

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
 Data File : VX048570.D
 Acq On : 12 Nov 2025 11:59
 Operator : JC/MD
 Sample : Q3574-01 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 304641-01 Liquid

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025

Quant Time: Nov 14 00:26:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	180966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	374288	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	398973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	210340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	138697	55.003	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.000%			
35) Dibromofluoromethane	5.379	113	121406	42.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 85.720%			
50) Toluene-d8	8.635	98	437830	49.555	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.120%			
62) 4-Bromofluorobenzene	11.061	95	192170	58.365	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.720%			
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	6813	5.708	ug/l	98
17) Carbon Disulfide	2.526	76	1553	0.262	ug/l #	75
20) Methylene Chloride	2.782	84	803	0.327	ug/l #	68
44) Trichloroethene	7.110	130	15611	5.554	ug/l	90
51) 4-Methyl-2-Pentanone	8.567	43	3959	0.927	ug/l	94
52) Toluene	8.702	92	18494	2.987	ug/l	98
67) Ethyl Benzene	10.177	91	14586	0.917	ug/l	95
68) m/p-Xylenes	10.287	106	24941	4.164	ug/l	94
69) o-Xylene	10.628	106	17583	3.001	ug/l	94
78) n-propylbenzene	11.286	91	11305	0.630	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	16913	1.359	ug/l	98
84) 1,2,4-Trimethylbenzene	11.732	105	67514	5.376	ug/l	98
89) n-Butylbenzene	12.311	91	10159m	0.810	ug/l	

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

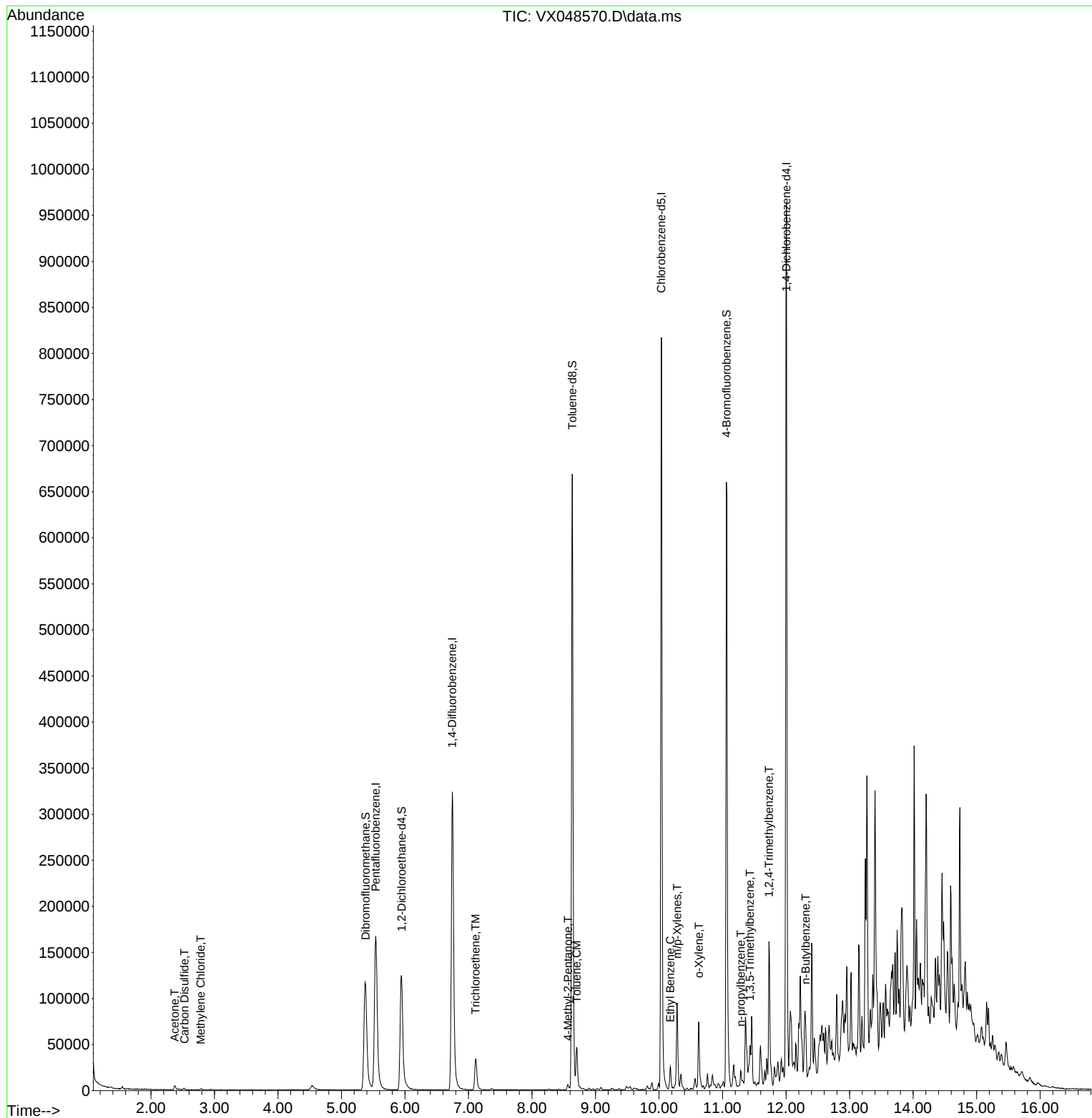
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111225\
Data File : VX048570.D
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ALS Vial : 9 Sample Multiplier: 1

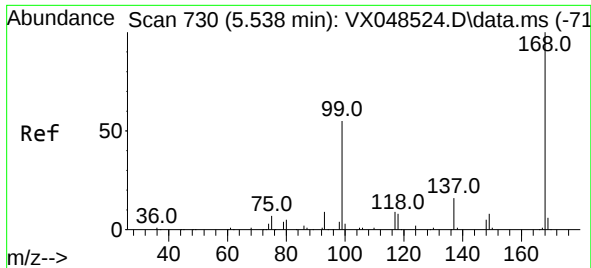
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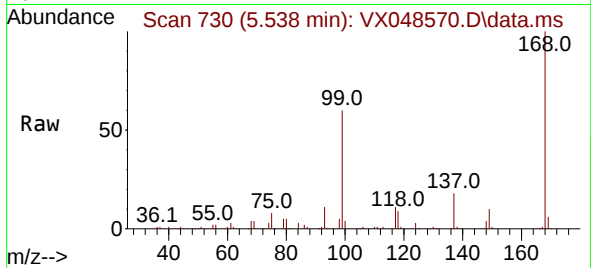
Quant Time: Nov 14 00:26:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 08 05:08:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

