

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088209.D
 Acq On : 06 Nov 2025 16:12
 Operator : JC\MD
 Sample : Q3561-05 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1027-D

Quant Time: Nov 07 02:21:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	271246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	625064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	614862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	317717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	303375	64.680	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 129.360%#			
35) Dibromofluoromethane	8.147	113	218969	52.145	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.547	98	801355	49.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.060%			
62) 4-Bromofluorobenzene	12.829	95	335807	58.766	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.540%			
Target Compounds						Qvalue
17) Carbon Disulfide	4.712	76	144503	13.943	ug/l	97
31) Cyclohexane	8.229	56	16176m	2.464	ug/l	
39) Methylcyclohexane	9.582	83	36398	4.618	ug/l	93
40) Benzene	8.588	78	184102	9.859	ug/l	97
52) Toluene	10.606	92	190551	16.552	ug/l	99
67) Ethyl Benzene	11.941	91	36975	1.509	ug/l	98
68) m/p-Xylenes	12.041	106	77576	8.448	ug/l	97
69) o-Xylene	12.382	106	26524	3.047	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	26725	1.313	ug/l	91
84) 1,2,4-Trimethylbenzene	13.459	105	71963	3.534	ug/l	100

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

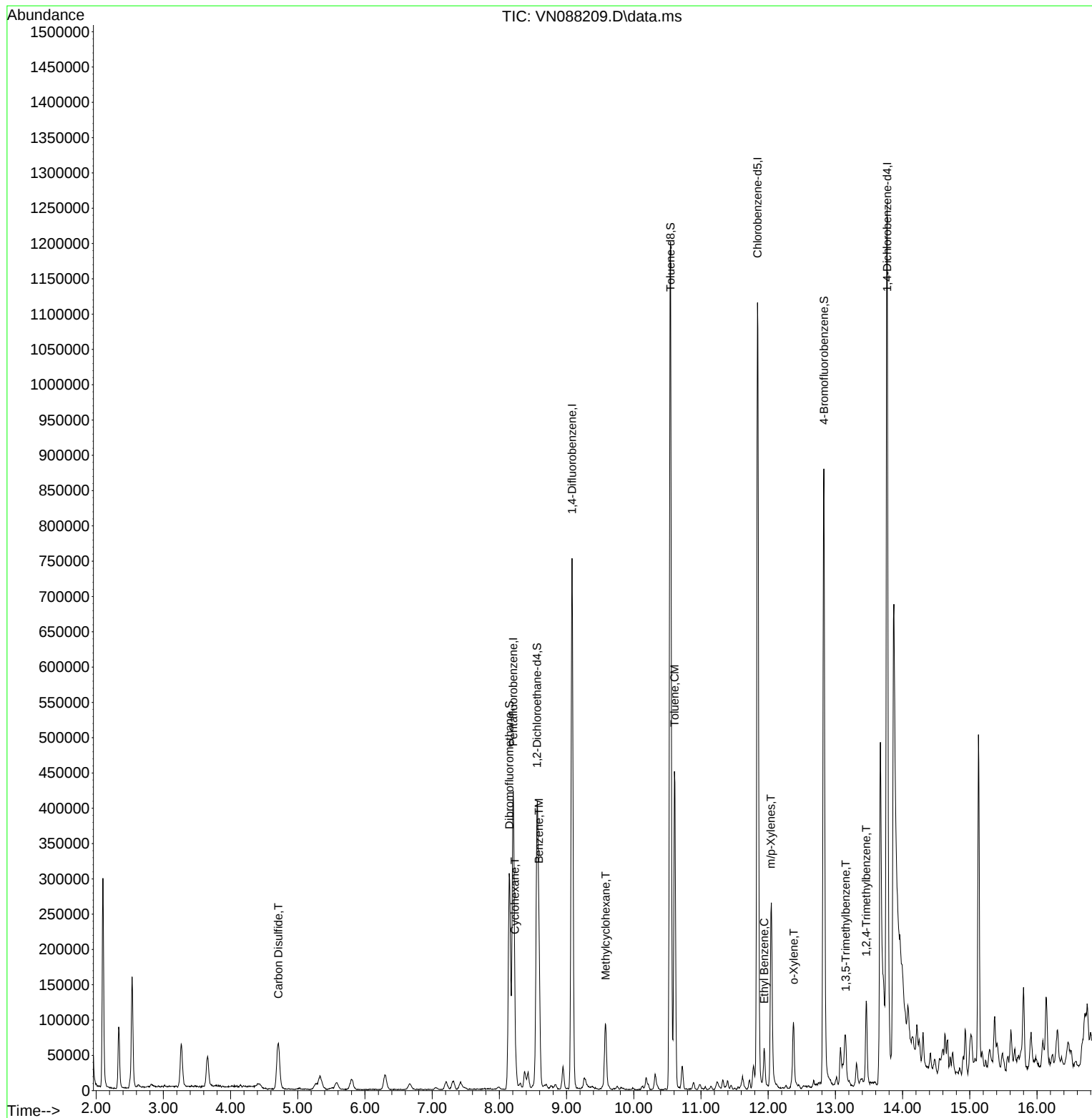
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
Data File : VN088209.D
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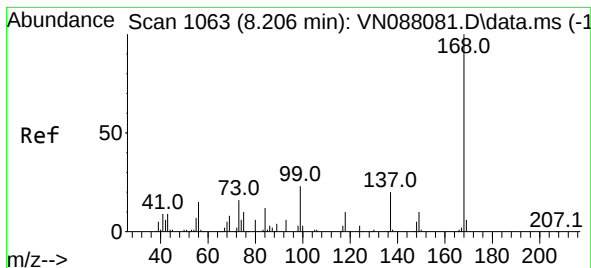
Instrument :
MSVOA_N
ClientSampleId :
1027-D

