

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
 Data File : VX044906.D
 Acq On : 11 Feb 2025 15:15
 Operator : JC/MD
 Sample : Q1293-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-2123

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/12/2025
 Supervised By : Mahesh Dadoda 02/12/2025

Quant Time: Feb 12 02:43:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	184299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	170387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	77190	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71522	53.722	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.440%			
35) Dibromofluoromethane	5.379	113	59204	49.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	8.647	98	232751	51.368	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	11.079	95	82470	53.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.980%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	42467	79.346	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	27446	7.359	ug/l	97
22) Diisopropyl ether	3.763	45	4601	1.148	ug/l #	79
25) 2-Butanone	4.568	43	14060	16.178	ug/l	98
37) Ethyl Acetate	4.739	43	4064m	2.114	ug/l	
40) Benzene	6.031	78	93144	17.255	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	4811	2.549	ug/l	99
52) Toluene	8.714	92	164446	51.151	ug/l	99
59) 2-Hexanone	9.451	43	1953	1.436	ug/l	93
67) Ethyl Benzene	10.189	91	40623	6.290	ug/l	99
68) m/p-Xylenes	10.299	106	51423	21.585	ug/l	100
69) o-Xylene	10.640	106	32770	13.709	ug/l	98
73) Isopropylbenzene	10.963	105	3817	0.614	ug/l	96
78) n-propylbenzene	11.305	91	10865	1.515	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	17904	3.550	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	81095	16.290	ug/l	99
85) sec-Butylbenzene	11.884	105	2592	0.410	ug/l	90
89) n-Butylbenzene	12.329	91	6140	1.366	ug/l #	35
95) Naphthalene	13.774	128	34953	6.275	ug/l	98

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

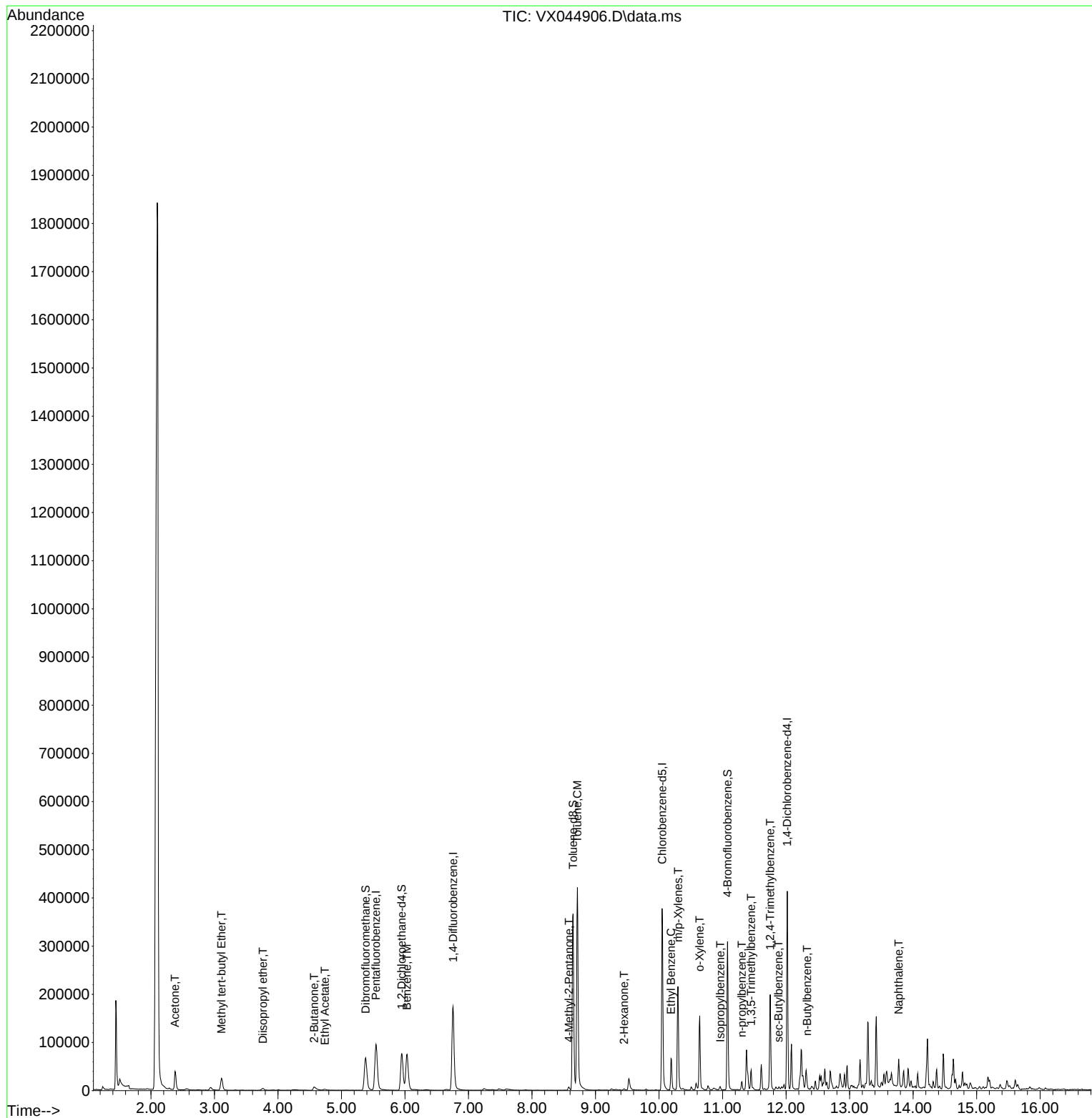
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044906.D
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MSVOA_X
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Quant Time: Feb 12 02:43:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

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APPROVED

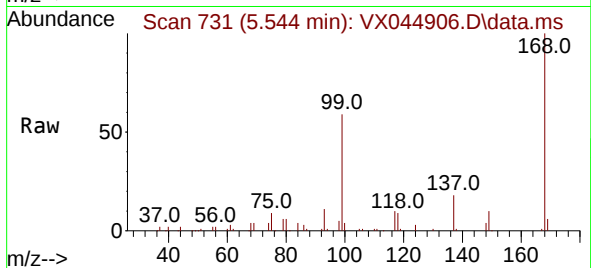
Reviewed By : John Carlone 02/12/2025
Supervised By : Mahesh Dadoda 02/12/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

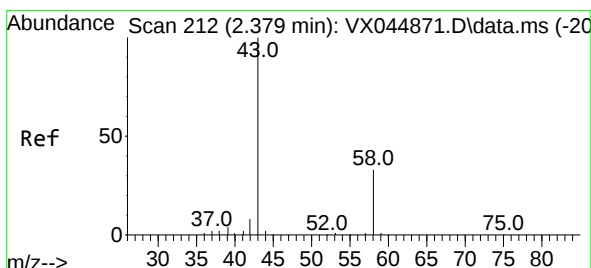
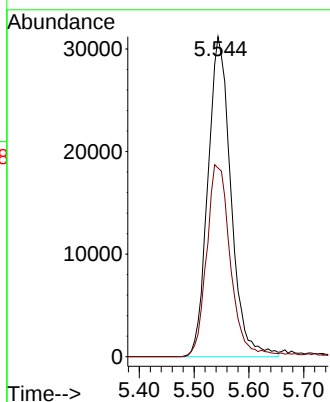
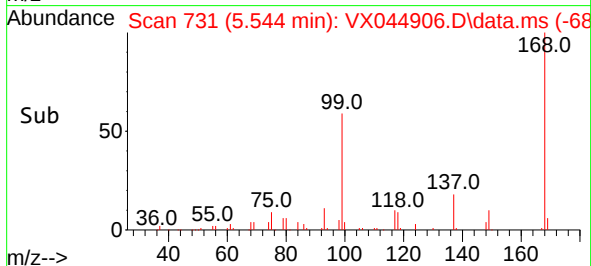
Instrument :
MSVOA_X
ClientSampleId :
NWB-2123



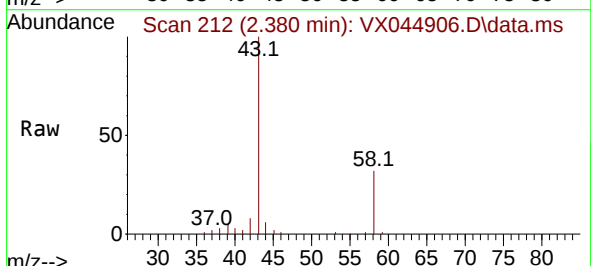
Tgt Ion:168 Resp: 90950
Ion Ratio Lower Upper
168 100
99 58.9 51.2 76.8

