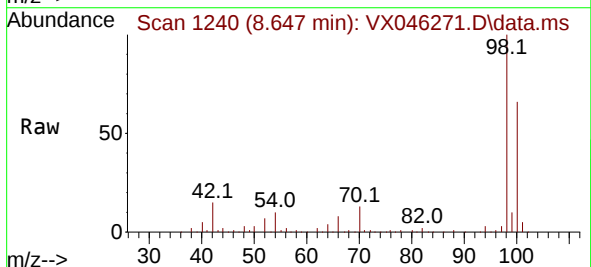
Manual Integrations
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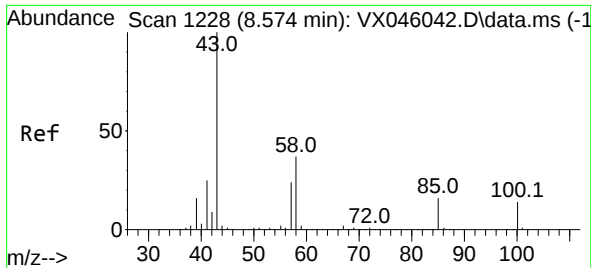
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
Toluene-d8
Concen: 51.706 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

Tgt Ion: 98 Resp: 153831
Ion Ratio Lower Upper
98 100
100 63.9 53.5 80.3





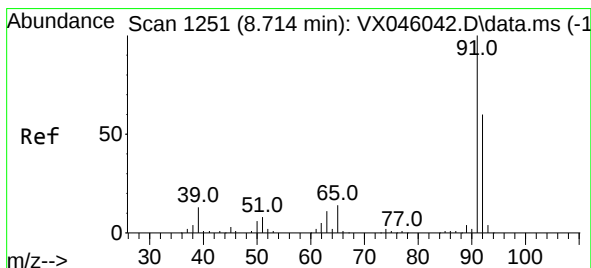
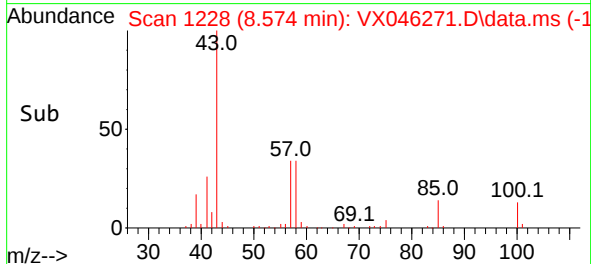
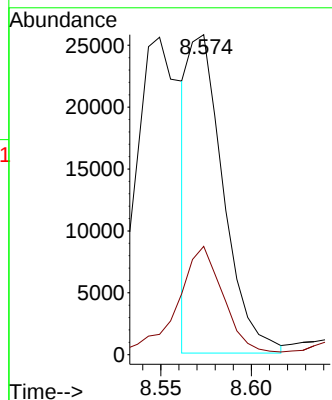
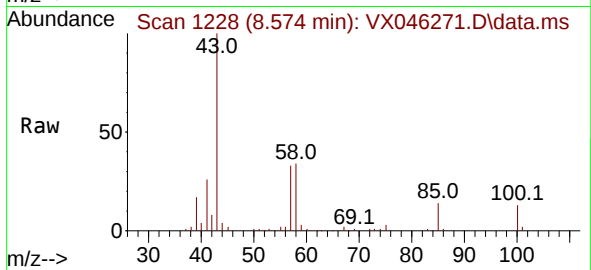
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4-Methyl-2-Pentanone
Concen: 23.704 ug/l m
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Tgt Ion: 43 Resp: 3425
Ion Ratio Lower Upper
43 100
58 0.0 28.9 43.3