Quant Time: Nov 07 02:21:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

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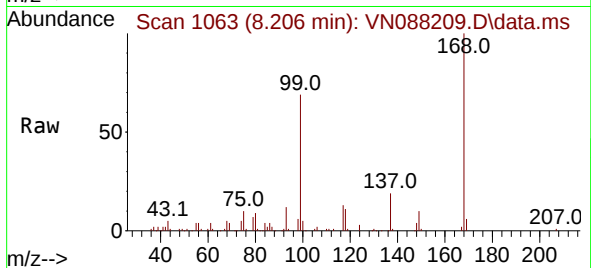
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

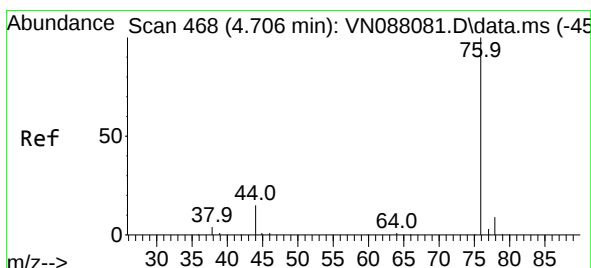
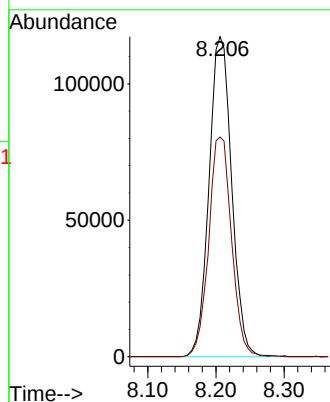
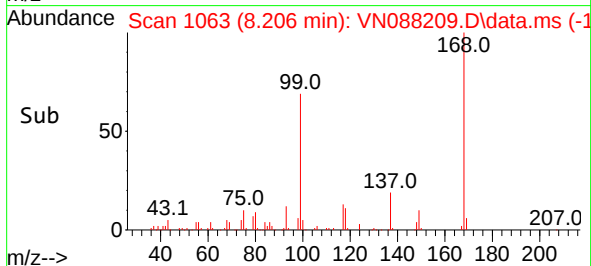
Instrument :
MSVOA_N
ClientSampleId :
1027-D



Tgt Ion:168 Resp: 271240
Ion Ratio Lower Upper
168 100
99 68.7 57.2 85.8

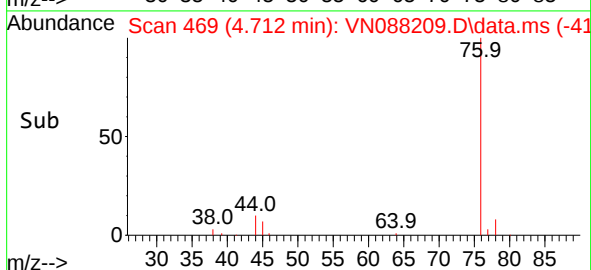
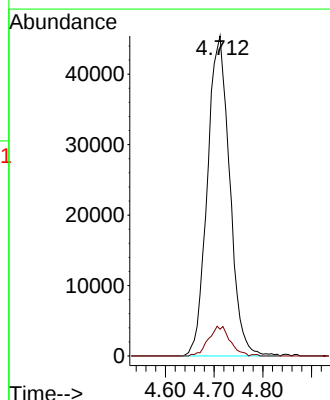
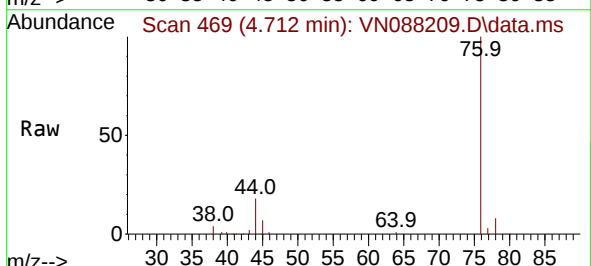
Manual Integrations
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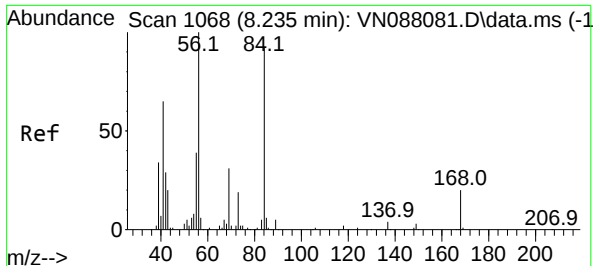
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



#17
Carbon Disulfide
Concen: 13.943 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

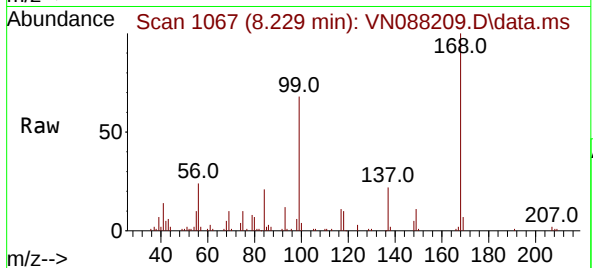
Tgt Ion: 76 Resp: 144503
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4





#31
Cyclohexane
Concen: 2.464 ug/l m
RT: 8.229 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