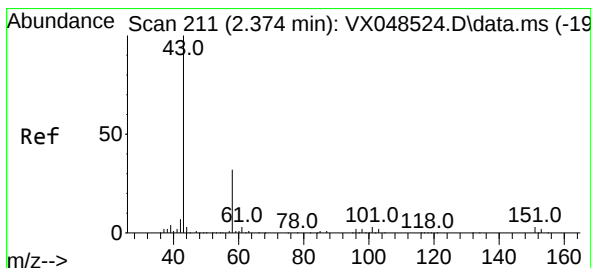
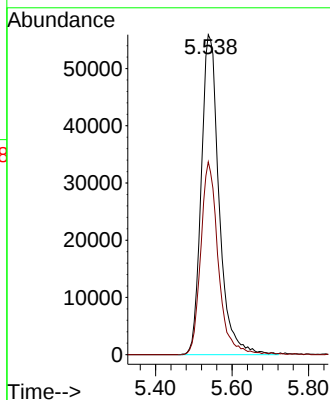
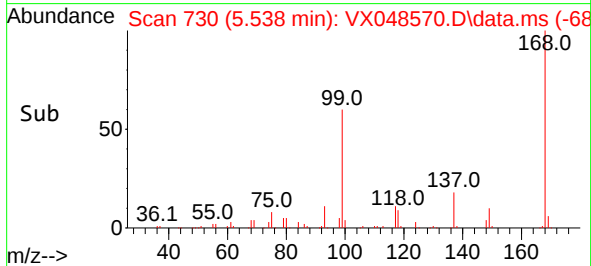
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid



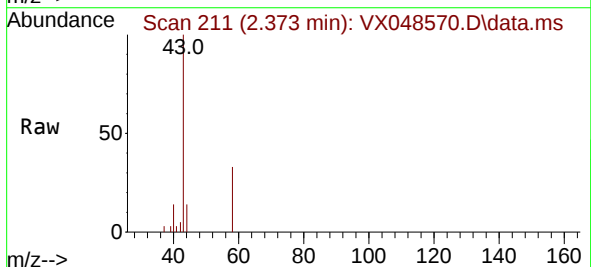
Tgt Ion:168 Resp: 180960
Ion Ratio Lower Upper
168 100
99 60.2 45.2 67.8

Manual Integrations
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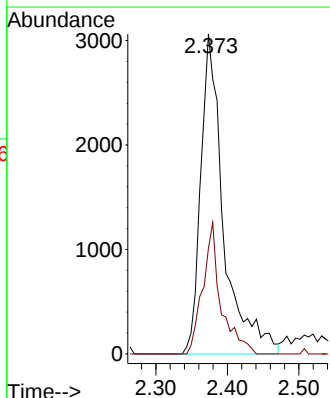
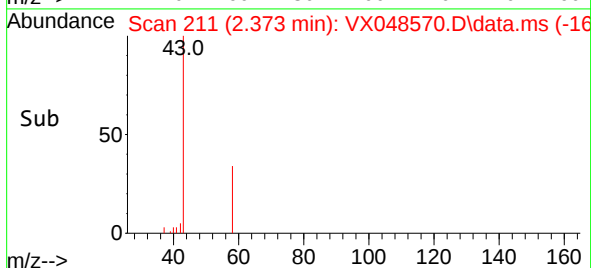
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025

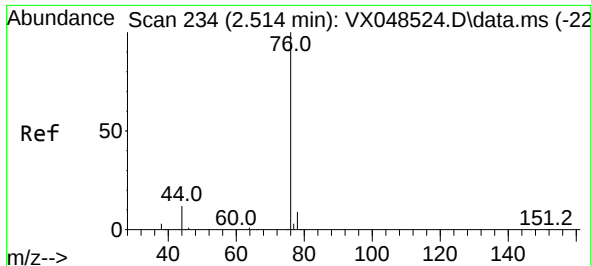


#16
Acetone
Concen: 5.708 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 43 Resp: 6813
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6





#17

Carbon Disulfide

Concen: 0.262 ug/l

RT: 2.526 min Scan# 21

Delta R.T. 0.012 min

Lab File: VX048570.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

304641-01 Liquid

Tgt Ion: 76 Resp: 155

Ion Ratio Lower Upper

76 100

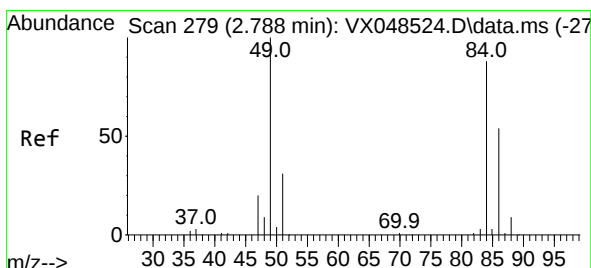
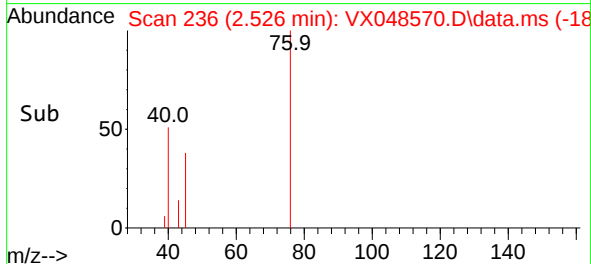
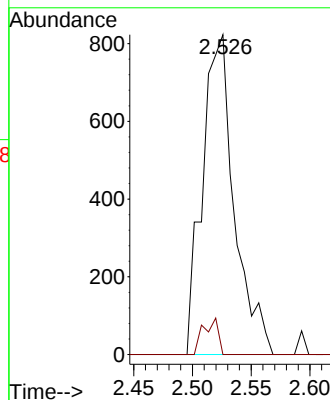
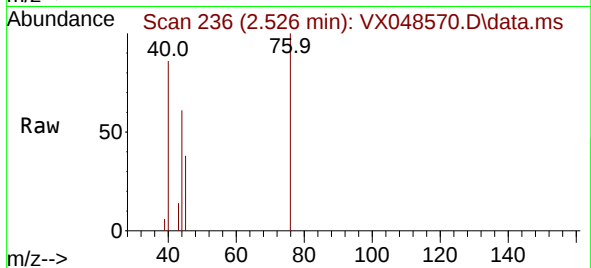
78 0.0 7.1 10.7

