

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
 Data File : VN087607.D
 Acq On : 20 Aug 2025 11:14
 Operator : JC\MD
 Sample : Q2902-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/21/2025
 Supervised By : Mahesh Dadoda 08/22/2025

Quant Time: Aug 21 02:41:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 06 02:01:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	53651	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	289860	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	254089	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	146454	29.596	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.667%		
60) 4-Bromofluorobenzene	12.829	95	114013	26.074	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	86.900%		
63) Toluene-d8	10.547	98	350710	29.998	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.000%		
Target Compounds						
					Qvalue	
12) Methyl Acetate	5.024	43	19129m	3.528	ug/l	
15) Acetone	4.424	58	225836	333.809	ug/l	95
25) Chloroform	7.947	83	138719	18.843	ug/l	97
41) Bromodichloromethane	9.871	83	22851	3.831	ug/l	98
53) Dibromochloromethane	11.341	129	6730	1.607	ug/l	94

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

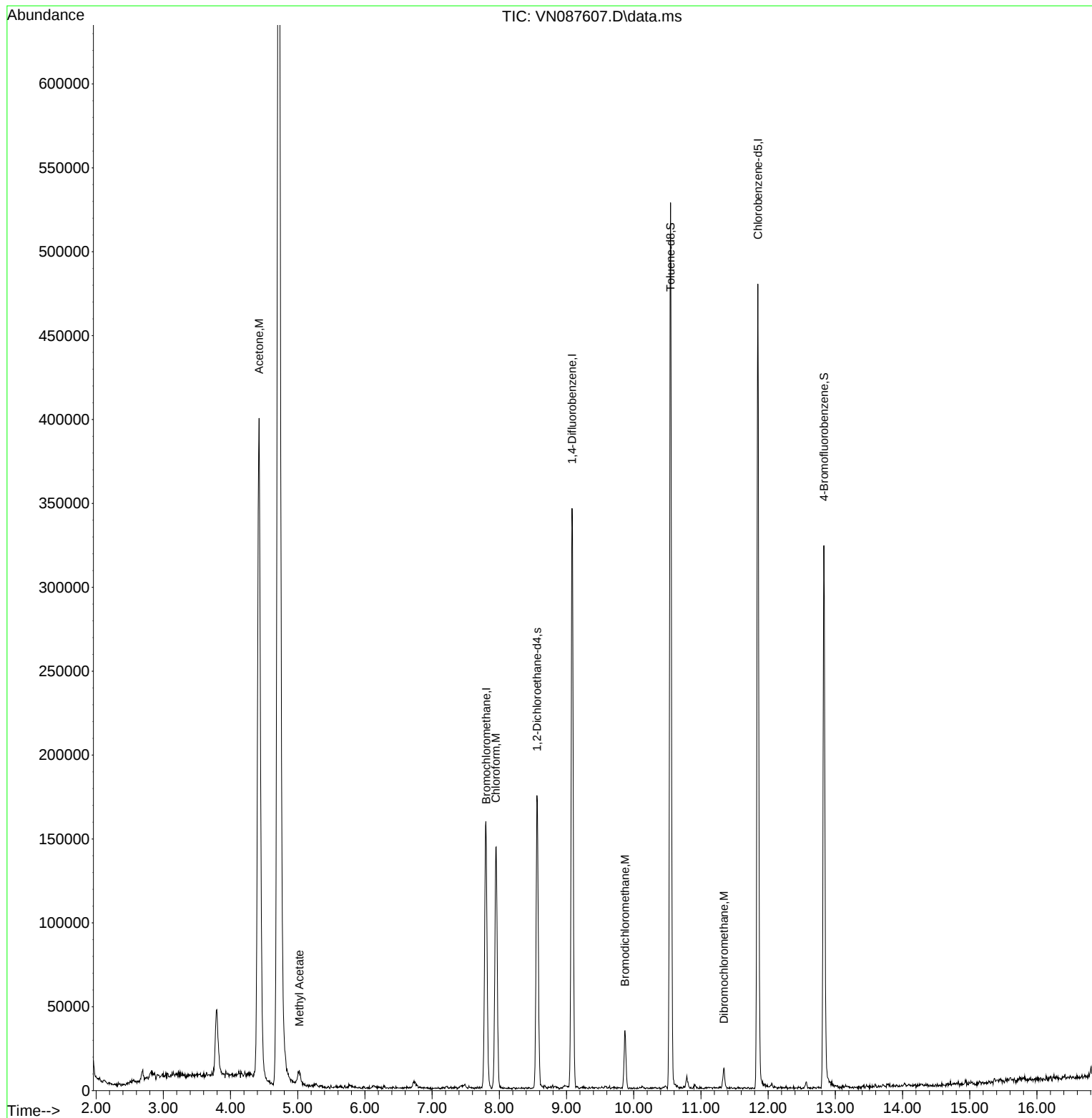
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082025\
Data File : VN087607.D
Acq On : 20 Aug 2025 11:14
Operator : JC\MD
Sample : Q2902-04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Quant Time: Aug 21 02:41:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080525W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Aug 06 02:01:21 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/21/2025
Supervised By : Mahesh Dadoda 08/22/2025