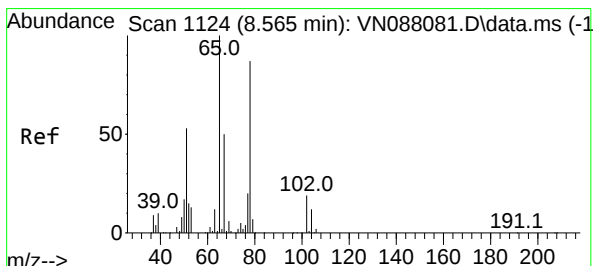
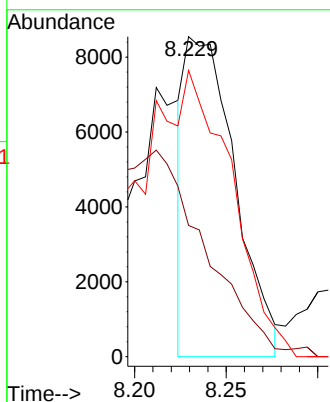
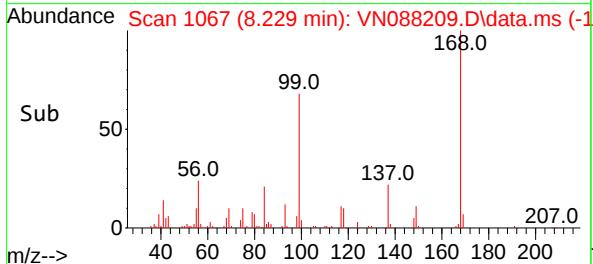
Instrument :
MSVOA_N
ClientSampleId :
1027-D



Tgt Ion: 56 Resp: 16170
Ion Ratio Lower Upper
56 100
69 41.0 23.7 35.5
84 89.4 64.7 97.1

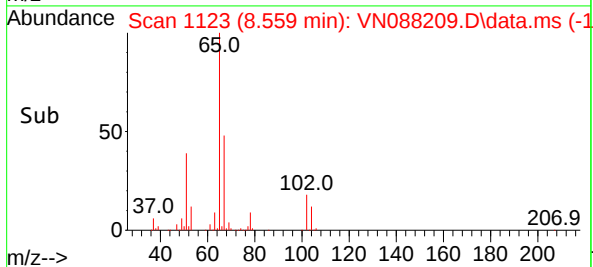
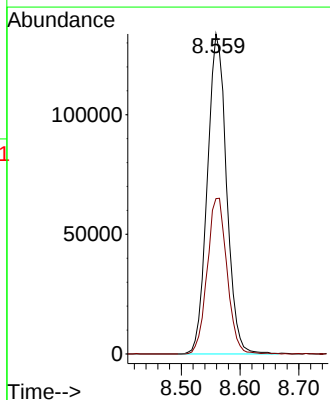
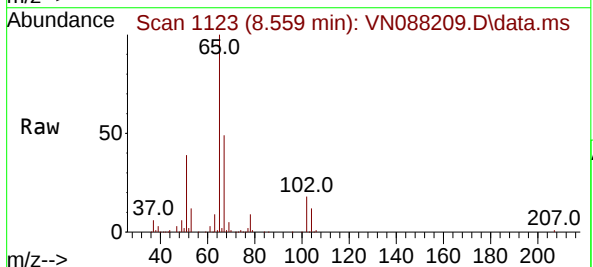
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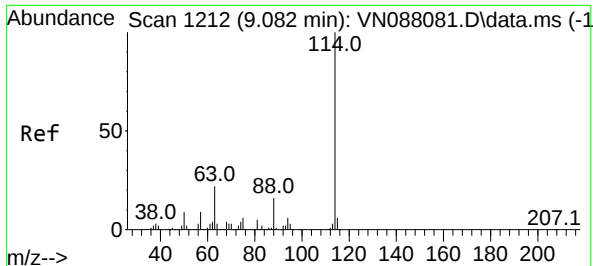
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



#33
1,2-Dichloroethane-d4
Concen: 64.680 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

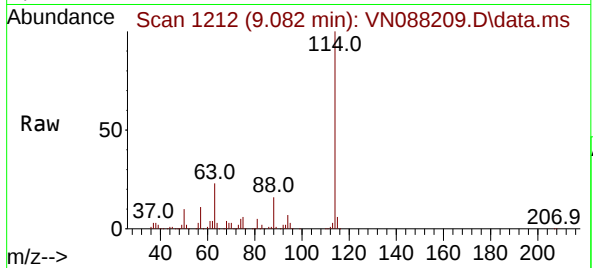
Tgt Ion: 65 Resp: 303375
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

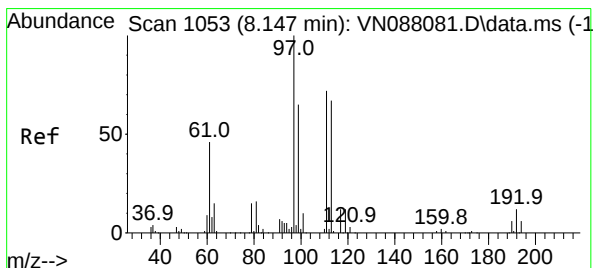
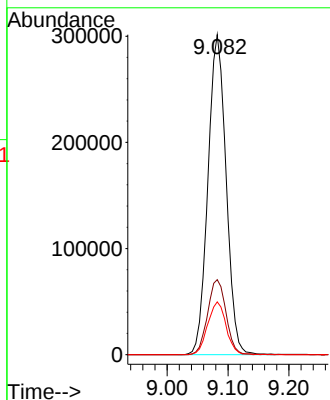
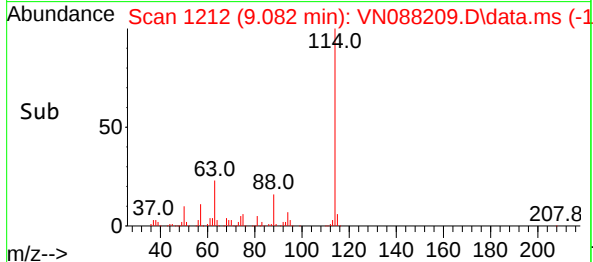
Instrument :
MSVOA_N
ClientSampleId :
1027-D



Tgt Ion:114 Resp: 625064
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.2
88 16.5 0.0 33.4