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#20

Methylene Chloride

Concen: 0.327 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX048570.D

Acq: 12 Nov 2025 11:59

Tgt Ion: 84 Resp: 803

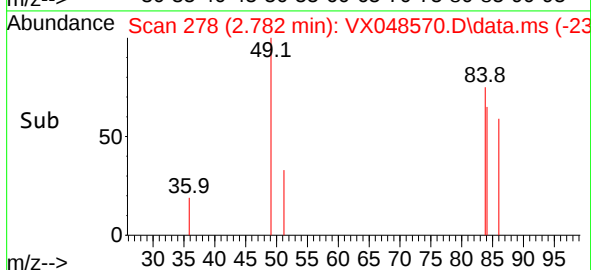
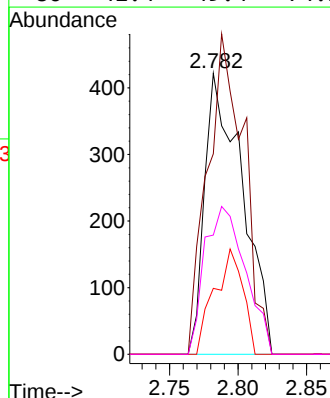
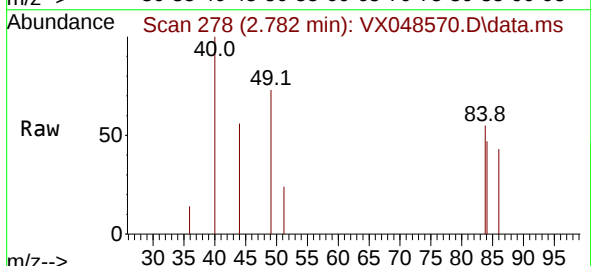
Ion Ratio Lower Upper

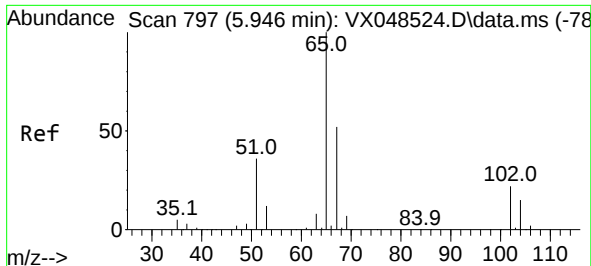
84 100

49 71.3 91.2 136.8#

51 23.5 28.3 42.5#

86 42.4 49.4 74.2#





#33

1,2-Dichloroethane-d4

Concen: 55.003 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX048570.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

304641-01 Liquid

Tgt Ion: 65 Resp: 13869

Ion Ratio Lower Upper

65 100

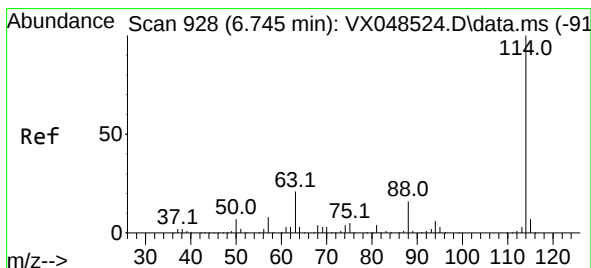
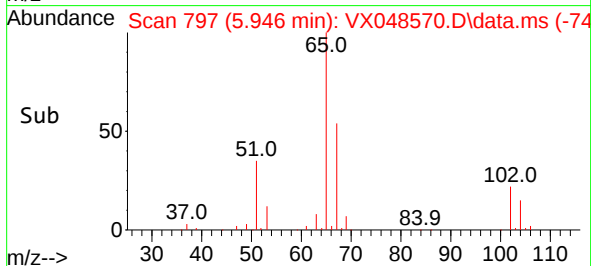
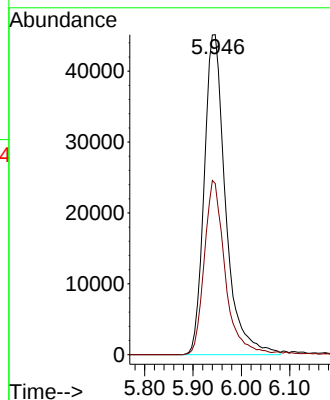
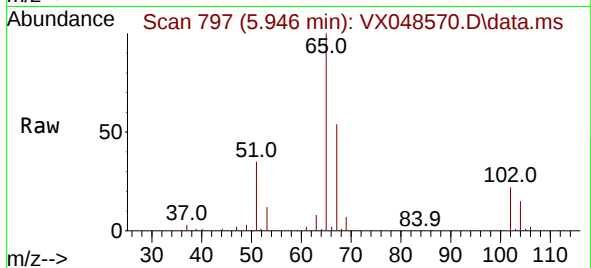
67 52.9 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048570.D

Acq: 12 Nov 2025 11:59

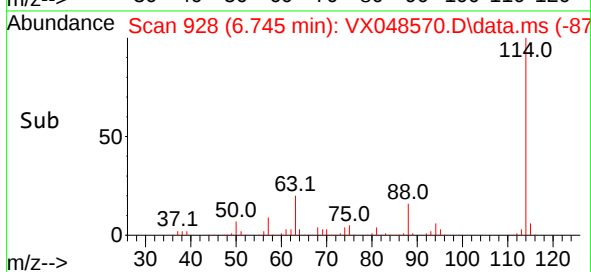
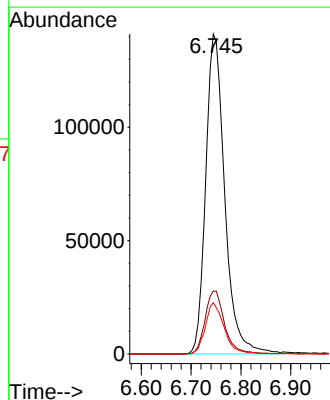
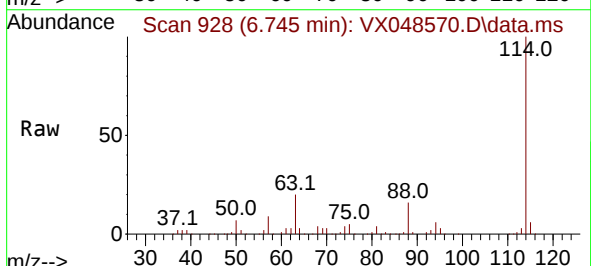
Tgt Ion:114 Resp: 374288

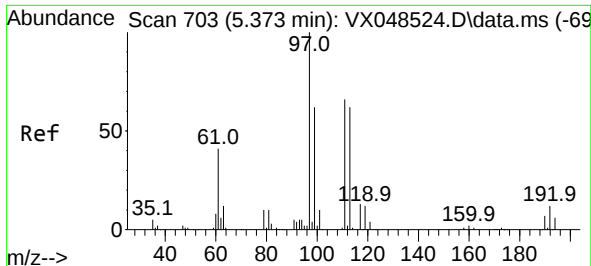
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.2

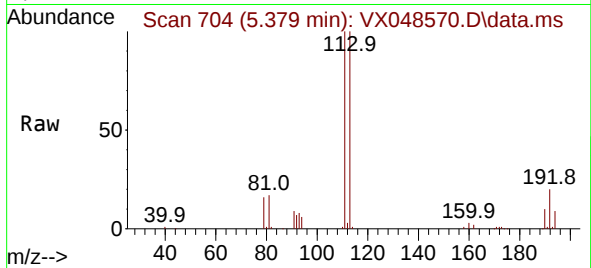
88 16.0 0.0 32.2





#35
Dibromofluoromethane
Concen: 42.857 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