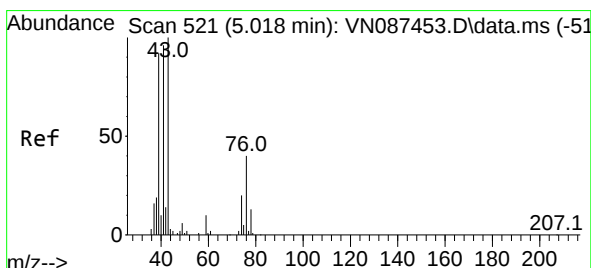
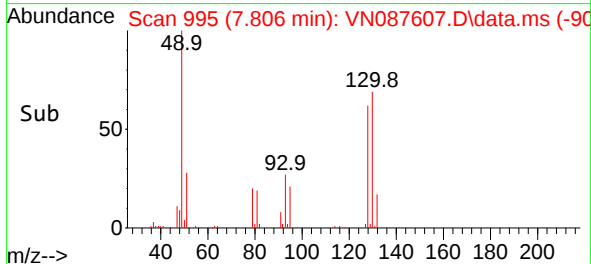
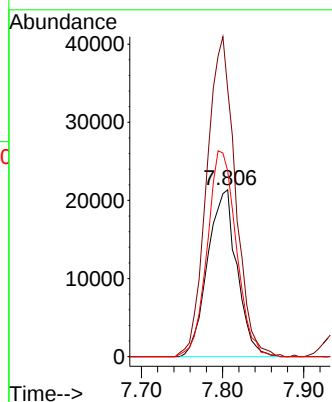
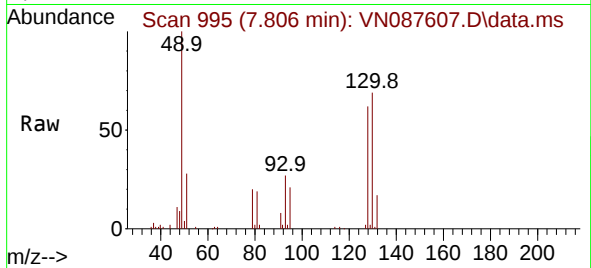
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

Tgt Ion:128 Resp: 5365
Ion Ratio Lower Upper
128 100
49 187.0 0.0 494.8
130 122.2 0.0 321.5

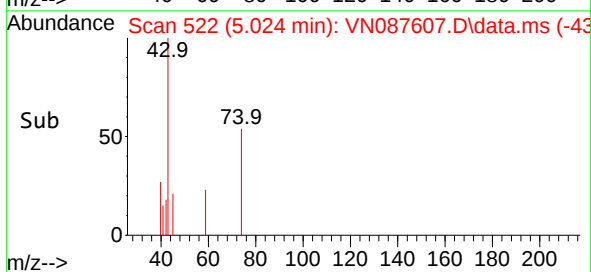
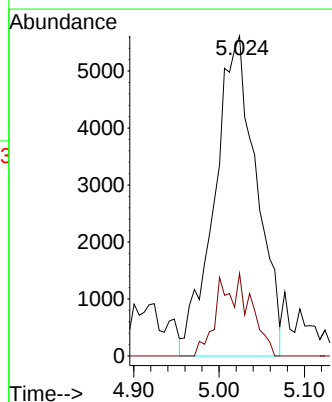
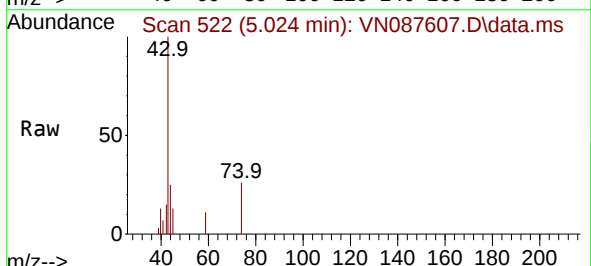
Manual Integrations
APPROVED