Manual Integrations
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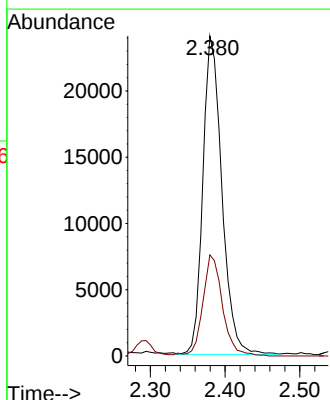
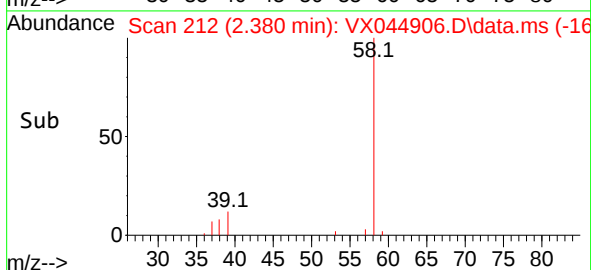
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

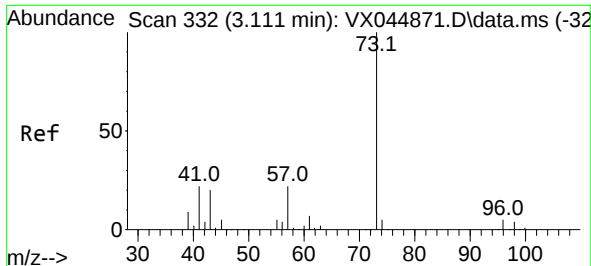


#16
Acetone
Concen: 79.346 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15



Tgt Ion: 43 Resp: 42467
Ion Ratio Lower Upper
43 100
58 31.8 26.5 39.7





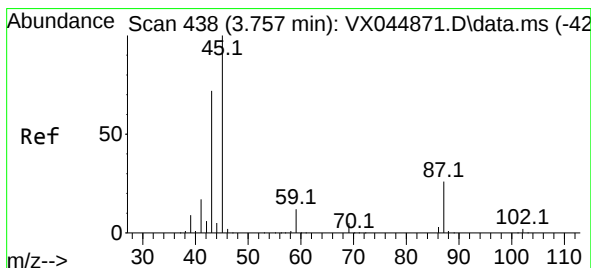
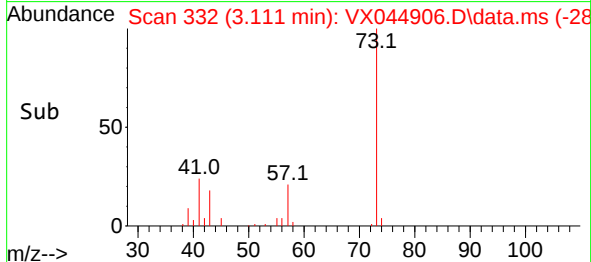
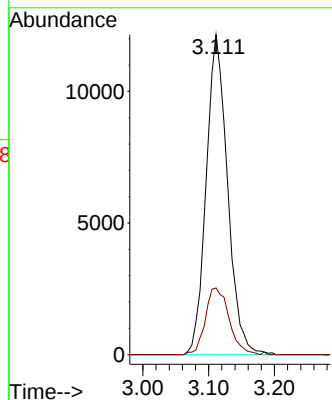
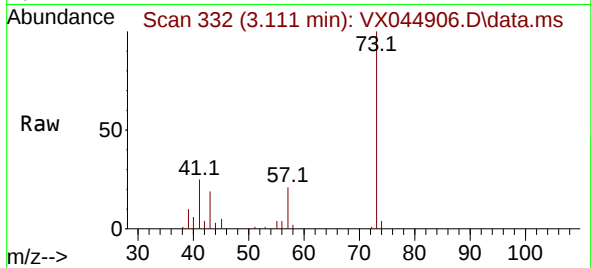
#19
Methyl tert-butyl Ether
Concen: 7.359 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion: 73 Resp: 2744
Ion Ratio Lower Upper
73 100
57 20.8 17.9 26.9

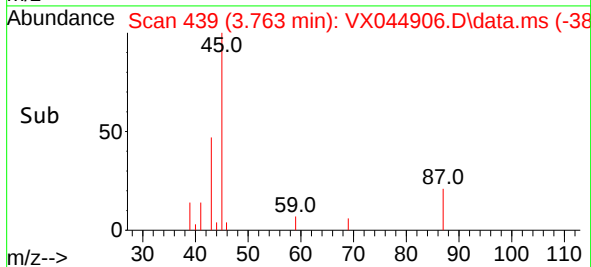
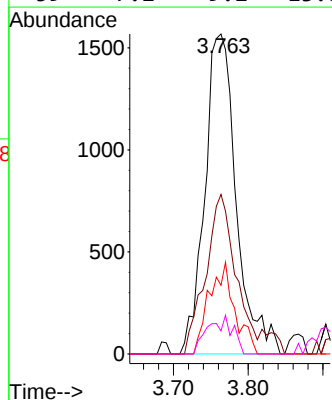
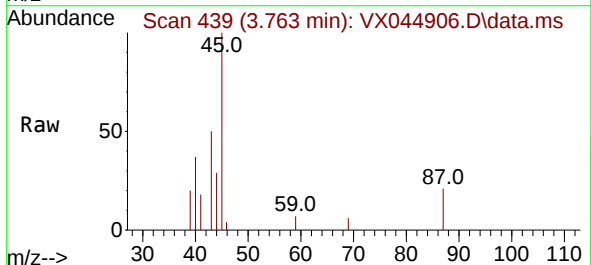
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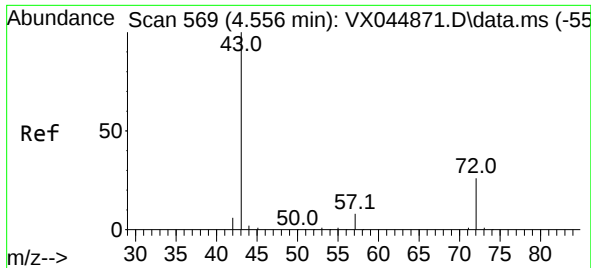
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#22
Diisopropyl ether
Concen: 1.148 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Tgt Ion: 45 Resp: 4601
Ion Ratio Lower Upper
45 100
43 49.9 58.0 87.0#
87 21.4 20.7 31.1
59 7.2 9.2 13.8#





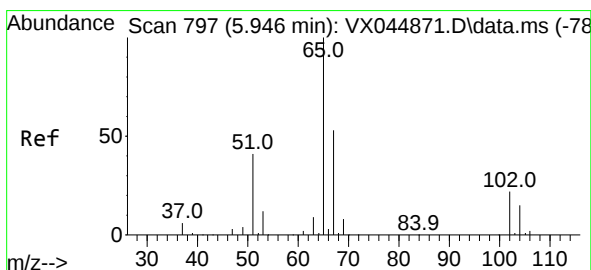
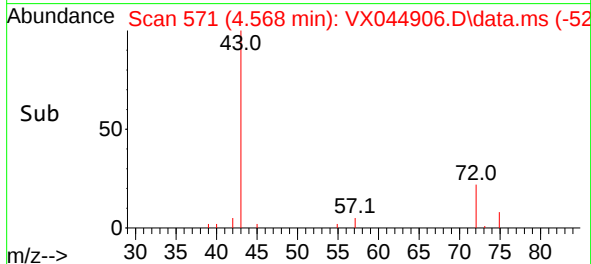
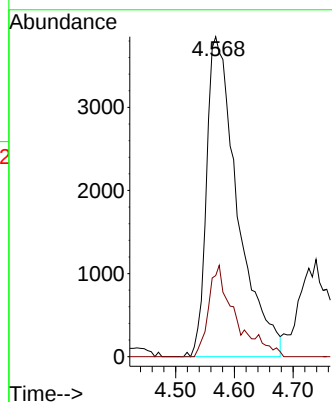
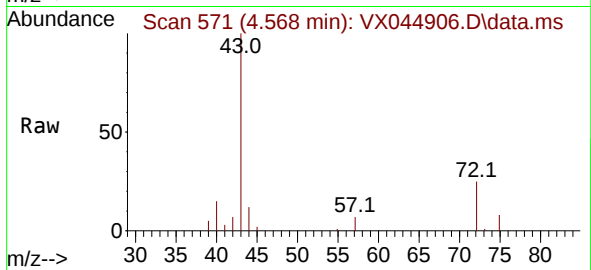
#25
2-Butanone
Concen: 16.178 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion: 43 Resp: 14060
Ion Ratio Lower Upper
43 100
72 25.3 21.2 31.8