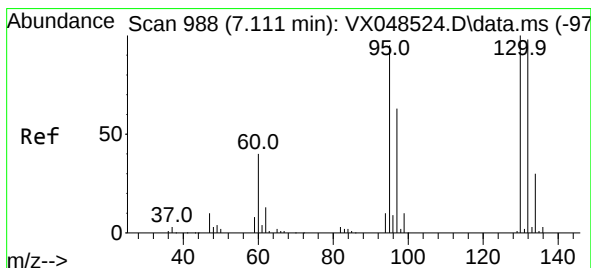
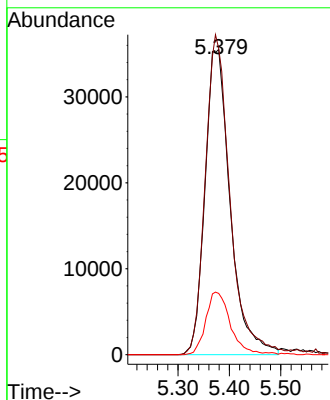
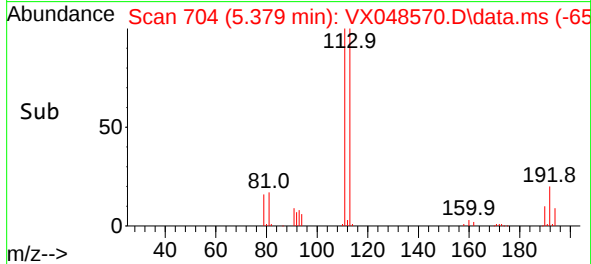
Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid



Tgt Ion:113 Resp: 121400
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.8 15.8 23.6

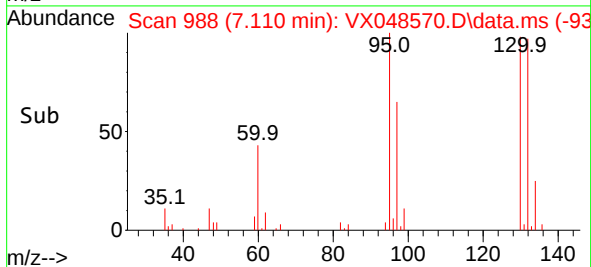
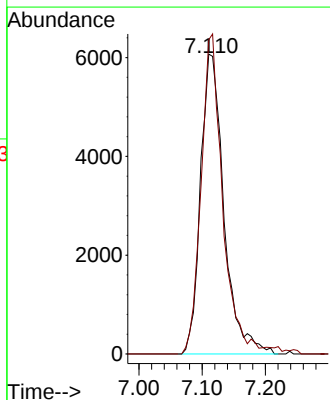
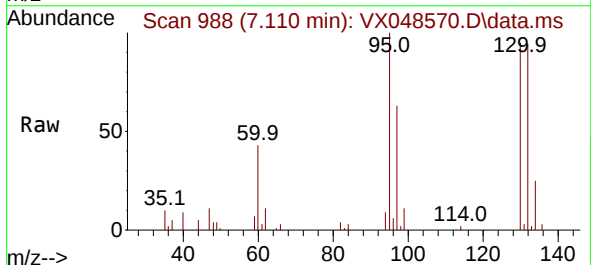
Manual Integrations
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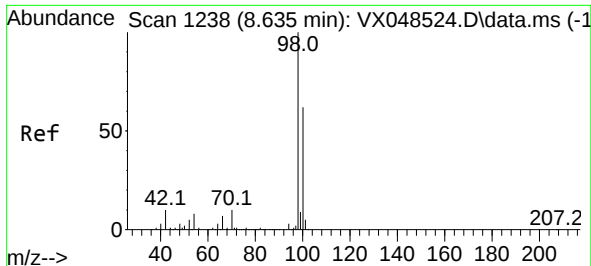
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#44
Trichloroethene
Concen: 5.554 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

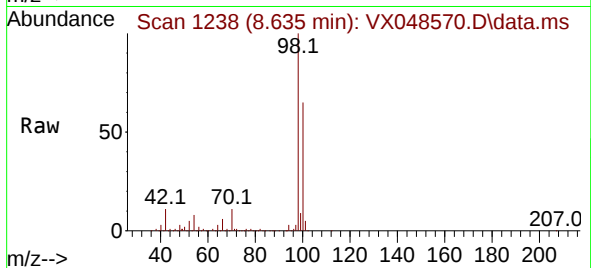
Tgt Ion:130 Resp: 15611
Ion Ratio Lower Upper
130 100
95 104.8 0.0 190.2





#50
Toluene-d8
Concen: 49.555 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

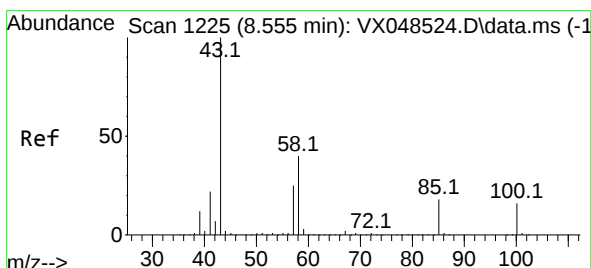
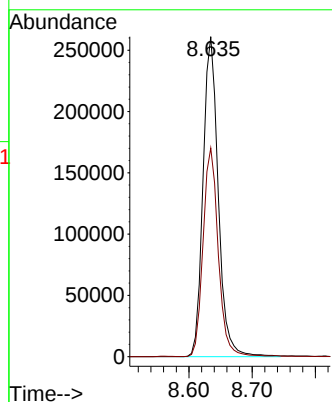
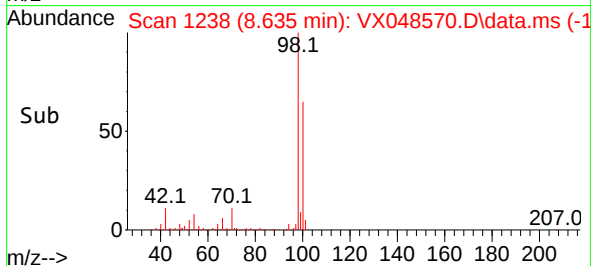
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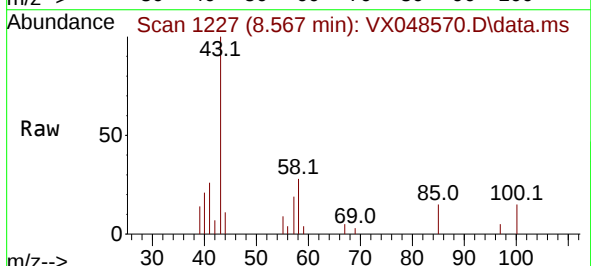
Tgt Ion: 98 Resp: 437830
Ion Ratio Lower Upper
98 100
100 64.8 53.6 80.4