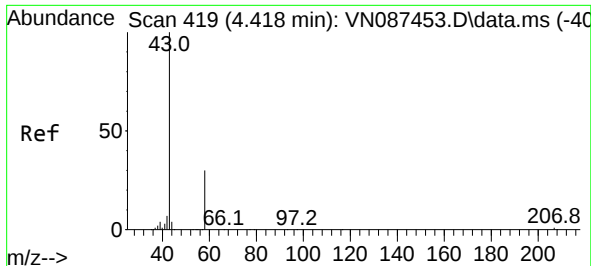
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#12
Methyl Acetate
Concen: 3.528 ug/l m
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

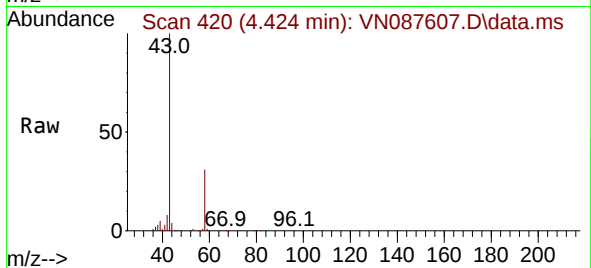
Tgt Ion: 43 Resp: 19129
Ion Ratio Lower Upper
43 100
74 25.8 16.0 24.0#





#15
Acetone
Concen: 333.809 ug/l
RT: 4.424 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

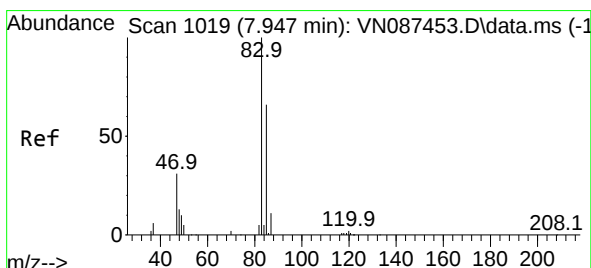
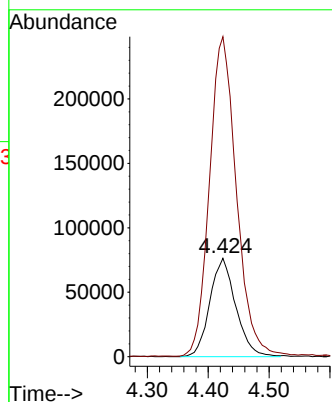
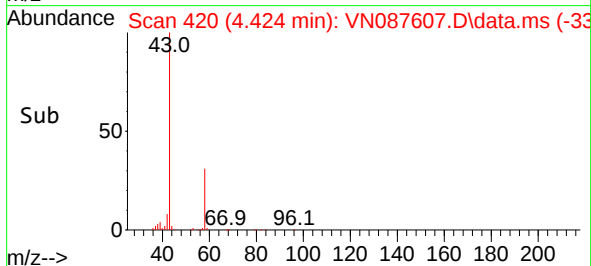
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 58 Resp: 225836
Ion Ratio Lower Upper
58 100
43 324.5 268.9 403.3