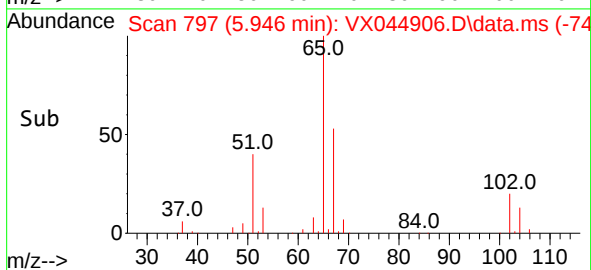
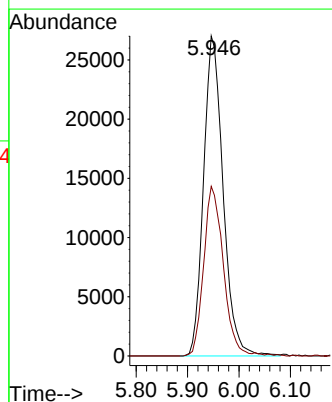
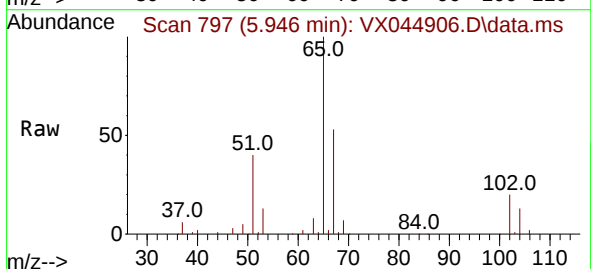
Manual Integrations
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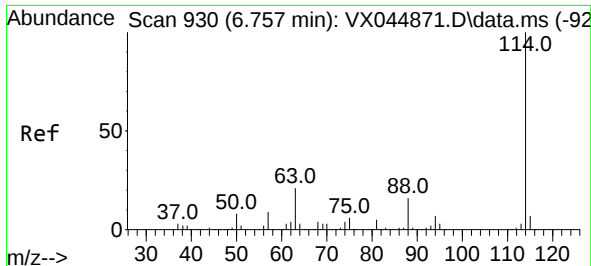
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#33
1,2-Dichloroethane-d4
Concen: 53.722 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Tgt Ion: 65 Resp: 71522
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2





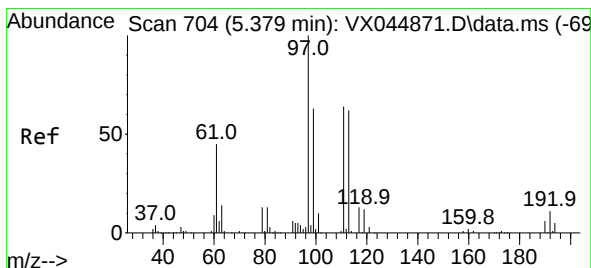
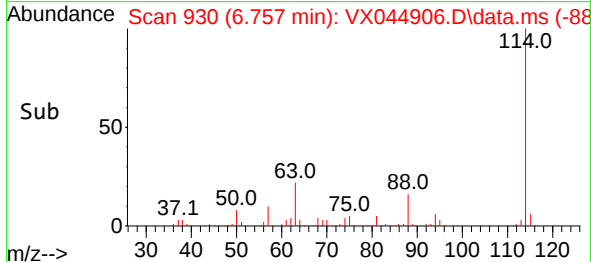
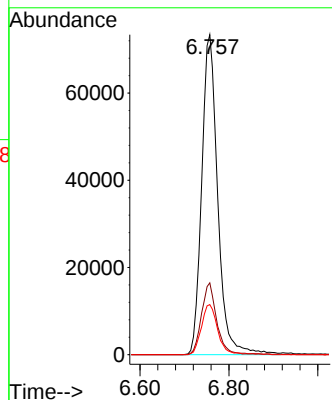
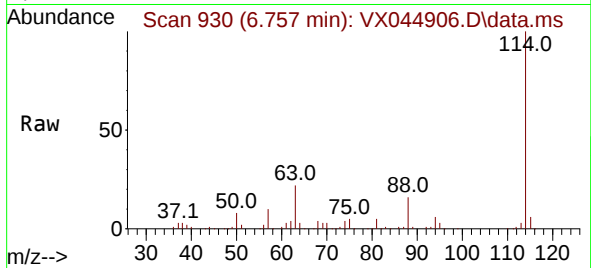
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion:114 Resp: 184299
Ion Ratio Lower Upper
114 100
63 22.5 0.0 42.4
88 15.7 0.0 31.4

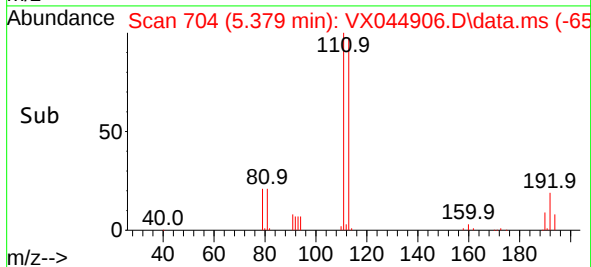
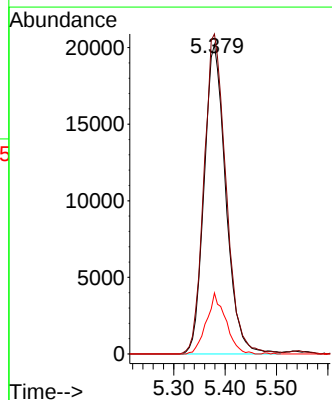
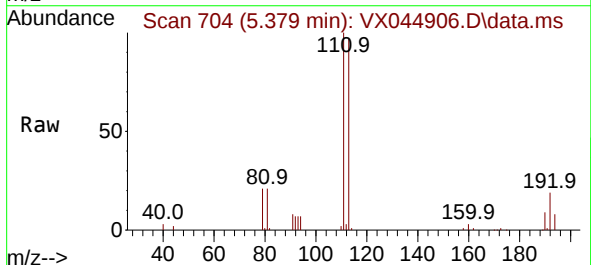
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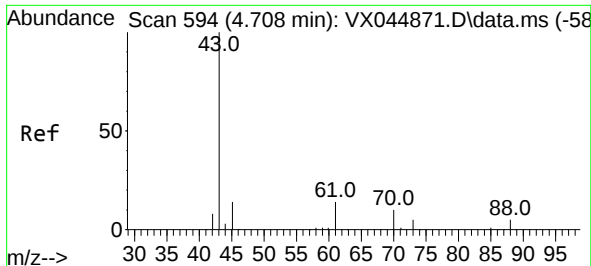
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#35
Dibromofluoromethane
Concen: 49.409 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Tgt Ion:113 Resp: 59204
Ion Ratio Lower Upper
113 100
111 105.4 83.5 125.3
192 17.6 14.4 21.6