Manual Integrations
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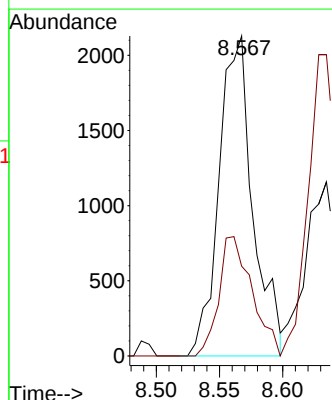
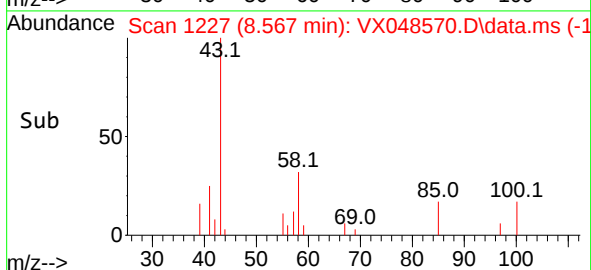
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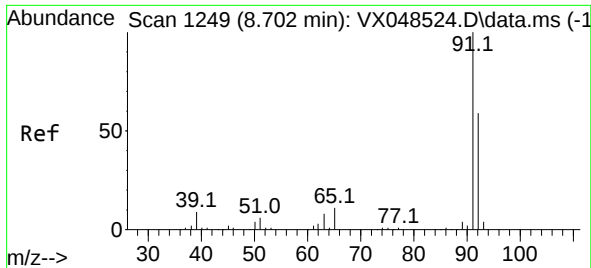


#51
4-Methyl-2-Pentanone
Concen: 0.927 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 43 Resp: 3959
Ion Ratio Lower Upper
43 100
58 36.5 32.3 48.5





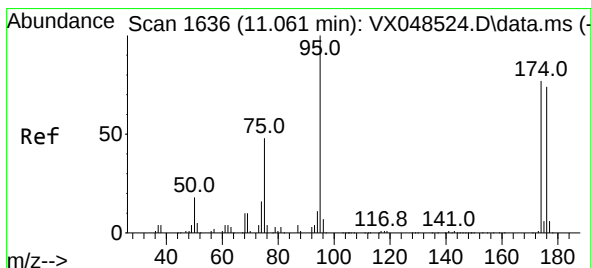
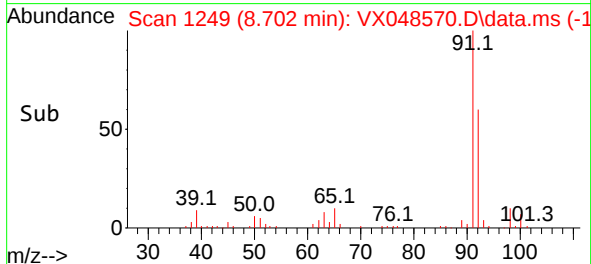
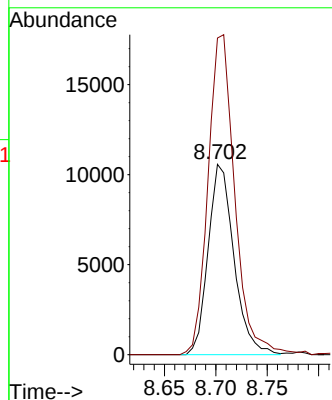
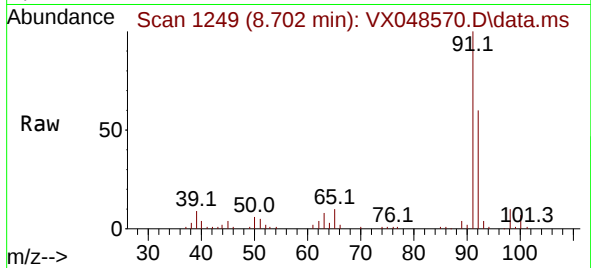
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Toluene
Concen: 2.987 ug/l
RT: 8.702 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 92 Resp: 18494
Ion Ratio Lower Upper
92 100
91 174.4 137.0 205.6

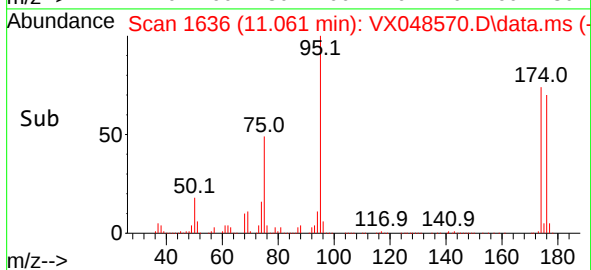
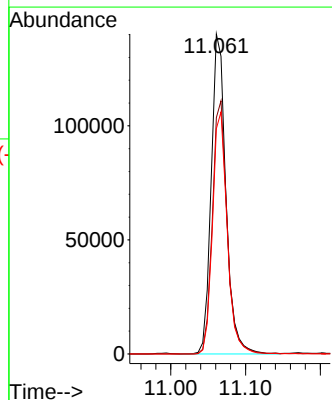
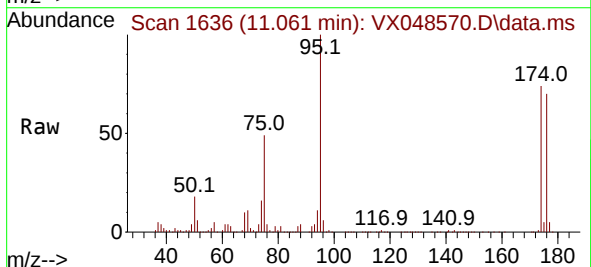
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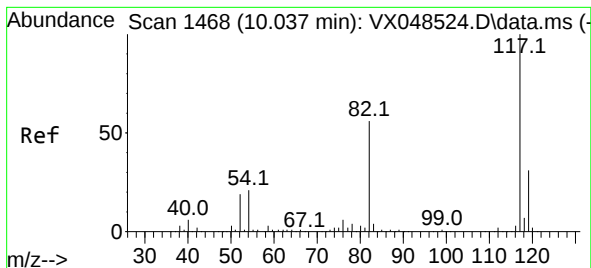
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#62
4-Bromofluorobenzene
Concen: 58.365 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