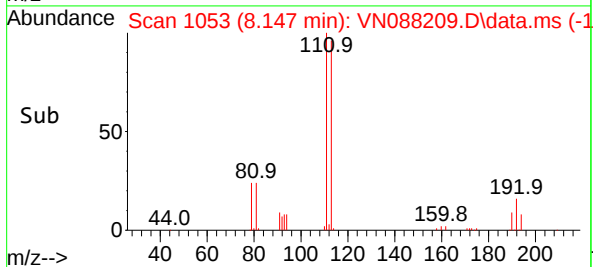
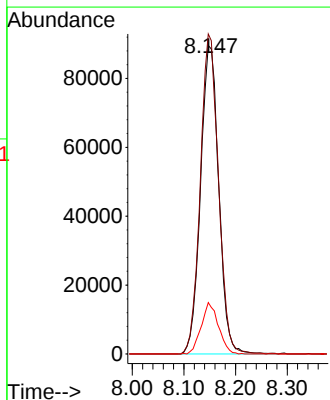
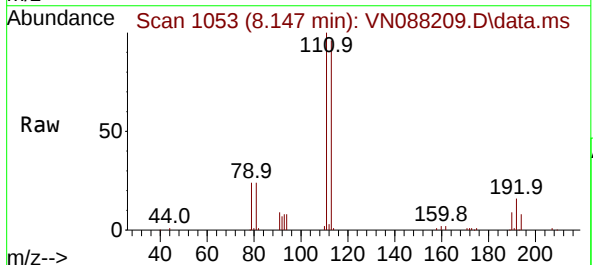
Manual Integrations
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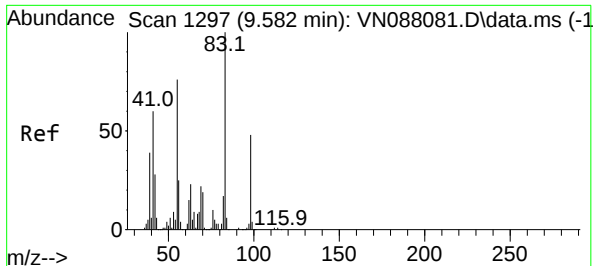
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



#35
Dibromofluoromethane
Concen: 52.145 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

Tgt Ion:113 Resp: 218969
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 15.8 12.8 19.2





#39

Methylcyclohexane

Concen: 4.618 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088209.D

Acq: 06 Nov 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

1027-D

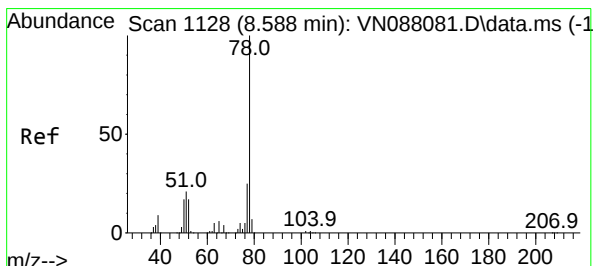
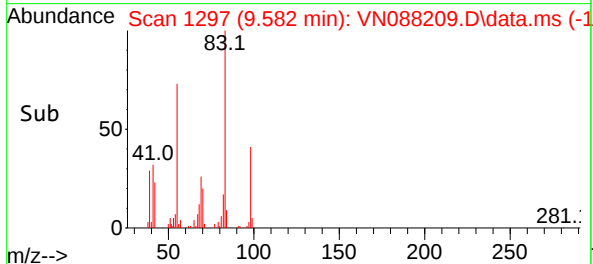
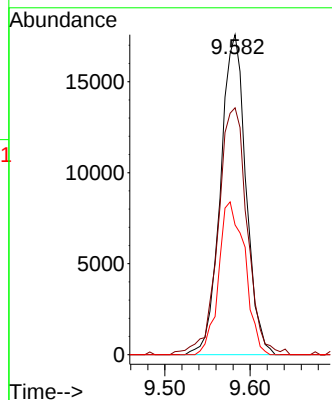
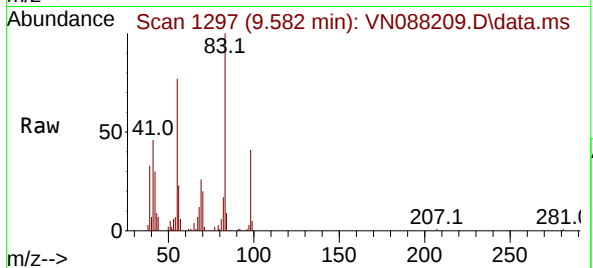
Tgt Ion: 83	Resp: 3639
Ion Ratio	Lower Upper
83 100	
55 76.2	64.6 96.8
98 40.5	38.4 57.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/07/2025



#40

Benzene

Concen: 9.859 ug/l

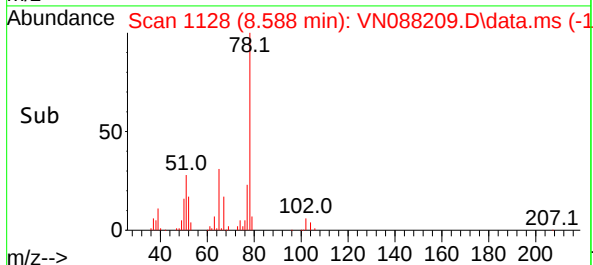
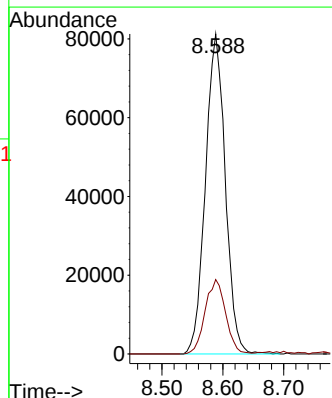
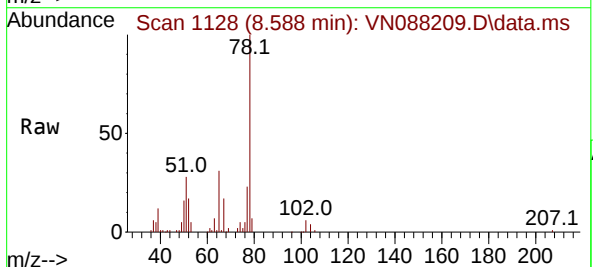
RT: 8.588 min Scan# 1128