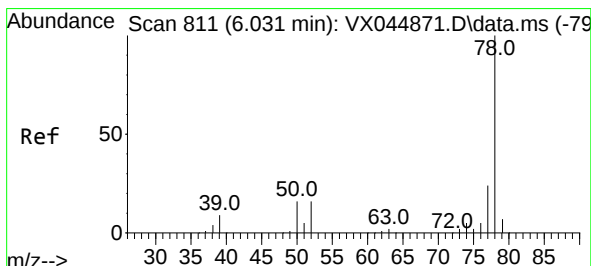
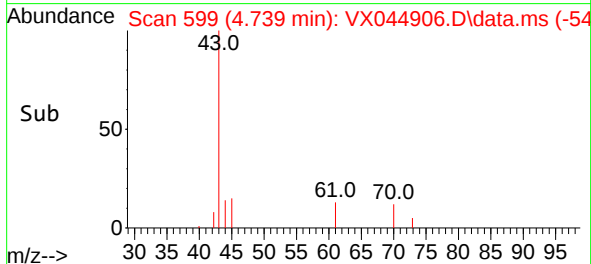
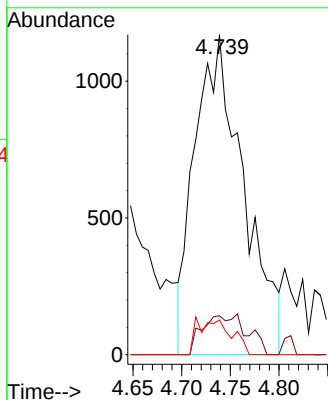
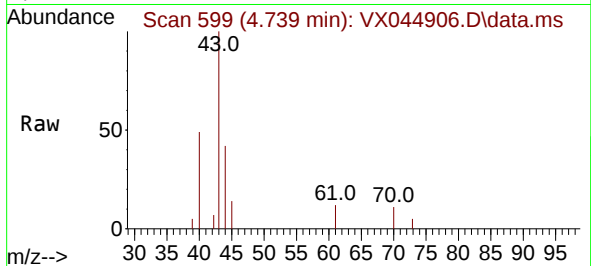
#37
Ethyl Acetate
Concen: 2.114 ug/l m
RT: 4.739 min Scan# 594
Delta R.T. 0.031 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion: 43 Resp: 4064
Ion Ratio Lower Upper
43 100
61 11.4 11.0 16.4
70 0.0 8.2 12.2

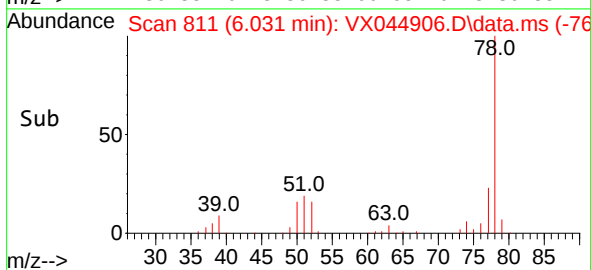
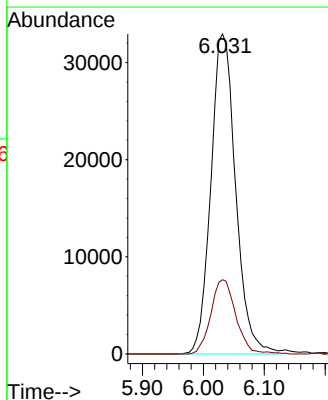
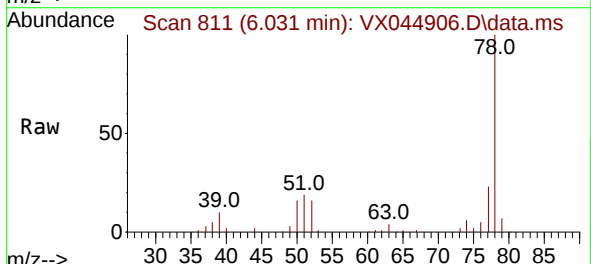
Manual Integrations
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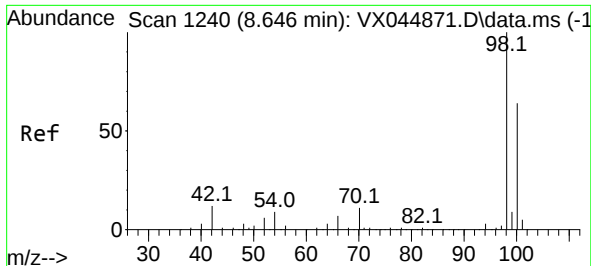
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#40
Benzene
Concen: 17.255 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

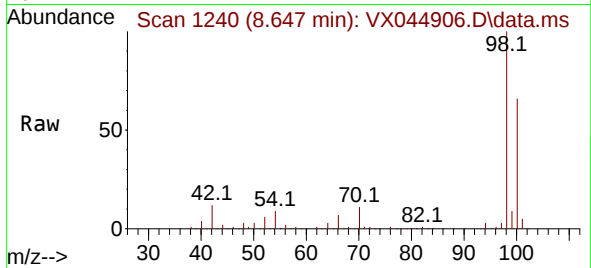
Tgt Ion: 78 Resp: 93144
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6





#50
Toluene-d8
Concen: 51.368 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

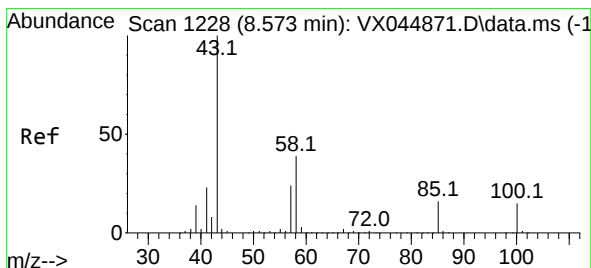
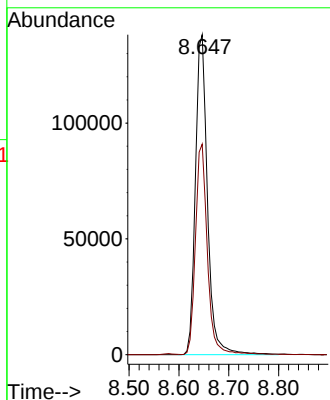
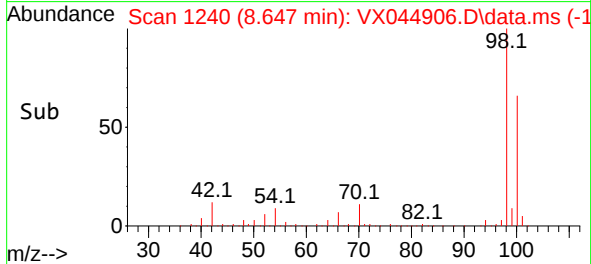
Instrument :
MSVOA_X
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NWB-2123



Tgt Ion: 98 Resp: 23275
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

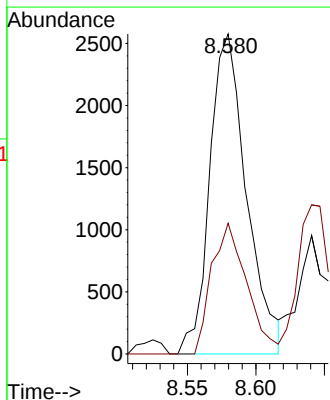
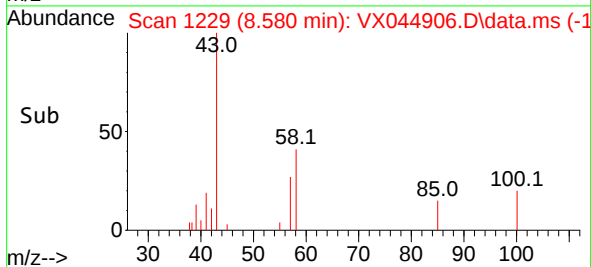
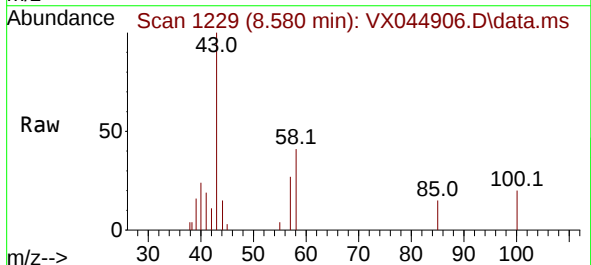
Manual Integrations
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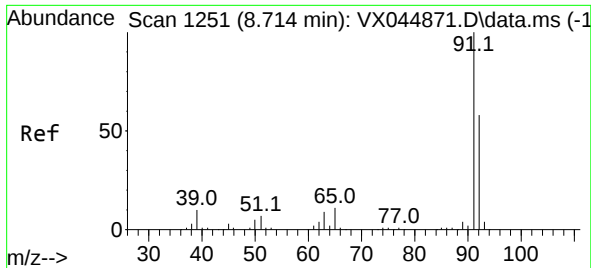
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#51
4-Methyl-2-Pentanone
Concen: 2.549 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