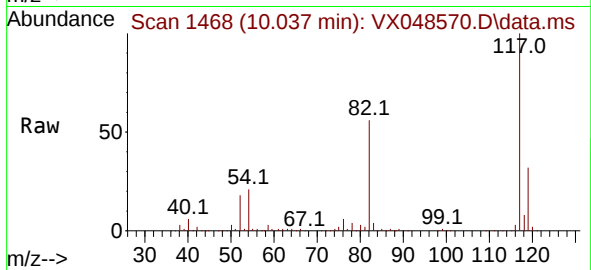
Tgt Ion: 95 Resp: 192170
Ion Ratio Lower Upper
95 100
174 79.9 0.0 161.8
176 75.6 0.0 153.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

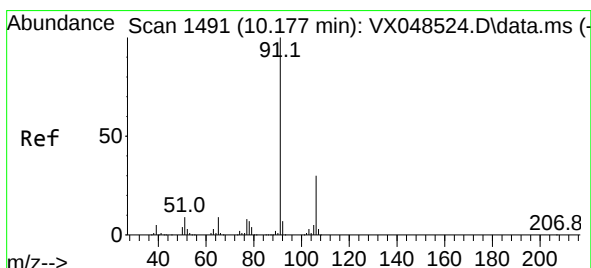
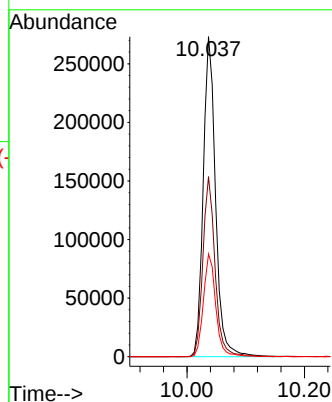
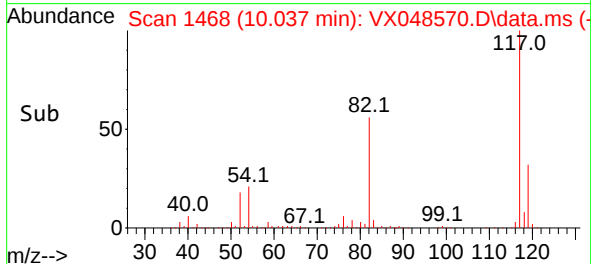
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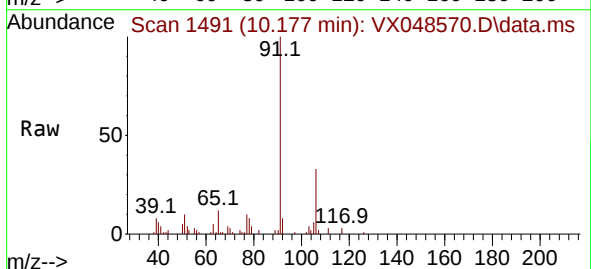
Tgt Ion:117 Resp: 39897
Ion Ratio Lower Upper
117 100
82 56.2 44.4 66.6
119 32.1 25.1 37.7

Manual Integrations
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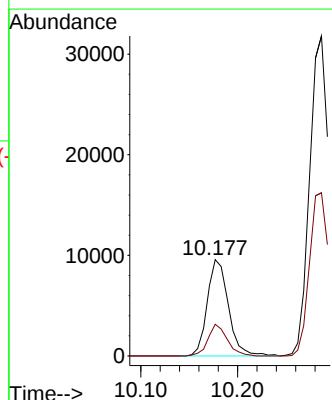
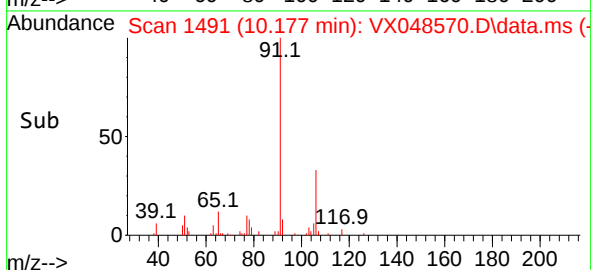
Reviewed By :John Carlone 11/14/2025
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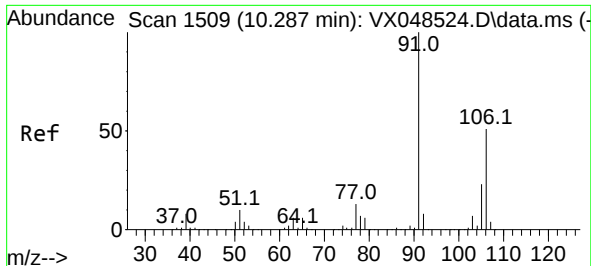


#67
Ethyl Benzene
Concen: 0.917 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59



Tgt Ion: 91 Resp: 14586
Ion Ratio Lower Upper
91 100
106 32.9 24.1 36.1





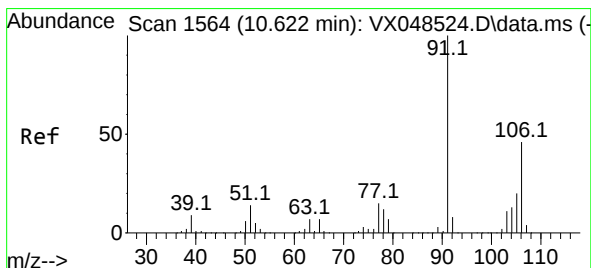
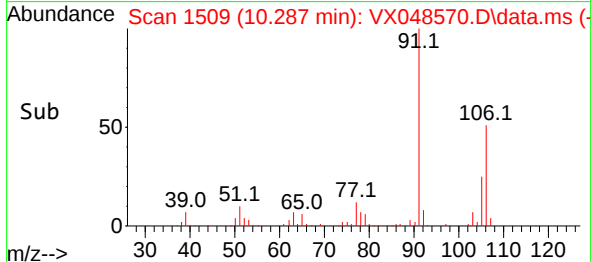
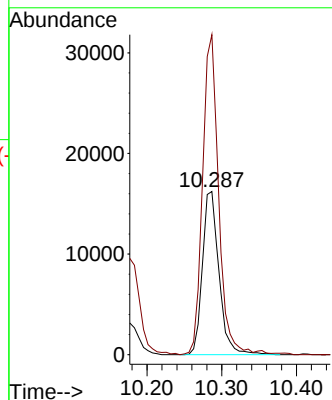
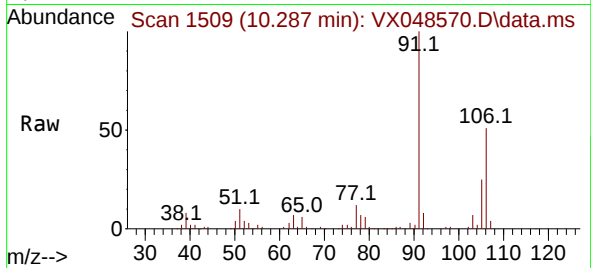
#68
m/p-Xylenes
Concen: 4.164 ug/l
RT: 10.287 min Scan# 1509
Delta R.T. -0.000 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