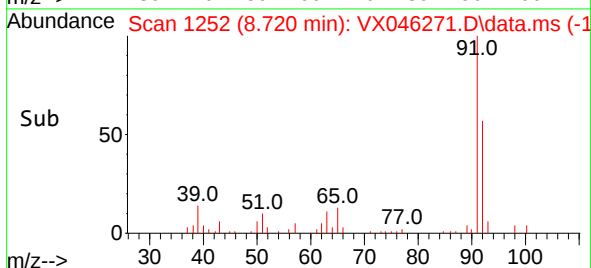
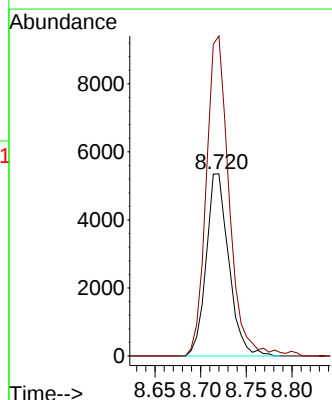
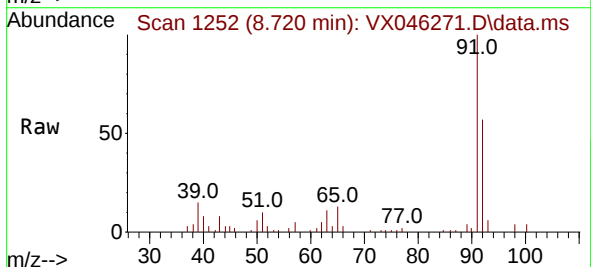
Manual Integrations
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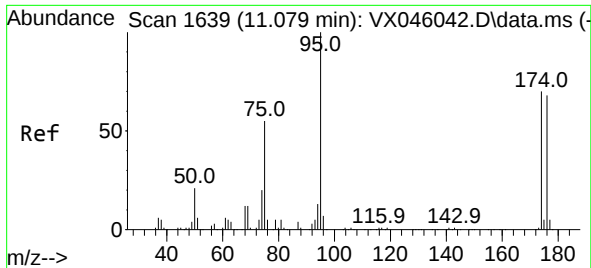
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Toluene
Concen: 4.420 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

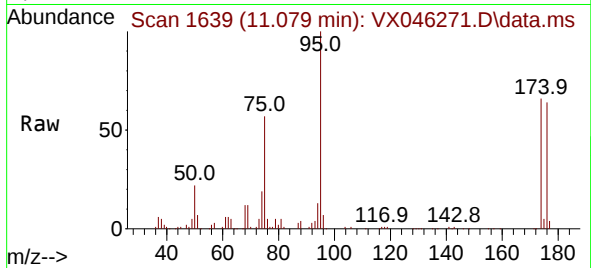
Tgt Ion: 92 Resp: 9168
Ion Ratio Lower Upper
92 100
91 177.7 136.6 205.0





#62
4-Bromofluorobenzene
Concen: 48.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

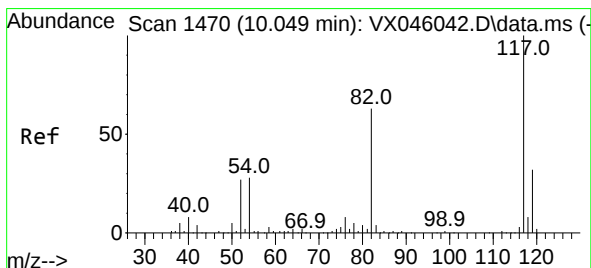
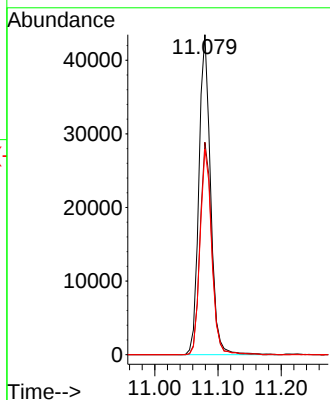
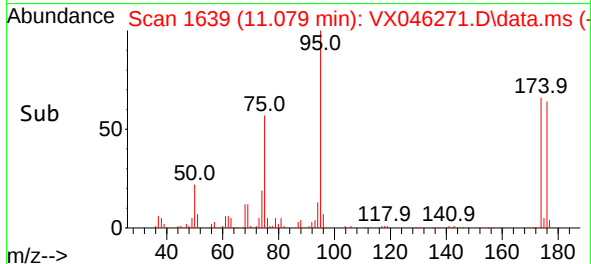
Instrument :
MSVOA_X
ClientSampleId :
SB-2