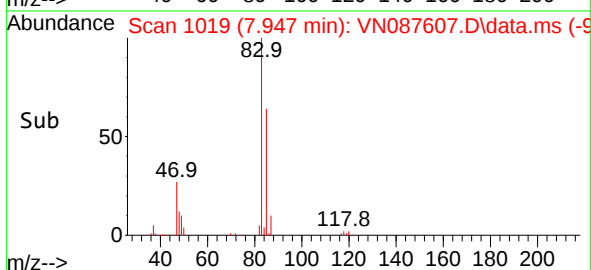
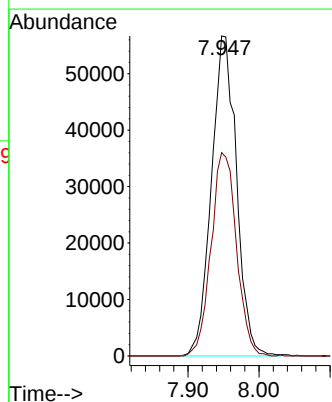
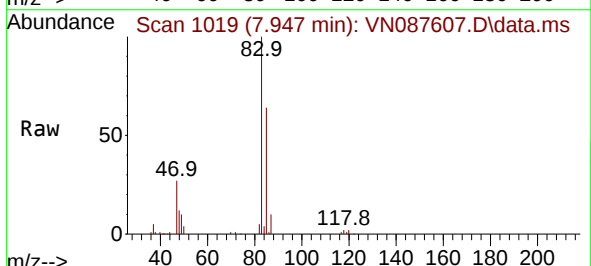
Manual Integrations
APPROVED

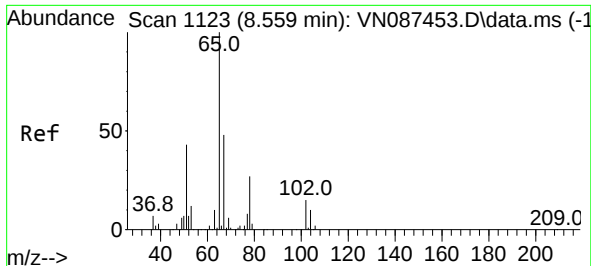
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#25
Chloroform
Concen: 18.843 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

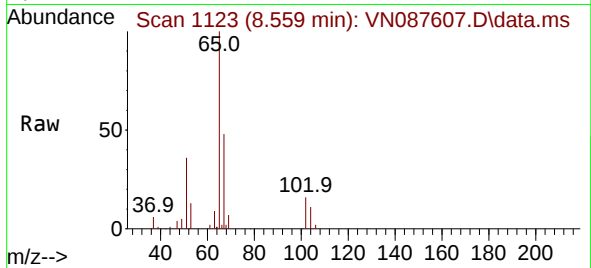
Tgt Ion: 83 Resp: 138719
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8





#27
1,2-Dichloroethane-d4
Concen: 29.596 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

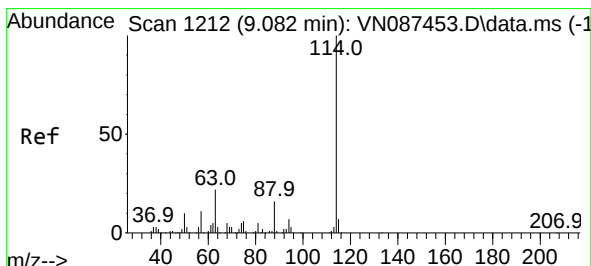
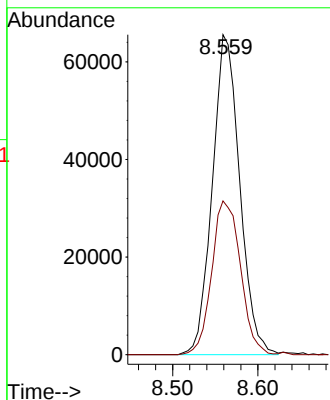
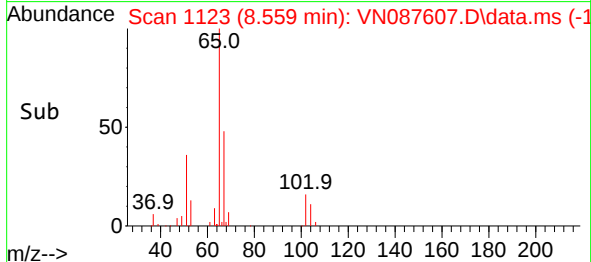
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