Instrument :
MSVOA_X
ClientSampleId :
304641-01 Liquid

Tgt Ion:106 Resp: 2494
Ion Ratio Lower Upper
106 100
91 190.4 159.6 239.4

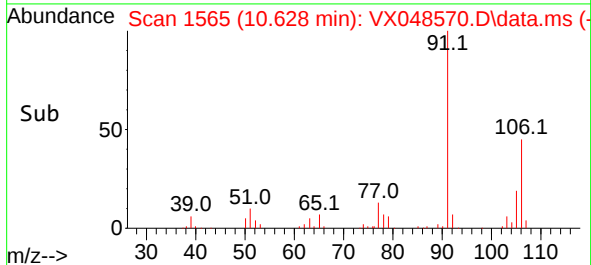
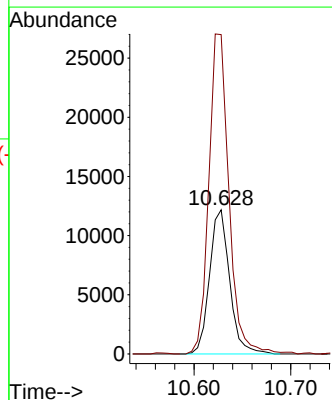
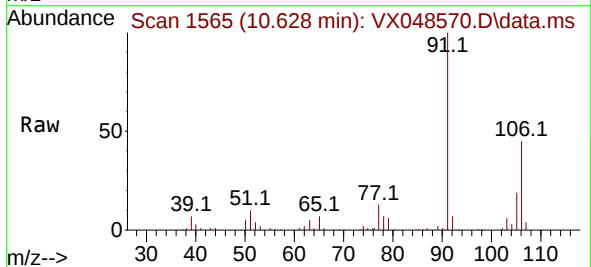
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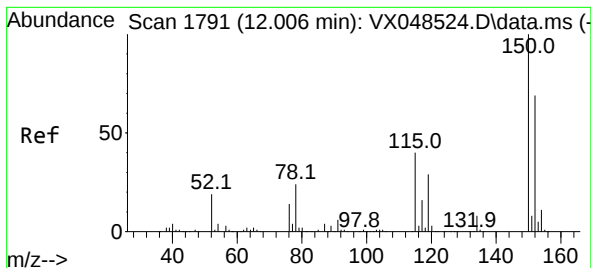
Reviewed By :John Carlone 11/14/2025
Supervised By :Mahesh Dadoda 11/17/2025



#69
o-Xylene
Concen: 3.001 ug/l
RT: 10.628 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VX048570.D
Acq: 12 Nov 2025 11:59

Tgt Ion:106 Resp: 17583
Ion Ratio Lower Upper
106 100
91 222.0 106.4 319.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048570.D

Acq: 12 Nov 2025 11:59

Instrument :

MSVOA_X

ClientSampleId :

304641-01 Liquid

Tgt Ion:152 Resp: 210340

Ion Ratio Lower Upper

152 100

115 58.2 39.2 117.6

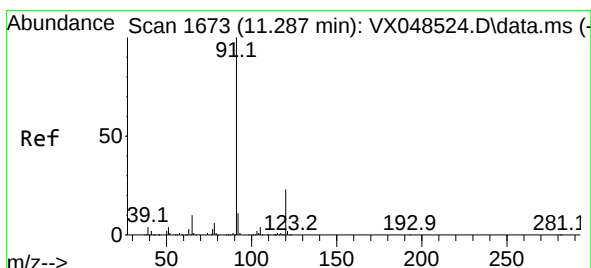
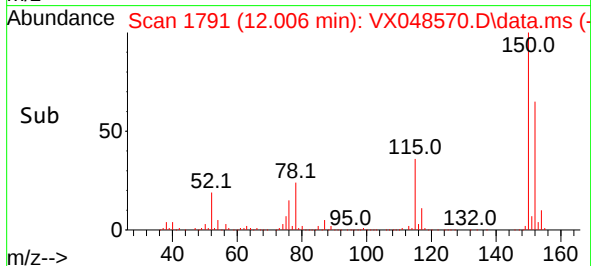
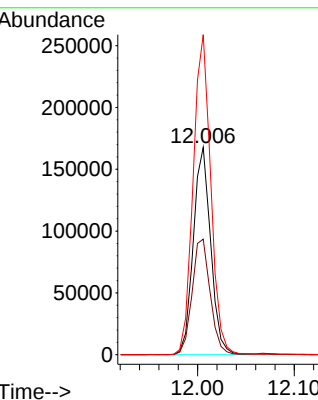
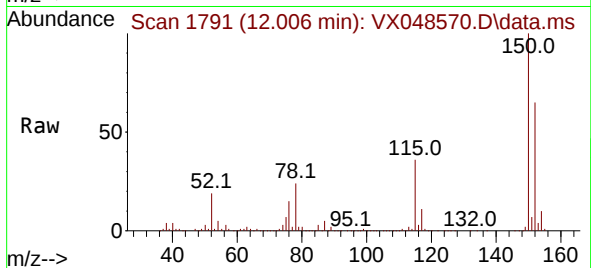
150 155.9 0.0 347.0

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Reviewed By :John Carlone 11/14/2025

Supervised By :Mahesh Dadoda 11/17/2025



#78

n-propylbenzene

Concen: 0.630 ug/l

RT: 11.286 min Scan# 1673

Delta R.T. -0.000 min

Lab File: VX048570.D

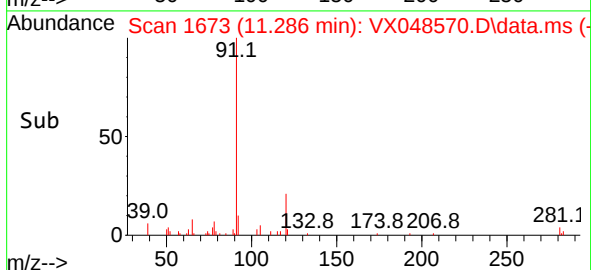
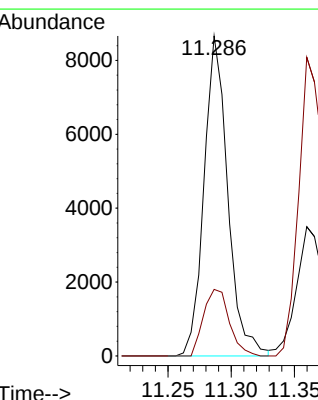
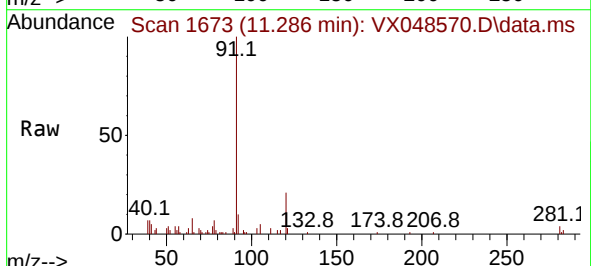
Acq: 12 Nov 2025 11:59