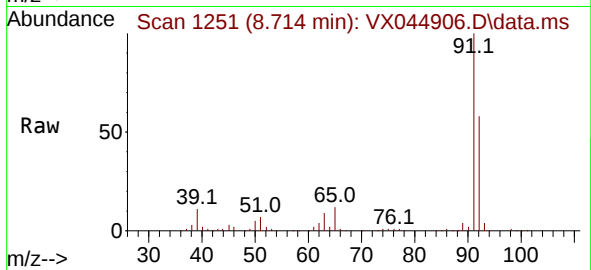
Tgt Ion: 43 Resp: 4811
Ion Ratio Lower Upper
43 100
58 39.1 30.8 46.2





#52
Toluene
Concen: 51.151 ug/l
RT: 8.714 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

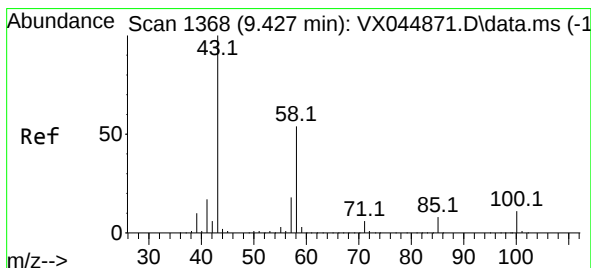
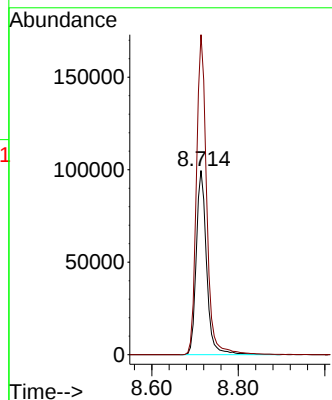
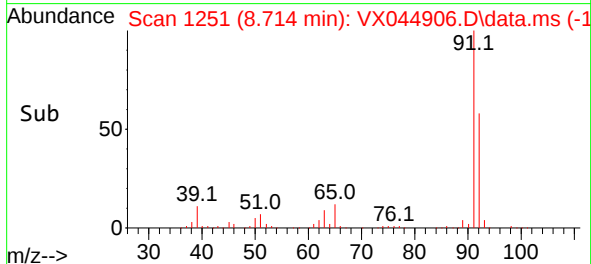
Instrument :
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Tgt Ion: 92 Resp: 164440
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.2

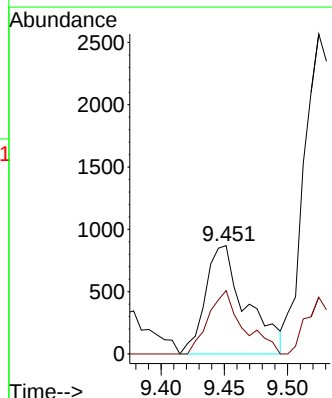
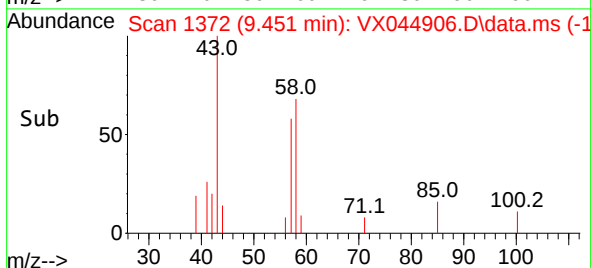
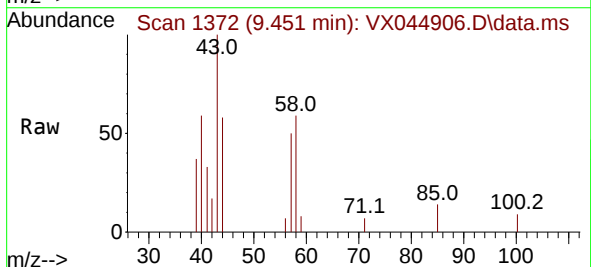
Manual Integrations
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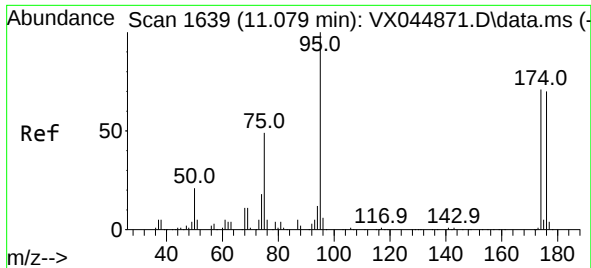
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#59
2-Hexanone
Concen: 1.436 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.025 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

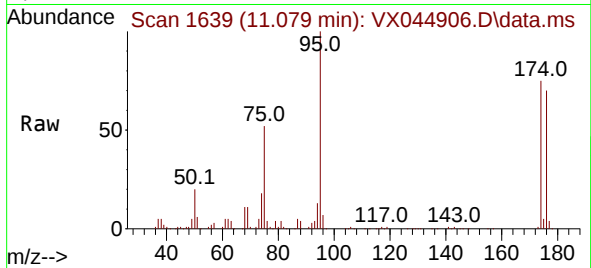
Tgt Ion: 43 Resp: 1953
Ion Ratio Lower Upper
43 100
58 50.0 27.5 82.4





#62
4-Bromofluorobenzene
Concen: 53.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

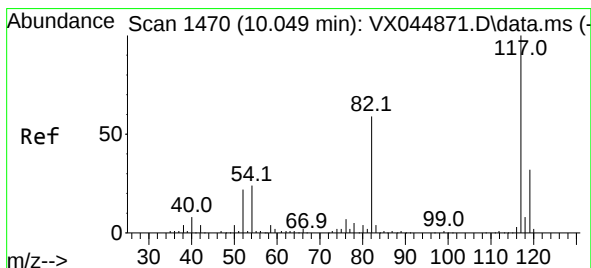
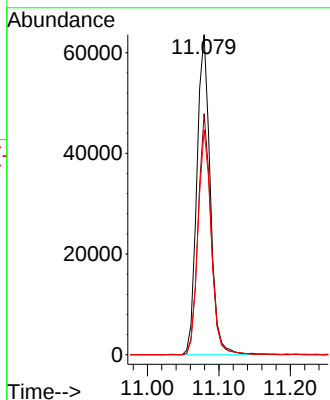
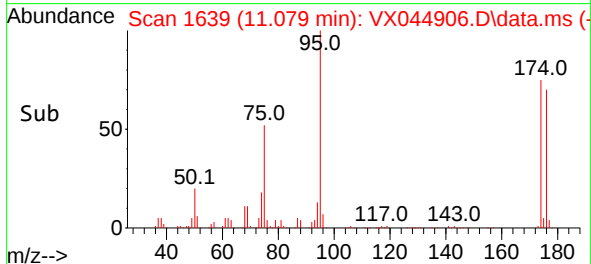
Instrument :
MSVOA_X
ClientSampleId :
NWB-2123



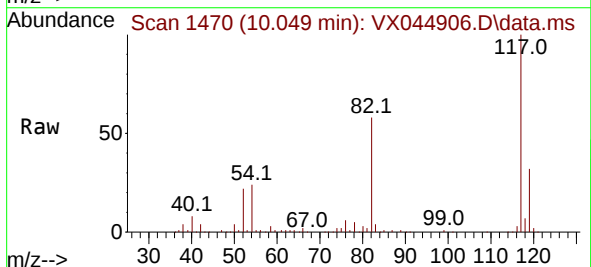
Tgt Ion: 95 Resp: 82470
Ion Ratio Lower Upper
95 100
174 72.4 0.0 142.6
176 70.0 0.0 141.6

Manual Integrations
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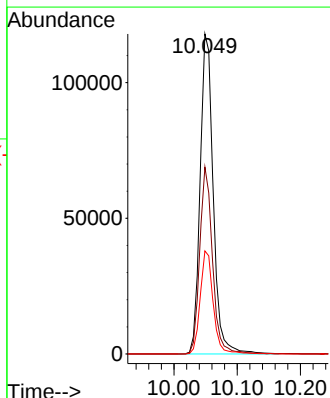
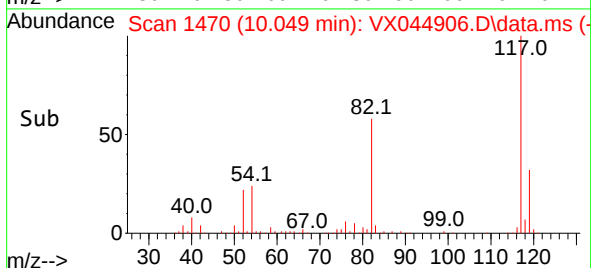
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

