

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091725\
 Data File : VN087876.D
 Acq On : 17 Sep 2025 13:53
 Operator : JC\MD
 Sample : Q3120-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL-DSN-002

Quant Time: Sep 18 03:10:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 03:29:53 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

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

Internal Standards						
1) Bromochloromethane	7.794	128	48910	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.083	114	249908	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	220815	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	120299	28.793	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.967%		
60) 4-Bromofluorobenzene	12.829	95	87702	24.701	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	82.333%		
63) Toluene-d8	10.547	98	294762	28.704	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	95.667%		
Target Compounds						
						Qvalue
15) Acetone	4.424	58	174459	285.453	ug/l	91
25) Chloroform	7.947	83	164595	25.892	ug/l	95
41) Bromodichloromethane	9.865	83	20120	3.935	ug/l #	98
53) Dibromochloromethane	11.335	129	7848m	2.166	ug/l	

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

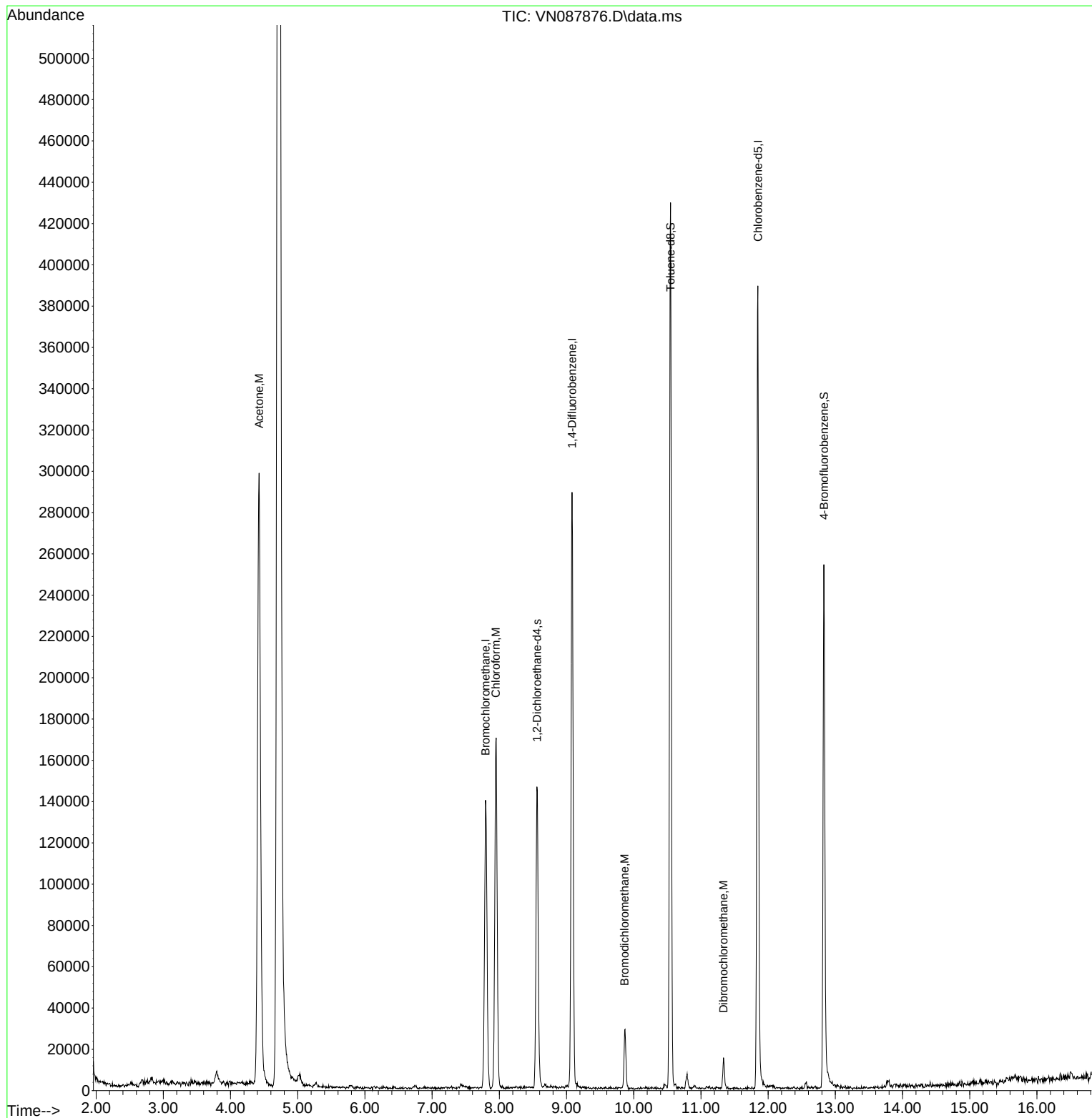
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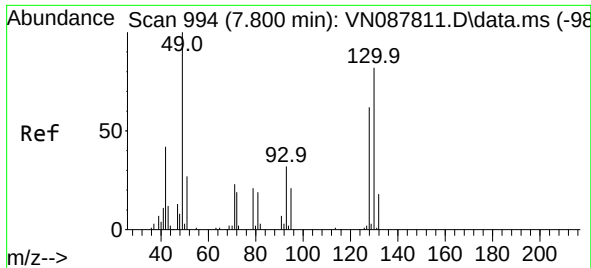
Instrument :
MSVOA_N
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OUTFALL-DSN-002