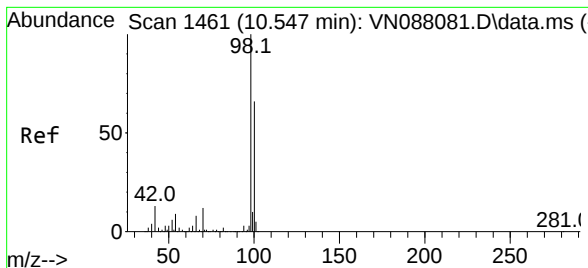
Delta R.T. -0.000 min

Lab File: VN088209.D

Acq: 06 Nov 2025 16:12

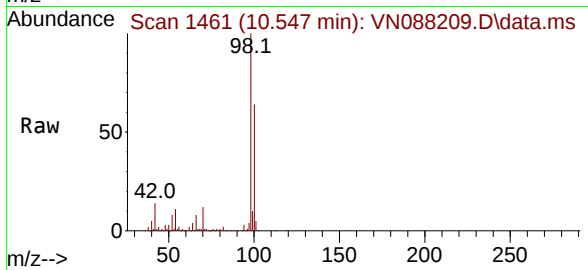
Tgt Ion: 78	Resp: 184102
Ion Ratio	Lower Upper
78 100	
77 23.2	19.7 29.5





#50
Toluene-d8
Concen: 49.527 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

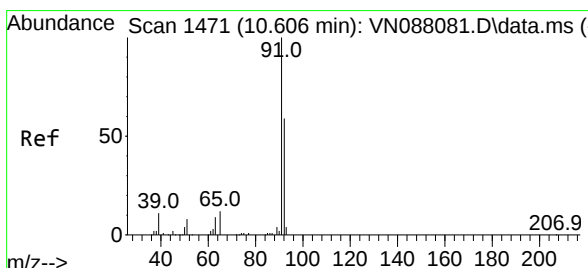
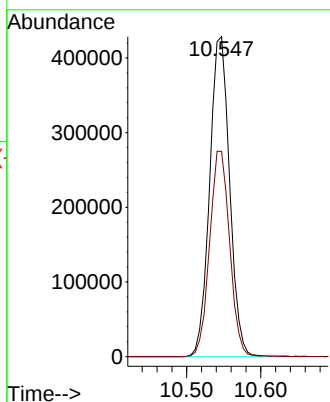
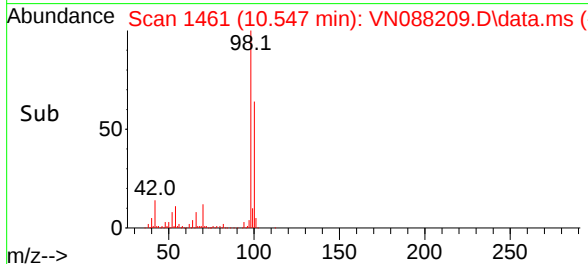
Instrument :
MSVOA_N
ClientSampleId :
1027-D



Tgt Ion: 98 Resp: 80135
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

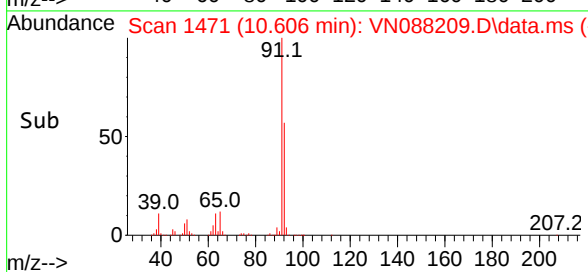
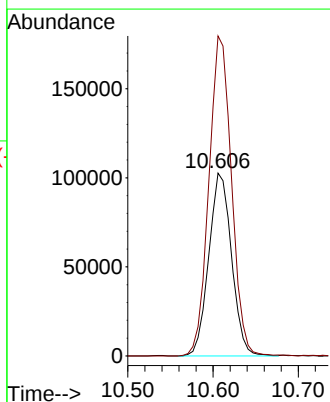
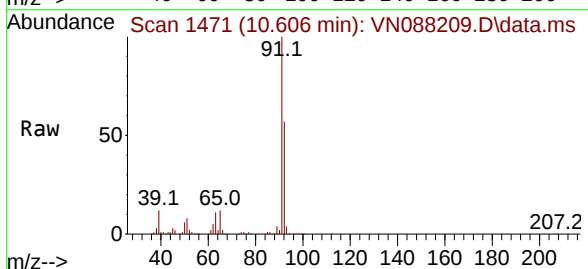
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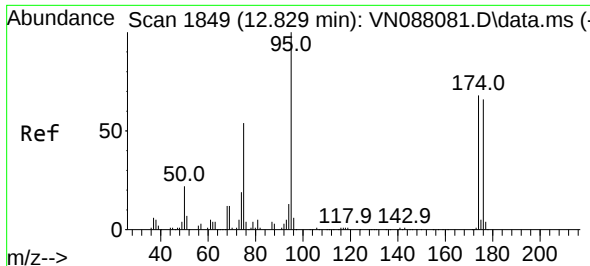
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025