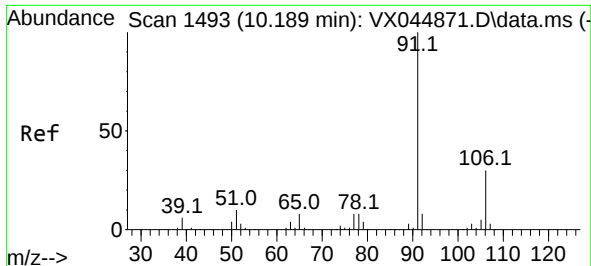


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15



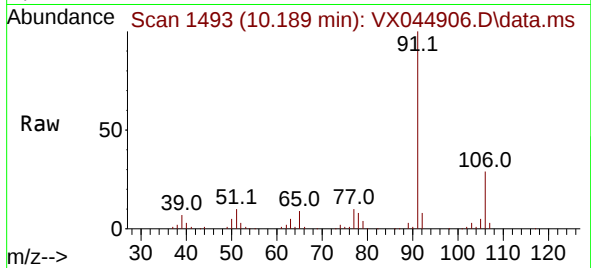
Tgt Ion:117 Resp: 170387
Ion Ratio Lower Upper
117 100
82 58.4 47.5 71.3
119 32.2 25.4 38.0





#67
Ethyl Benzene
Concen: 6.290 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

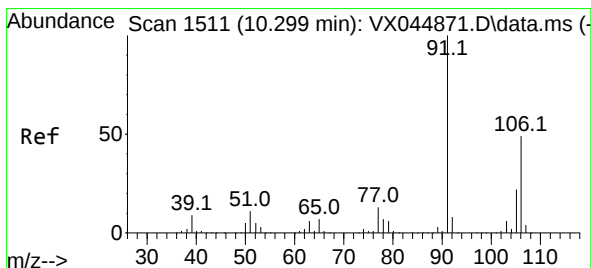
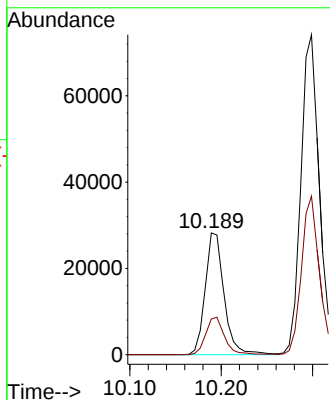
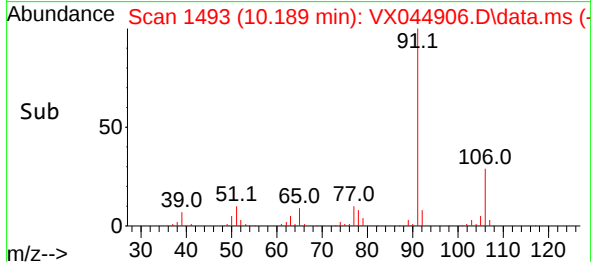
Instrument :
MSVOA_X
ClientSampleId :
NWB-2123



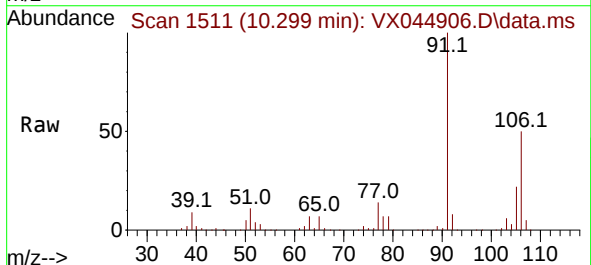
Tgt Ion: 91 Resp: 40623
Ion Ratio Lower Upper
91 100
106 29.3 23.9 35.9

Manual Integrations
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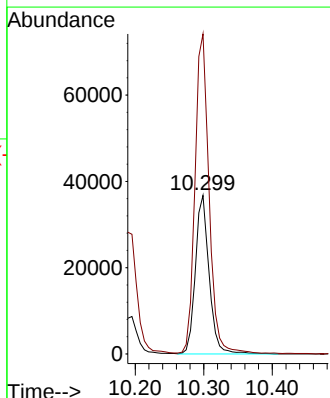
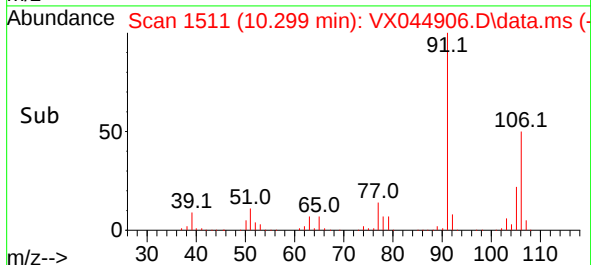
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

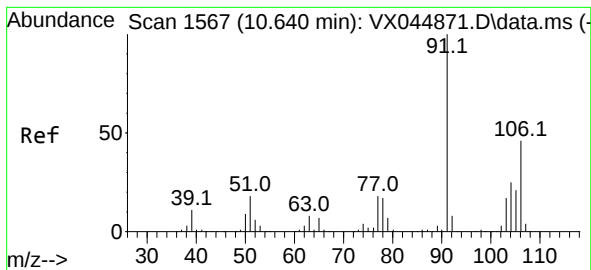


#68
m/p-Xylenes
Concen: 21.585 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15



Tgt Ion:106 Resp: 51423
Ion Ratio Lower Upper
106 100
91 205.6 164.3 246.5





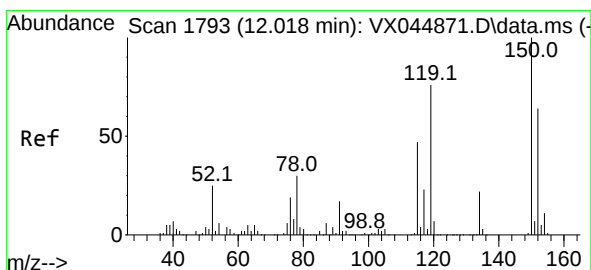
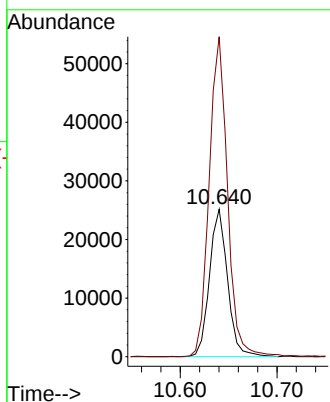
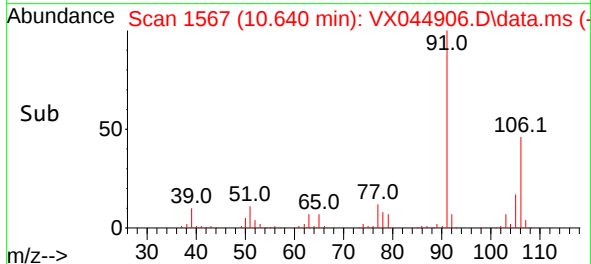
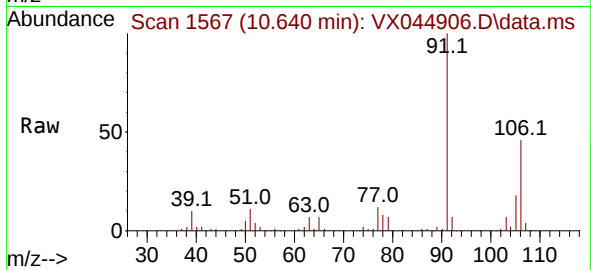
#69
o-Xylene
Concen: 13.709 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion:106 Resp: 32770
Ion Ratio Lower Upper
106 100
91 220.6 108.5 325.5