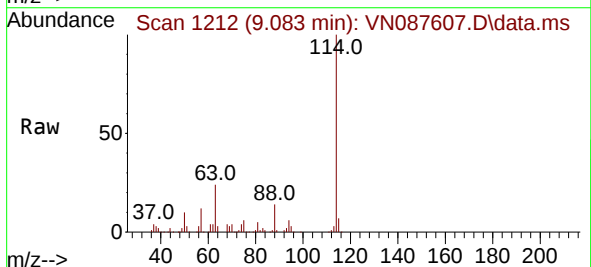
Tgt Ion: 65 Resp: 146454
Ion Ratio Lower Upper
65 100
67 50.4 40.8 61.2

Manual Integrations
APPROVED

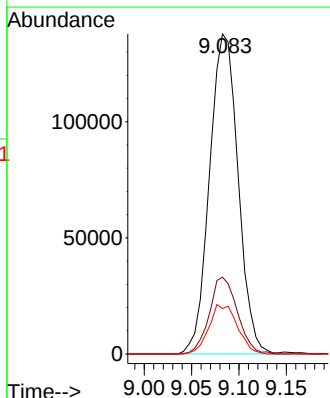
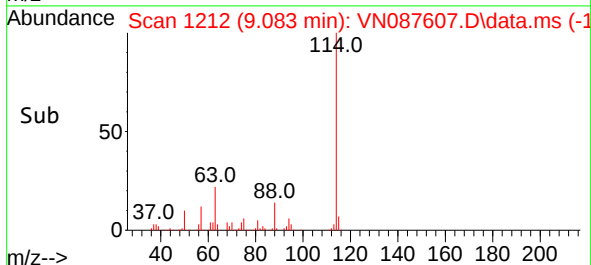
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

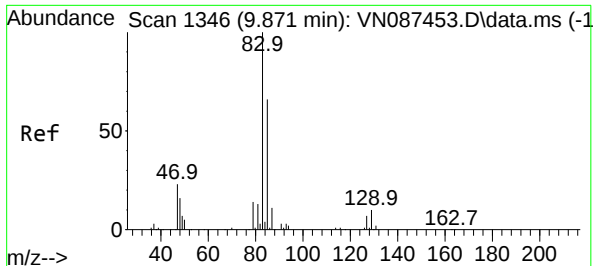


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14



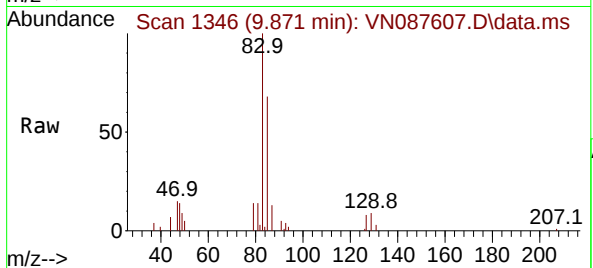
Tgt Ion:114 Resp: 289860
Ion Ratio Lower Upper
114 100
63 23.5 18.9 28.3
88 15.3 13.1 19.7





#41
Bromodichloromethane
Concen: 3.831 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

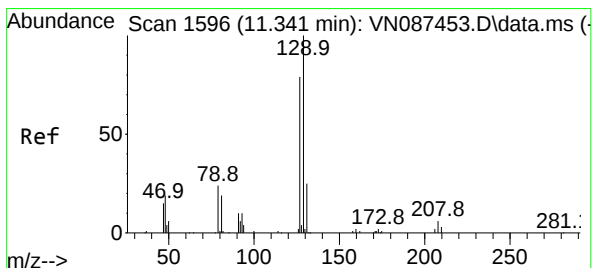
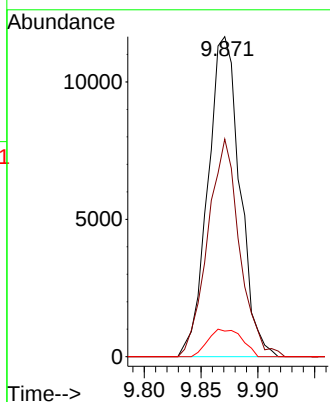
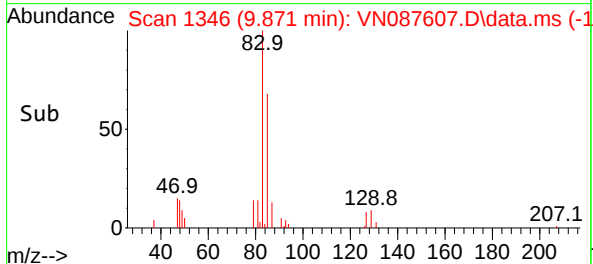
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