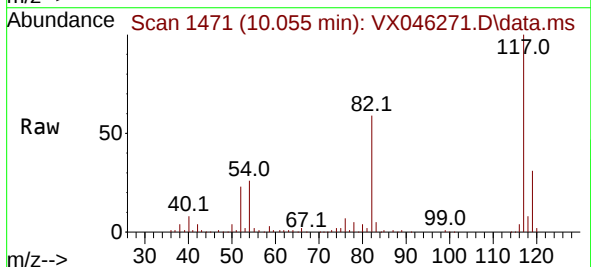
Tgt Ion: 95 Resp: 55750
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.8
176 64.2 0.0 131.4

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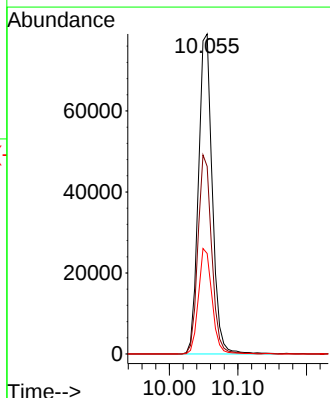
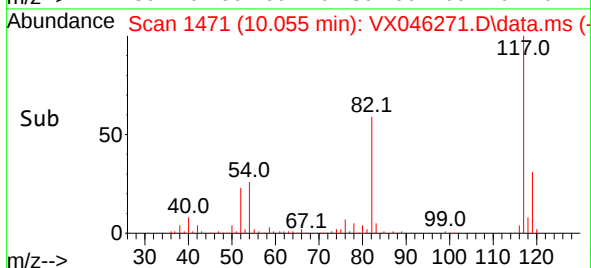
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

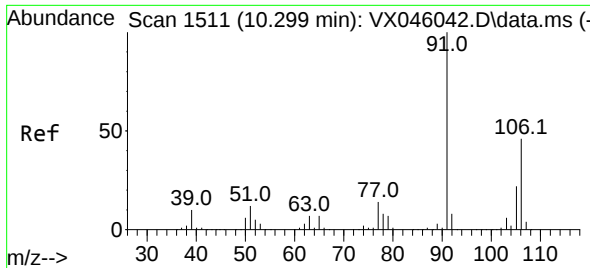


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34



Tgt Ion:117 Resp: 111041
Ion Ratio Lower Upper
117 100
82 58.6 50.6 76.0
119 31.4 25.8 38.6





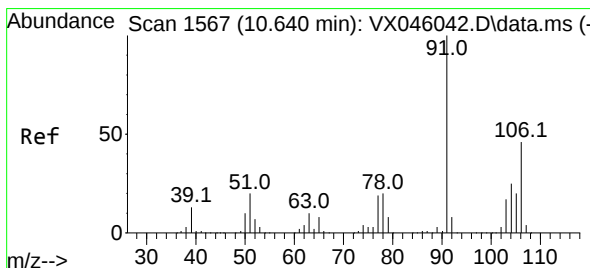
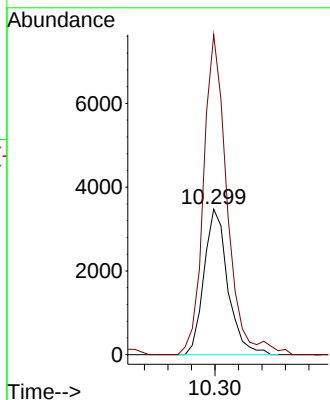
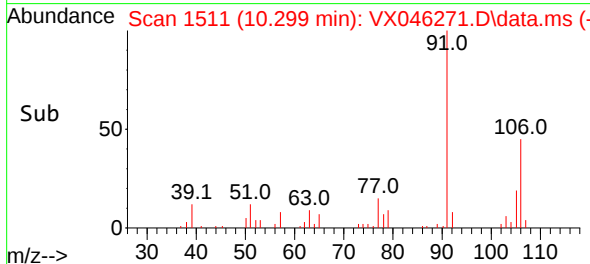
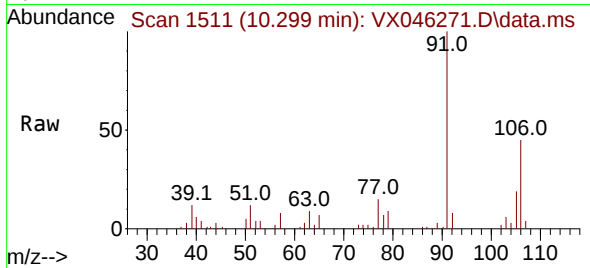
#68
m/p-Xylenes
Concen: 3.117 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Tgt Ion:106 Resp: 4884
Ion Ratio Lower Upper
106 100
91 217.7 171.2 256.8