Quant Time: Sep 18 03:10:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
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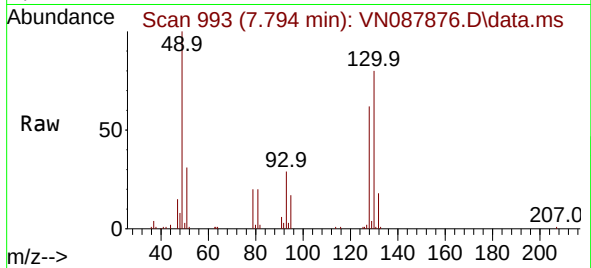
Reviewed By :John Carlone 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53

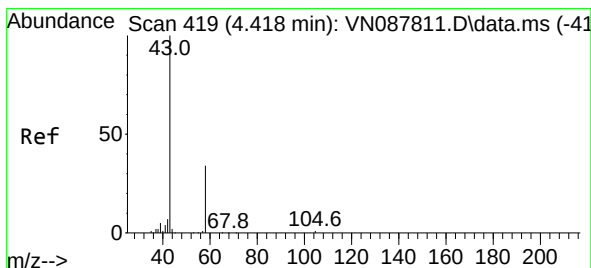
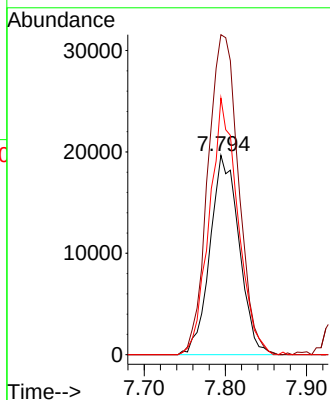
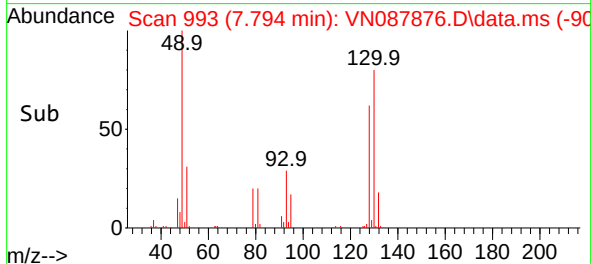
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion:128 Resp: 48910
Ion Ratio Lower Upper
128 100
49 169.4 0.0 464.3
130 126.0 0.0 300.5

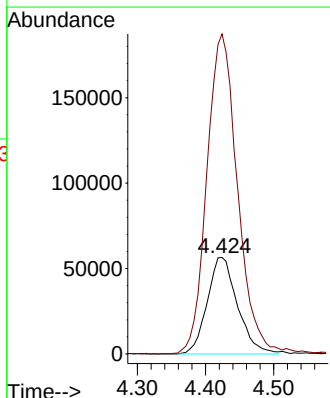
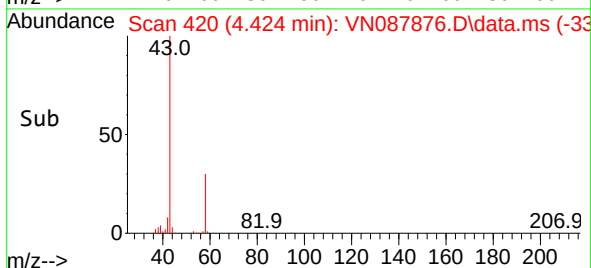
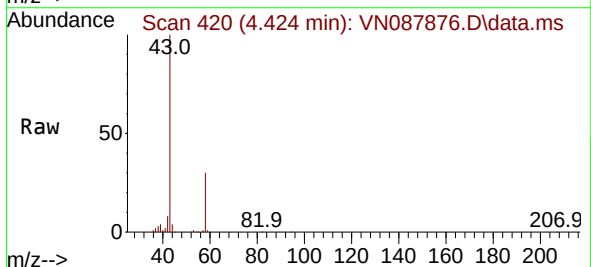
Manual Integrations
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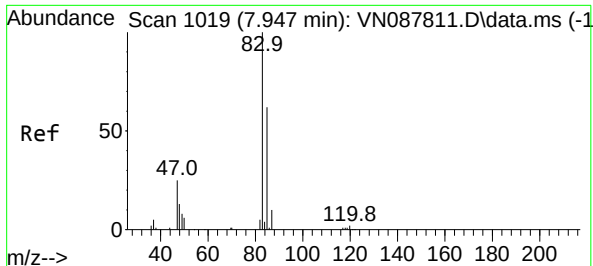
Reviewed By :John Carlone 09/18/2025
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#15
Acetone
Concen: 285.453 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53