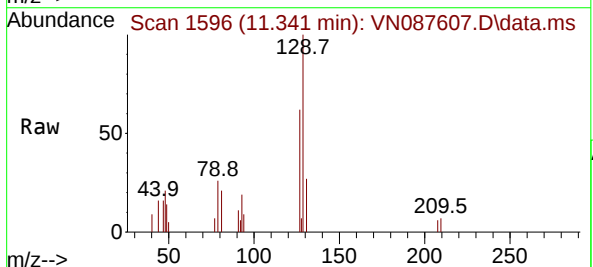
Tgt Ion: 83 Resp: 2285
Ion Ratio Lower Upper
83 100
85 68.0 52.9 79.3
127 8.0 5.8 8.6

Manual Integrations
APPROVED

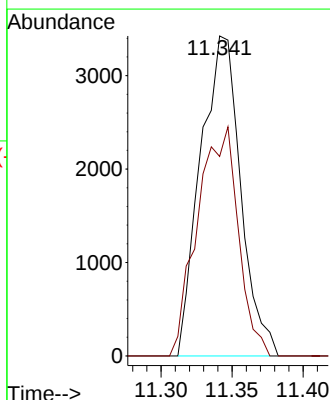
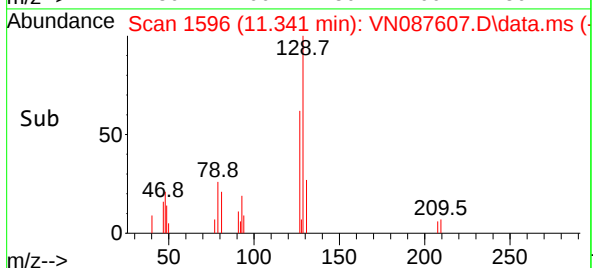
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

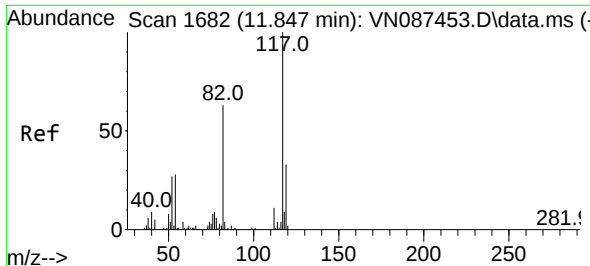


#53
Dibromochloromethane
Concen: 1.607 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14



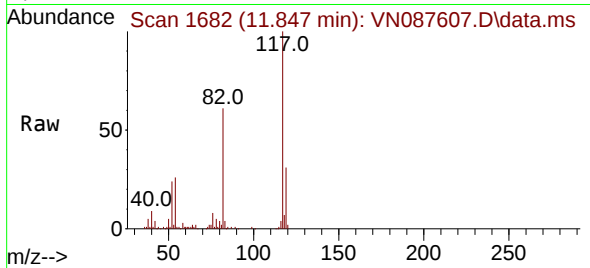
Tgt Ion:129 Resp: 6730
Ion Ratio Lower Upper
129 100
127 72.5 39.1 117.3