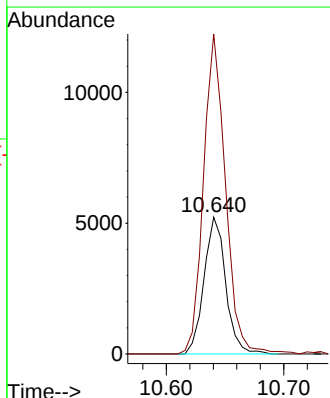
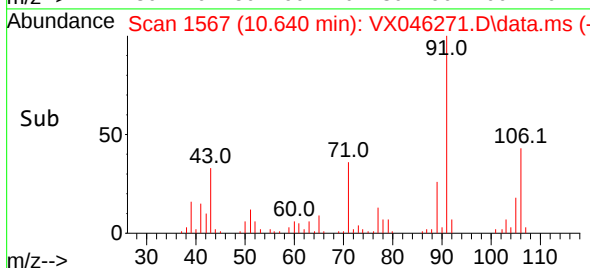
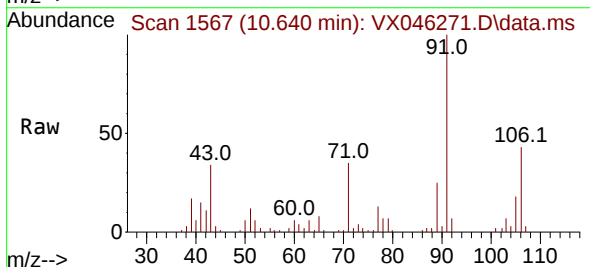
Manual Integrations
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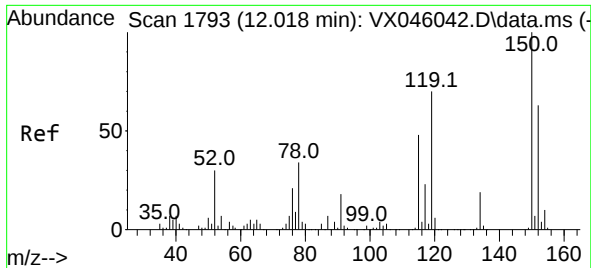
Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#69
o-Xylene
Concen: 4.388 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

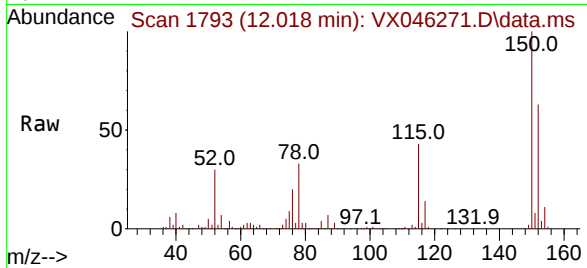
Tgt Ion:106 Resp: 6703
Ion Ratio Lower Upper
106 100
91 237.1 112.7 338.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. -0.000 min
 Lab File: VX046271.D
 Acq: 19 May 2025 16:34