Tgt Ion: 58 Resp: 174459
Ion Ratio Lower Upper
58 100
43 330.8 250.6 376.0





#25

Chloroform

Concen: 25.892 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VN087876.D

Acq: 17 Sep 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

Tgt Ion: 83 Resp: 16459

Ion Ratio Lower Upper

83 100

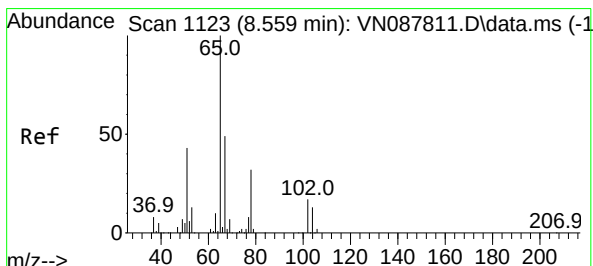
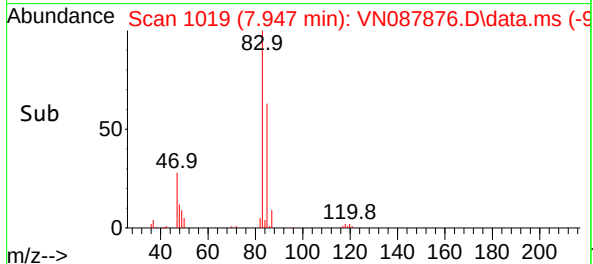
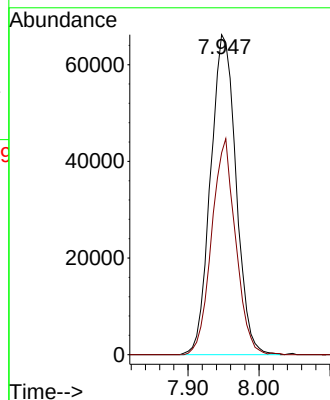
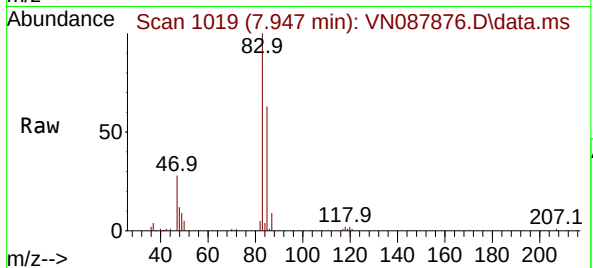
85 63.1 47.7 71.5

Manual Integrations

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#27

1,2-Dichloroethane-d4

Concen: 28.793 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN087876.D

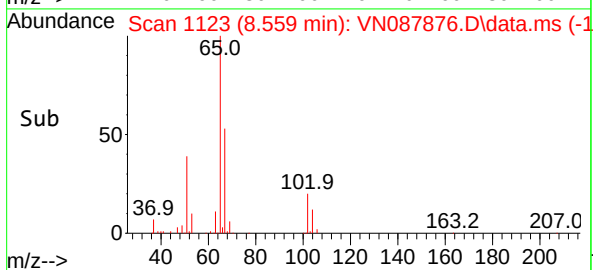
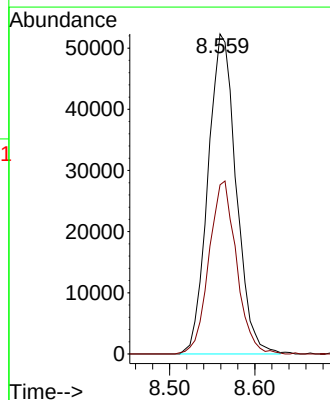
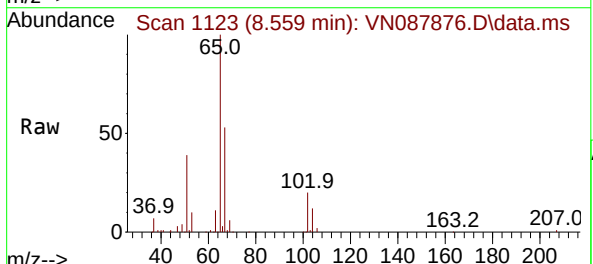
Acq: 17 Sep 2025 13:53