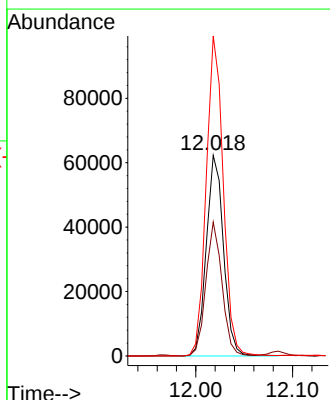
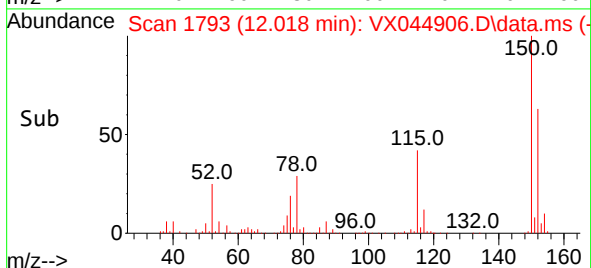
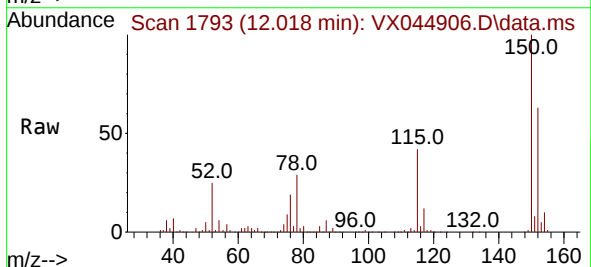
Manual Integrations
APPROVED

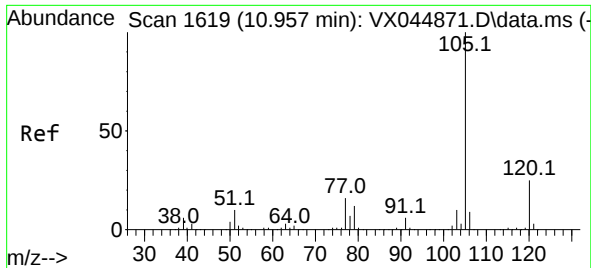
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Tgt Ion:152 Resp: 77190
Ion Ratio Lower Upper
152 100
115 62.8 43.4 130.1
150 157.3 0.0 350.4





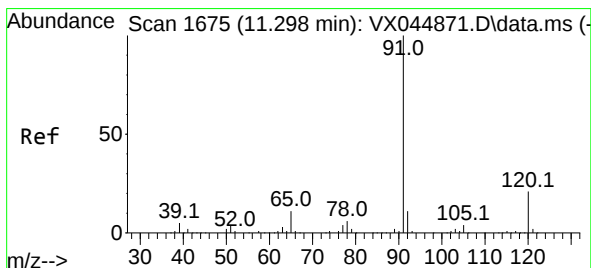
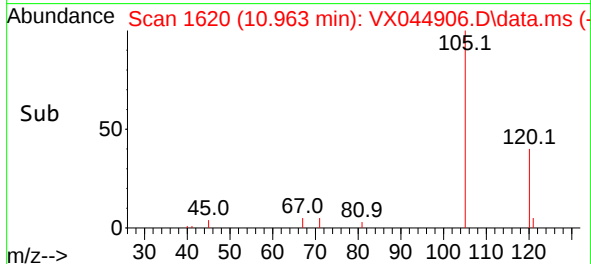
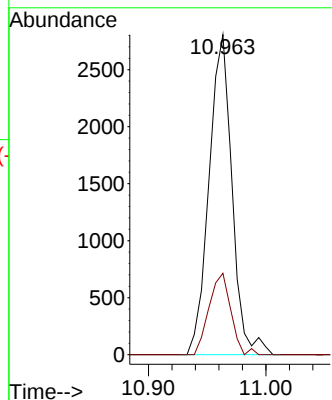
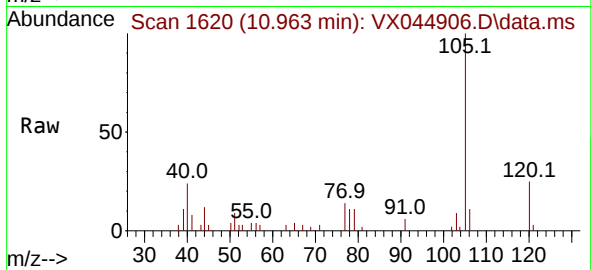
#73
Isopropylbenzene
Concen: 0.614 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123

Tgt Ion:105 Resp: 381
Ion Ratio Lower Upper
105 100
120 24.1 13.2 39.5

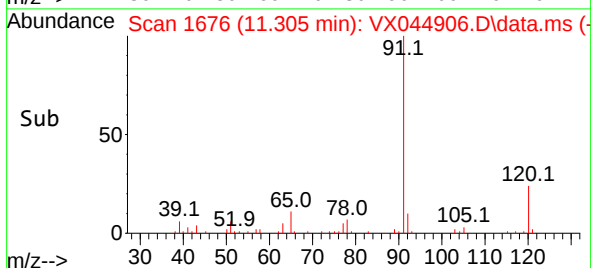
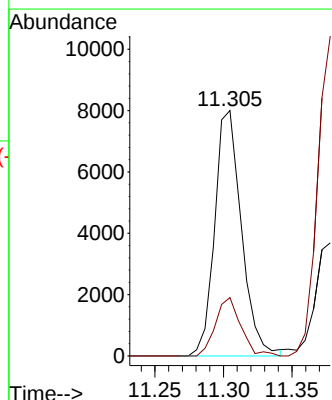
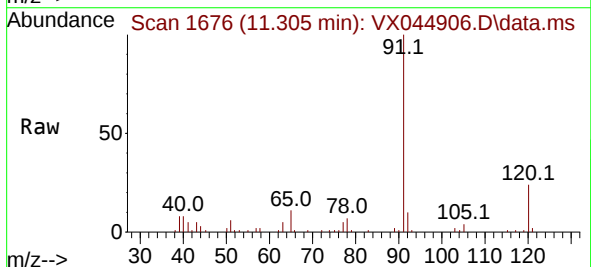
Manual Integrations
APPROVED

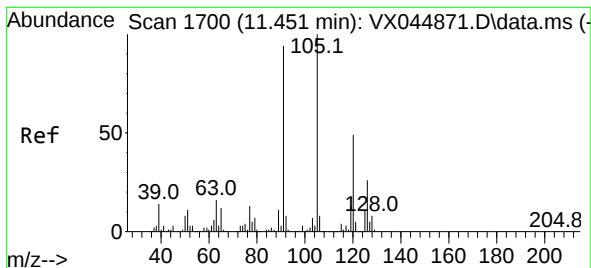
Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



#78
n-propylbenzene
Concen: 1.515 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Tgt Ion: 91 Resp: 10865
Ion Ratio Lower Upper
91 100
120 22.5 11.1 33.3





#80

1,3,5-Trimethylbenzene

Concen: 3.550 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044906.D

Acq: 11 Feb 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

NWB-2123

Tgt Ion:105 Resp: 17904

Ion Ratio Lower Upper

105 100

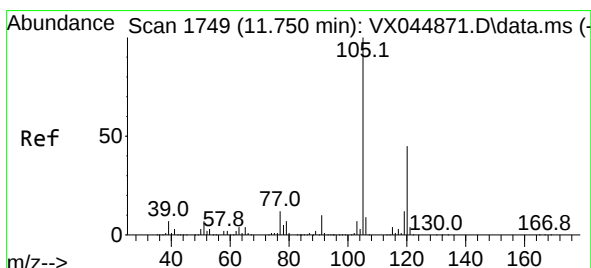
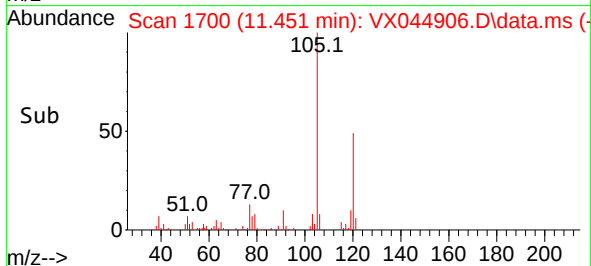
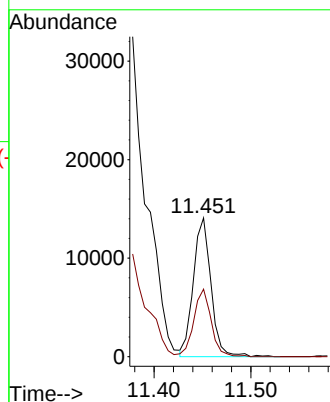
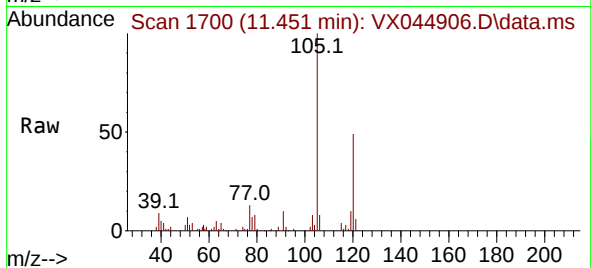
120 48.4 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#84