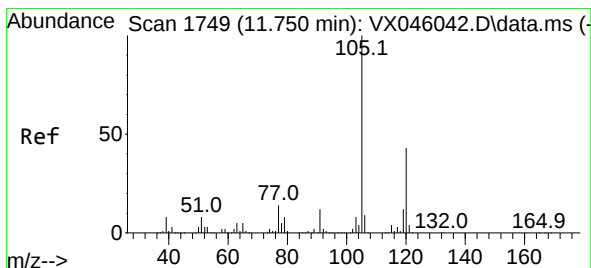
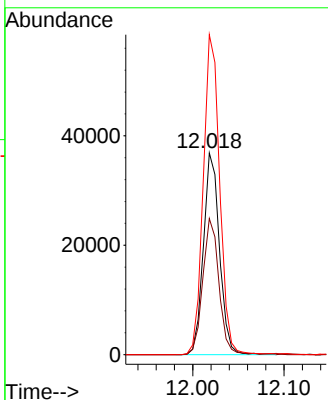
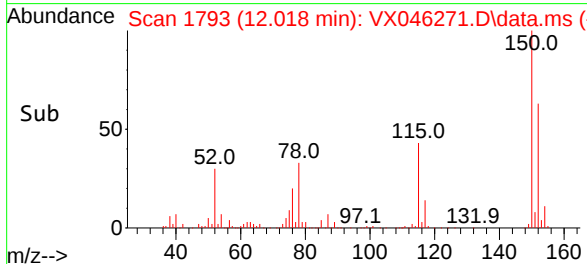
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2



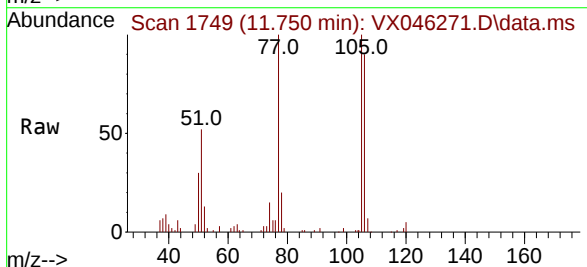
Tgt Ion:152 Resp: 44992
 Ion Ratio Lower Upper
 152 100
 115 67.6 46.9 140.7
 150 161.8 0.0 351.0

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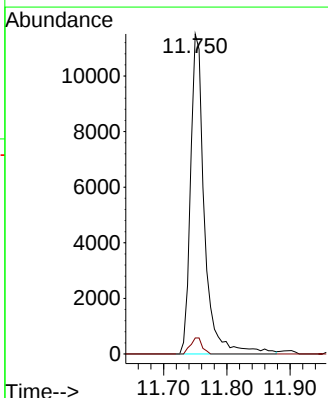
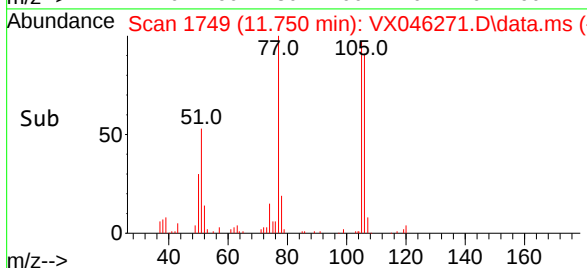
Reviewed By :John Carlone 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

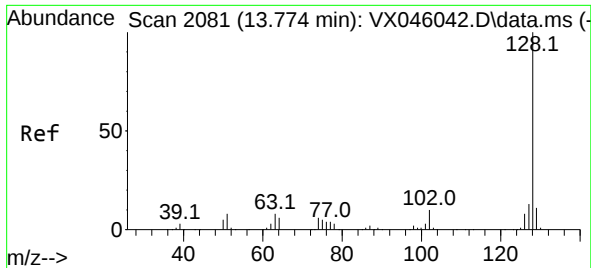


#84
 1,2,4-Trimethylbenzene
 Concen: 5.953 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046271.D
 Acq: 19 May 2025 16:34



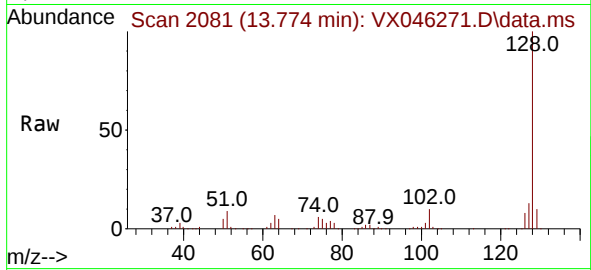
Tgt Ion:105 Resp: 17641
 Ion Ratio Lower Upper
 105 100
 120 4.2 21.2 63.6#





#95
Naphthalene
Concen: 18.641 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046271.D
Acq: 19 May 2025 16:34

Instrument :
MSVOA_X
ClientSampleId :
SB-2



Tgt Ion:128 Resp: 58483
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

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