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

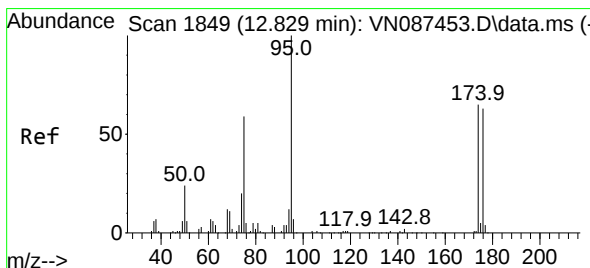
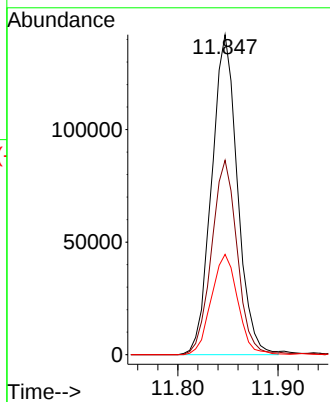
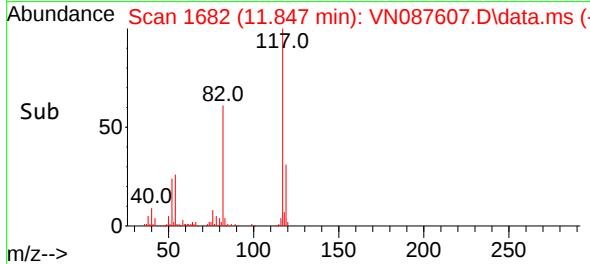
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 117 Resp: 254089
Ion Ratio Lower Upper
117 100
82 60.1 49.2 73.8
119 32.2 25.7 38.5

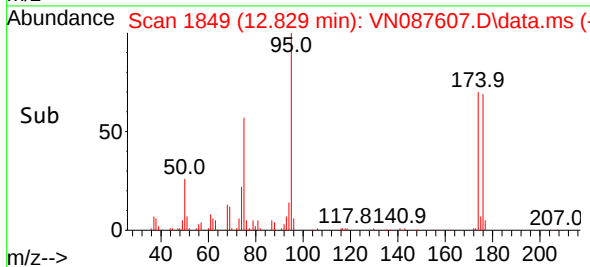
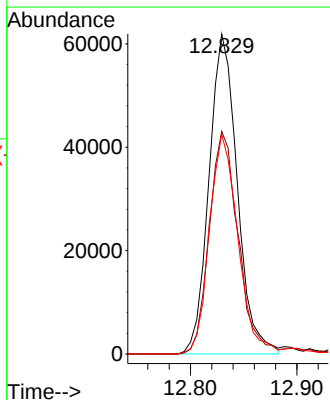
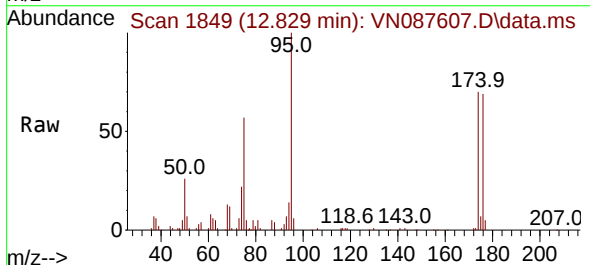
Manual Integrations
APPROVED

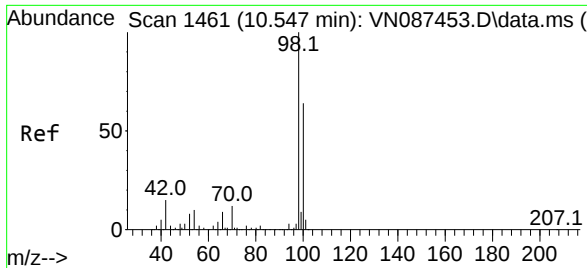
Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025



#60
4-Bromofluorobenzene
Concen: 26.074 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

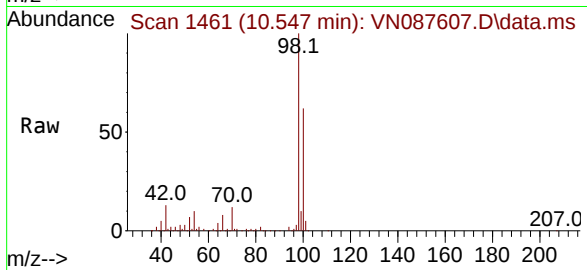
Tgt Ion: 95 Resp: 114013
Ion Ratio Lower Upper
95 100
174 70.8 52.3 78.5
176 69.2 49.8 74.8





#63
Toluene-d8
Concen: 29.998 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087607.D
Acq: 20 Aug 2025 11:14

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 98 Resp: 350710
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/21/2025
Supervised By :Mahesh Dadoda 08/22/2025