#52
Toluene
Concen: 16.552 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

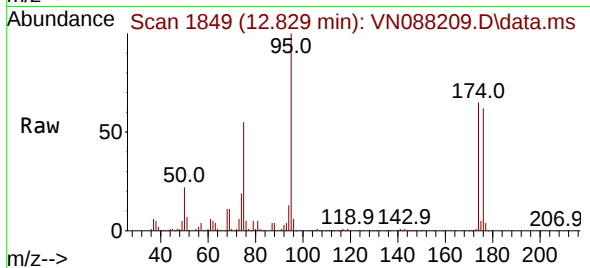
Tgt Ion: 92 Resp: 190551
Ion Ratio Lower Upper
92 100
91 173.8 140.4 210.6





#62
4-Bromofluorobenzene
Concen: 58.766 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

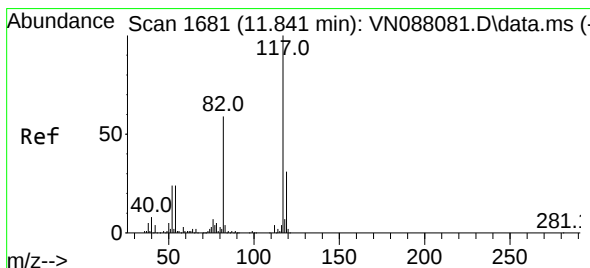
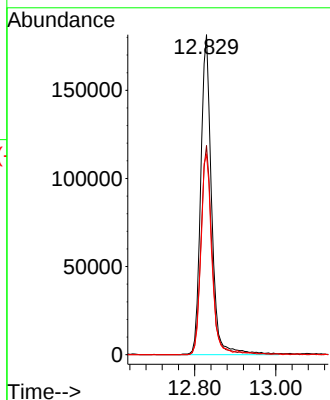
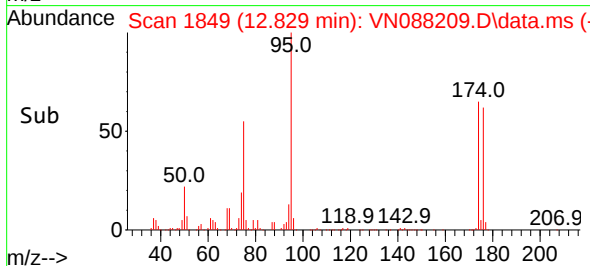
Instrument :
MSVOA_N
ClientSampleId :
1027-D



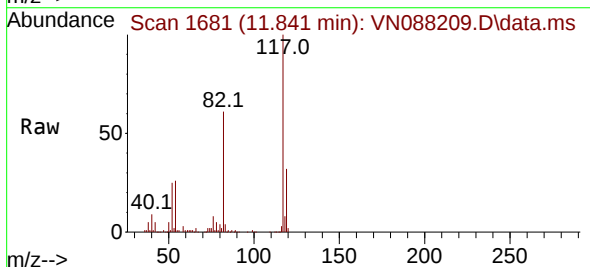
Tgt Ion: 95 Resp: 33580
Ion Ratio Lower Upper
95 100
174 65.7 0.0 138.4
176 62.5 0.0 132.6

Manual Integrations
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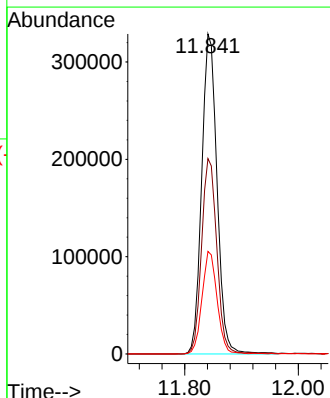
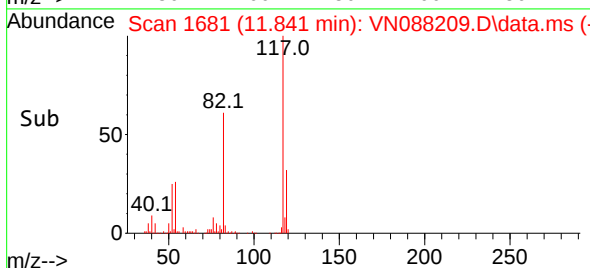
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

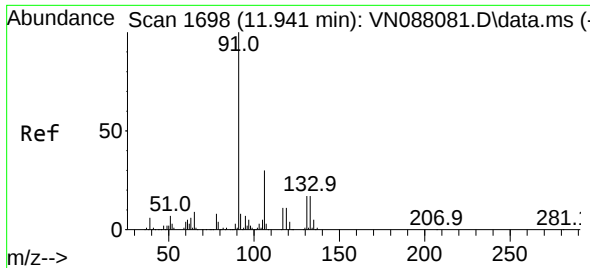


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12



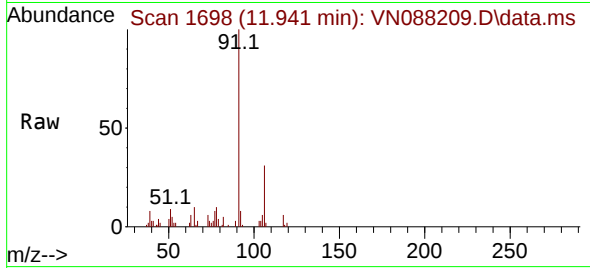
Tgt Ion:117 Resp: 614862
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 32.1 24.3 36.5





#67
Ethyl Benzene
Concen: 1.509 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12