1,2,4-Trimethylbenzene

Concen: 16.290 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044906.D

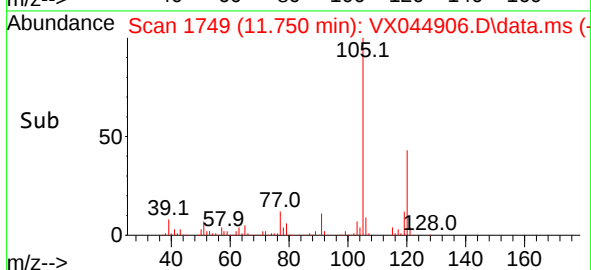
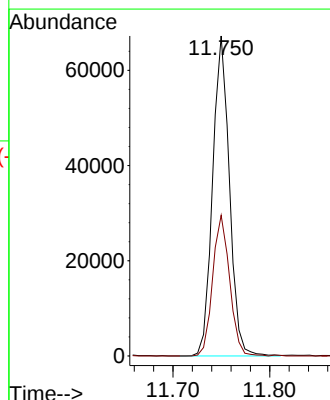
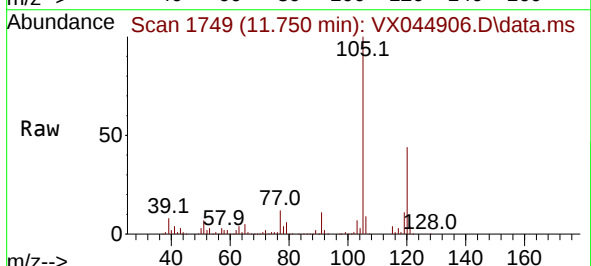
Acq: 11 Feb 2025 15:15

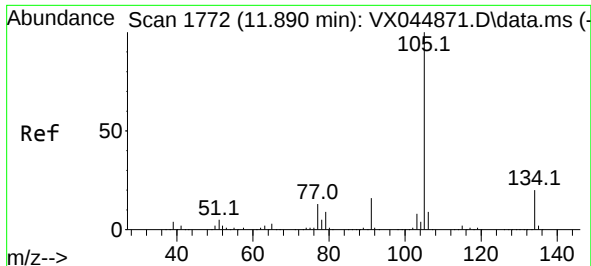
Tgt Ion:105 Resp: 81095

Ion Ratio Lower Upper

105 100

120 44.4 22.4 67.0





#85

sec-Butylbenzene

Concen: 0.410 ug/l

RT: 11.884 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VX044906.D

Acq: 11 Feb 2025 15:15

Instrument :

MSVOA_X

ClientSampleId :

NWB-2123

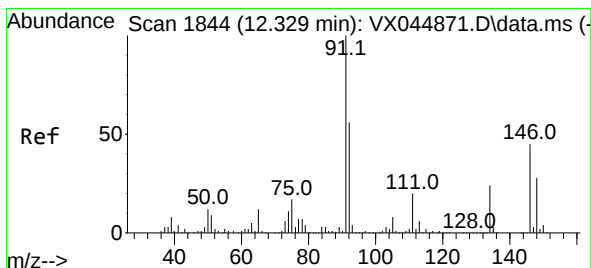
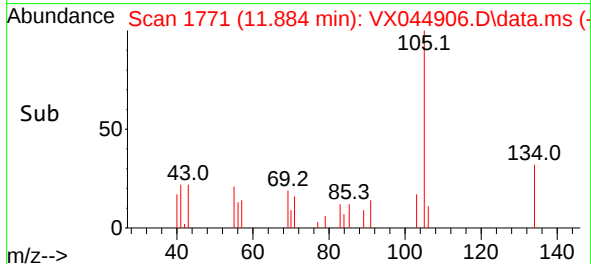
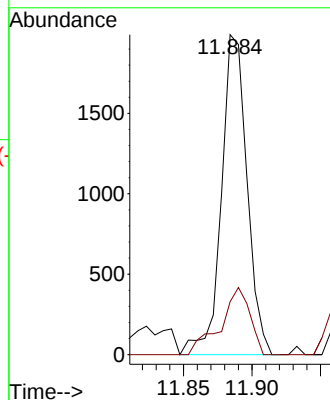
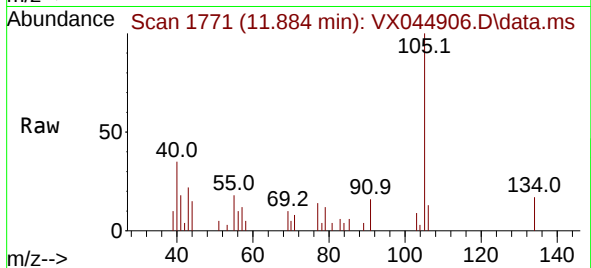
Tgt Ion:105 Resp: 2592
 Ion Ratio Lower Upper
 105 100
 134 24.0 9.8 29.3

Manual Integrations

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Reviewed By :John Carlone 02/12/2025

Supervised By :Mahesh Dadoda 02/12/2025



#89

n-Butylbenzene

Concen: 1.366 ug/l

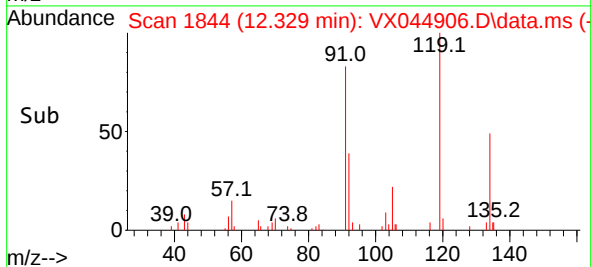
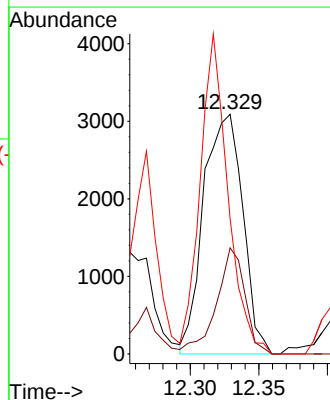
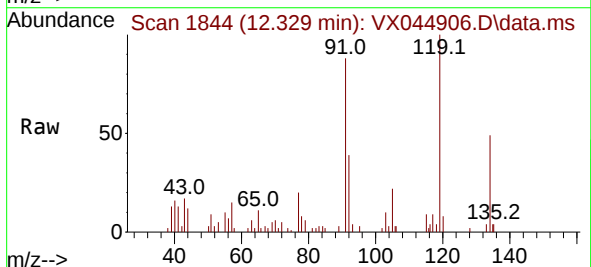
RT: 12.329 min Scan# 1844

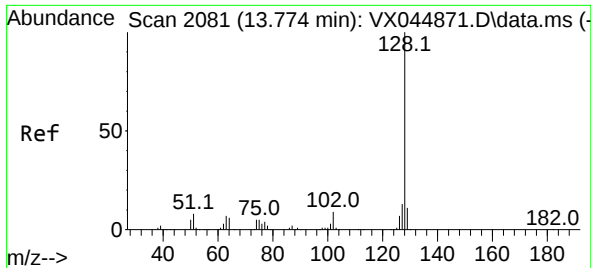
Delta R.T. 0.000 min

Lab File: VX044906.D

Acq: 11 Feb 2025 15:15

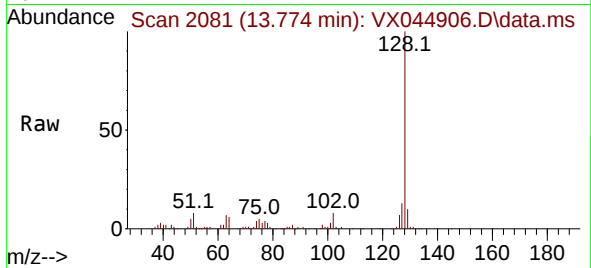
Tgt Ion: 91 Resp: 6140
 Ion Ratio Lower Upper
 91 100
 92 32.1 27.2 81.6
 134 94.5 12.1 36.3#





#95
Naphthalene
Concen: 6.275 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044906.D
Acq: 11 Feb 2025 15:15

Instrument :
MSVOA_X
ClientSampleId :
NWB-2123



Tgt Ion:128 Resp: 3495
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 12.5 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