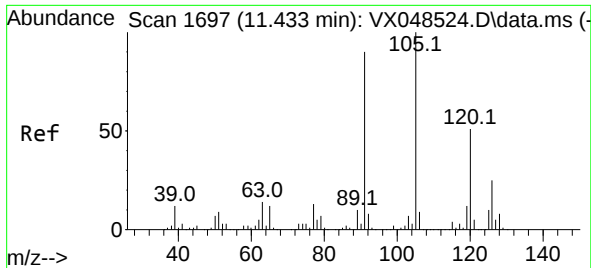
Tgt Ion: 91 Resp: 11305

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8





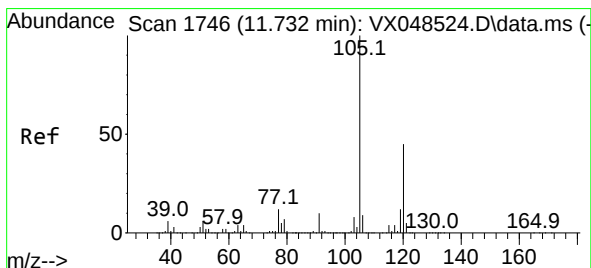
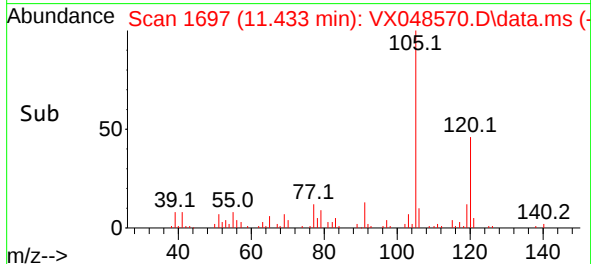
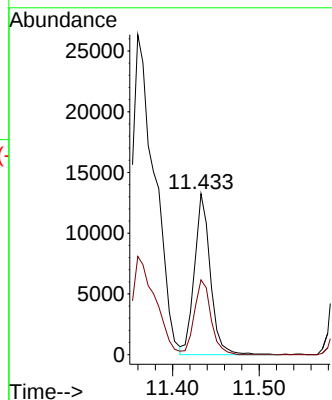
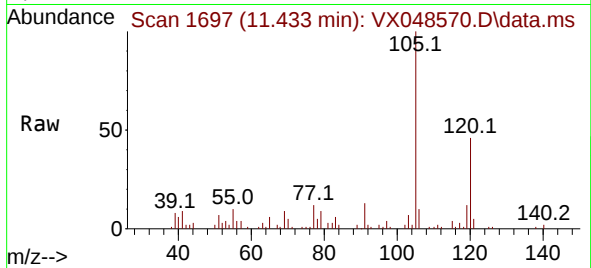
#80
 1,3,5-Trimethylbenzene
 Concen: 1.359 ug/l
 RT: 11.433 min Scan# 1691
 Delta R.T. -0.000 min
 Lab File: VX048570.D
 Acq: 12 Nov 2025 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 304641-01 Liquid

Tgt Ion:105 Resp: 1691
 Ion Ratio Lower Upper
 105 100
 120 48.5 25.1 75.2

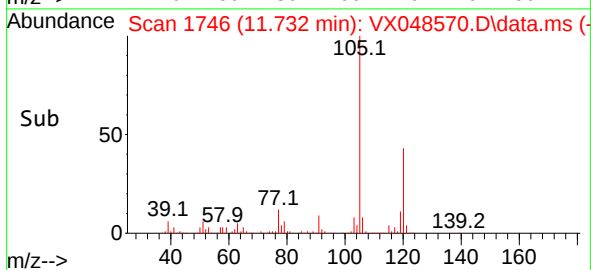
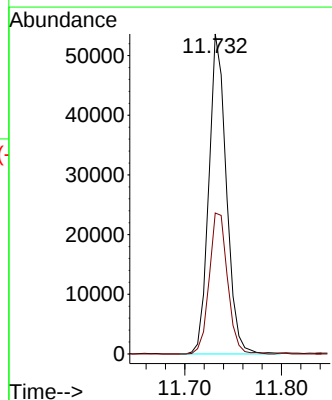
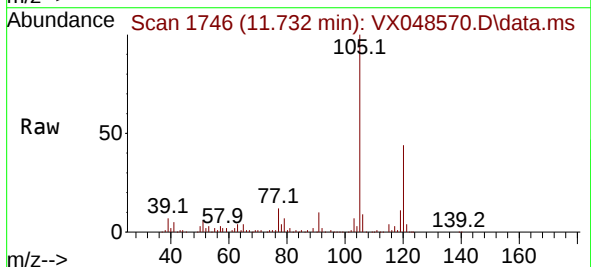
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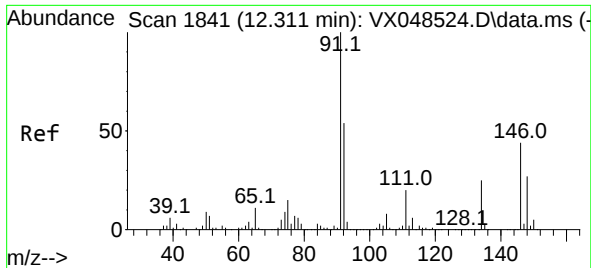
Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 5.376 ug/l
 RT: 11.732 min Scan# 1746
 Delta R.T. -0.000 min
 Lab File: VX048570.D
 Acq: 12 Nov 2025 11:59

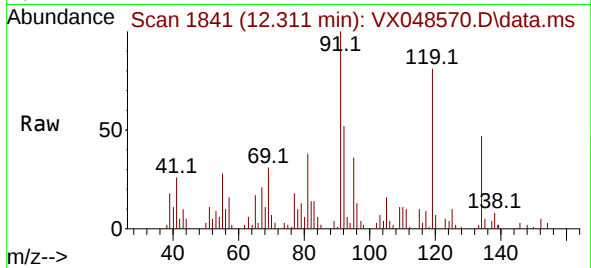
Tgt Ion:105 Resp: 67514
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.4 67.0





#89
 n-Butylbenzene
 Concen: 0.810 ug/l m
 RT: 12.311 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: VX048570.D
 Acq: 12 Nov 2025 11:59

Instrument : MSVOA_X
 ClientSampleId : 304641-01 Liquid



Tgt Ion: 91	Resp: 10159
Ion Ratio	Lower Upper
91	100
92	51.5 27.2 81.5
134	86.6 13.0 39.0

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Reviewed By :John Carlone 11/14/2025
 Supervised By :Mahesh Dadoda 11/17/2025