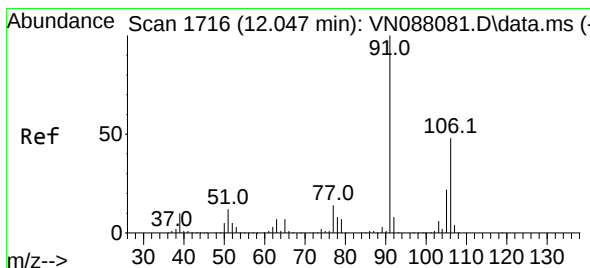
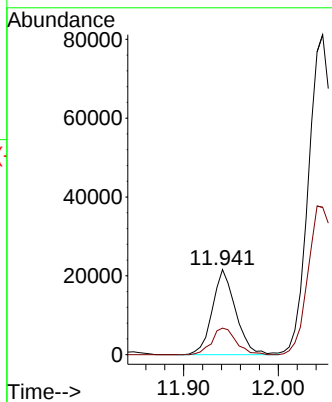
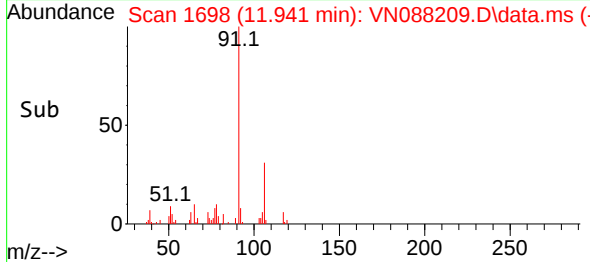
Instrument :
MSVOA_N
ClientSampleId :
1027-D



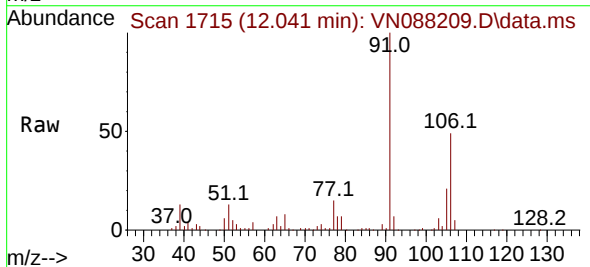
Tgt Ion: 91 Resp: 36975
Ion Ratio Lower Upper
91 100
106 31.2 24.1 36.1

Manual Integrations
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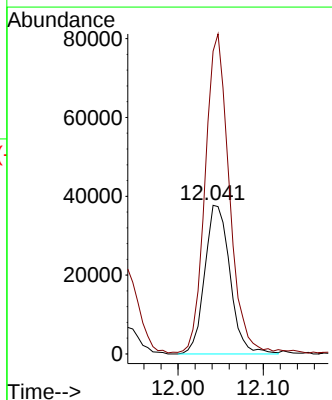
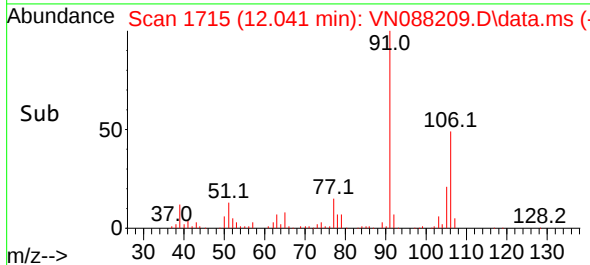
Reviewed By :Amit Patel 11/07/2025
Supervised By :Mahesh Dadoda 11/07/2025

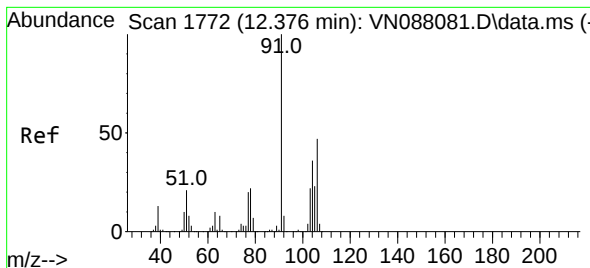


#68
m/p-Xylenes
Concen: 8.448 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VN088209.D
Acq: 06 Nov 2025 16:12



Tgt Ion:106 Resp: 77576
Ion Ratio Lower Upper
106 100
91 206.8 169.3 253.9





#69

o-Xylene

Concen: 3.047 ug/l

RT: 12.382 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088209.D

Acq: 06 Nov 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

1027-D

Tgt Ion:106 Resp: 26524

Ion Ratio Lower Upper

106 100

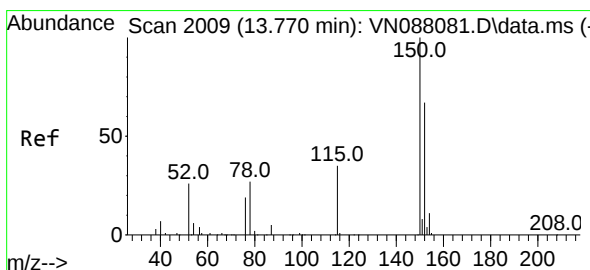
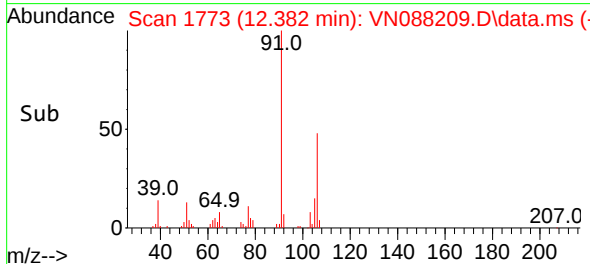
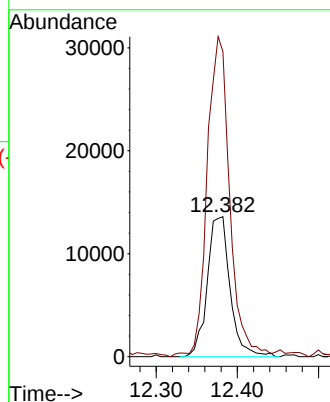
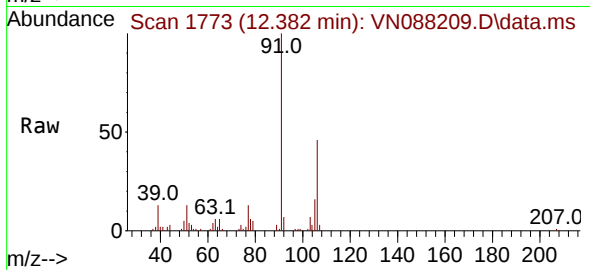
91 225.7 111.4 334.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 11/07/2025

Supervised By :Mahesh Dadoda 11/07/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088209.D

Acq: 06 Nov 2025 16:12

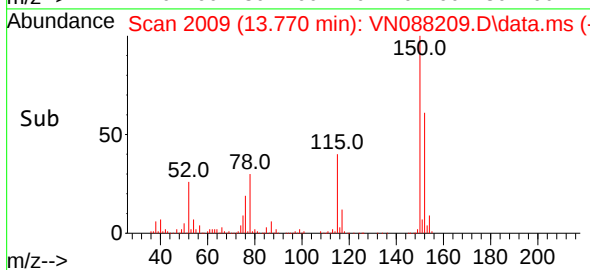
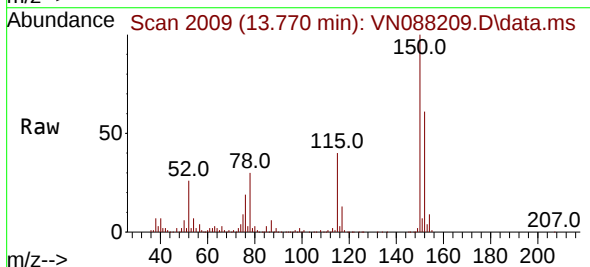
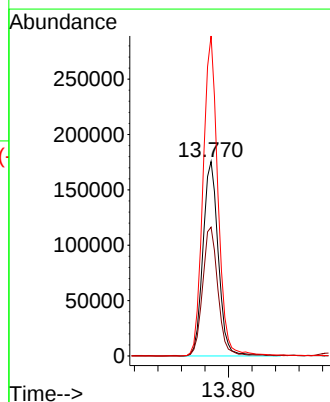
Tgt Ion:152 Resp: 317717

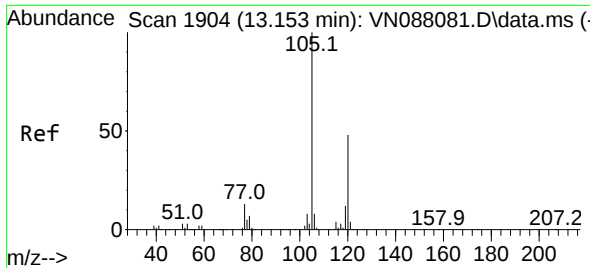
Ion Ratio Lower Upper

152 100

115 66.4 32.3 96.8

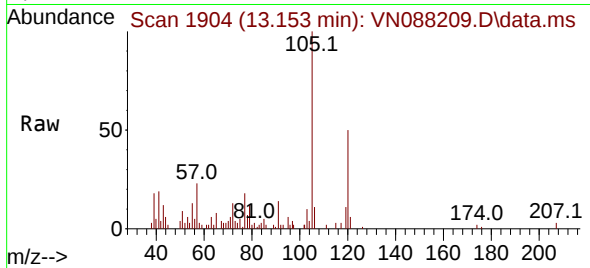
150 160.3 0.0 351.0





#80
 1,3,5-Trimethylbenzene
 Concen: 1.313 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VN088209.D
 Acq: 06 Nov 2025 16:12

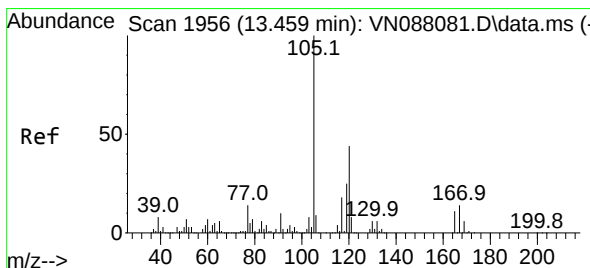
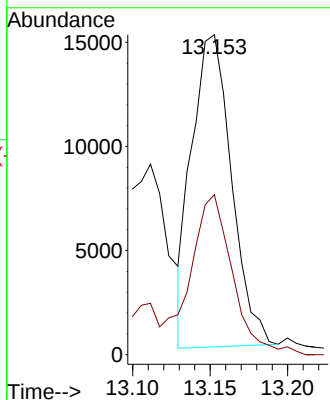
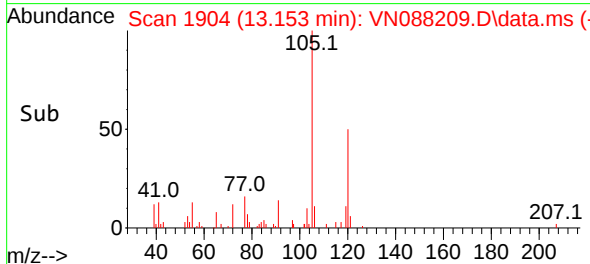
Instrument :
 MSVOA_N
 ClientSampleId :
 1027-D



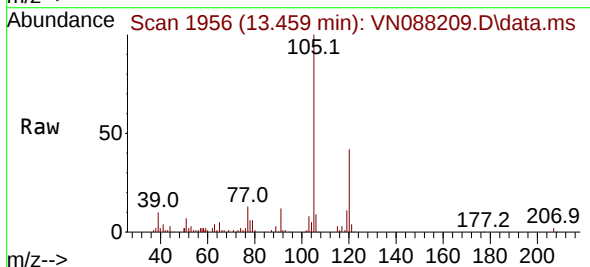
Tgt Ion:105 Resp: 26725
 Ion Ratio Lower Upper
 105 100
 120 52.4 23.2 69.6

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 11/07/2025
 Supervised By :Mahesh Dadoda 11/07/2025



#84
 1,2,4-Trimethylbenzene
 Concen: 3.534 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088209.D
 Acq: 06 Nov 2025 16:12



Tgt Ion:105 Resp: 71963
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.0 66.0