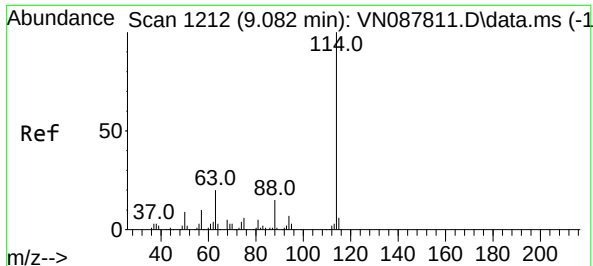
Tgt Ion: 65 Resp: 120299

Ion Ratio Lower Upper

65 100

67 52.7 39.6 59.4





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.083 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN087876.D

Acq: 17 Sep 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL-DSN-002

Tgt Ion:114 Resp: 249908

Ion Ratio Lower Upper

114 100

63 20.4 18.3 27.5

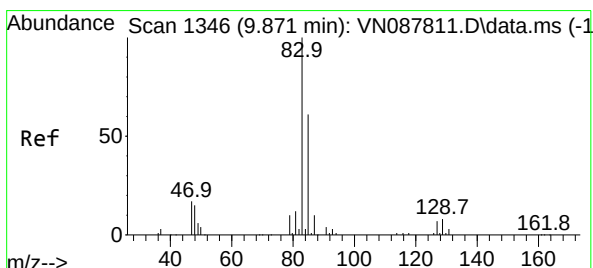
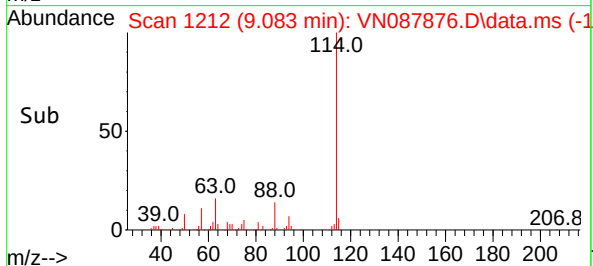
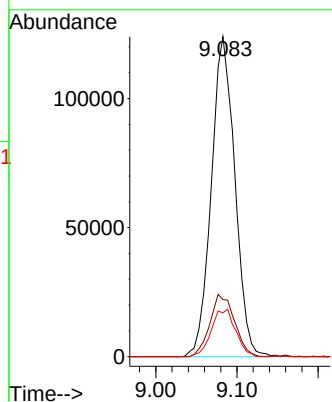
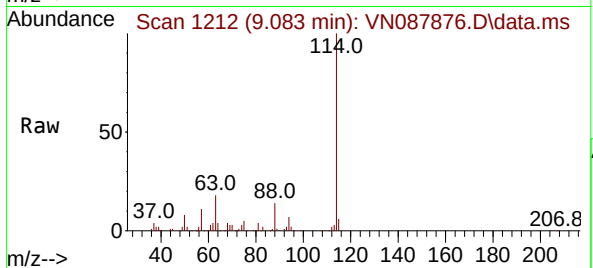
88 15.3 12.4 18.6

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#41

Bromodichloromethane

Concen: 3.935 ug/l

RT: 9.865 min Scan# 1345

Delta R.T. -0.006 min

Lab File: VN087876.D

Acq: 17 Sep 2025 13:53

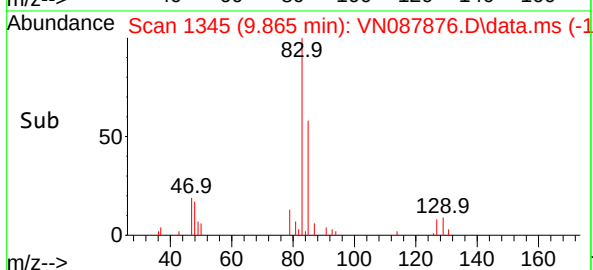
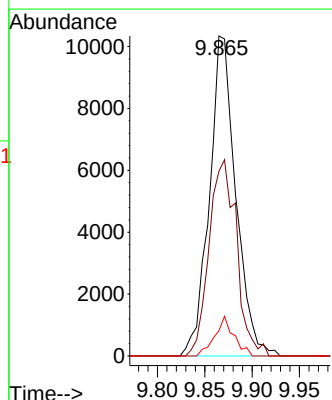
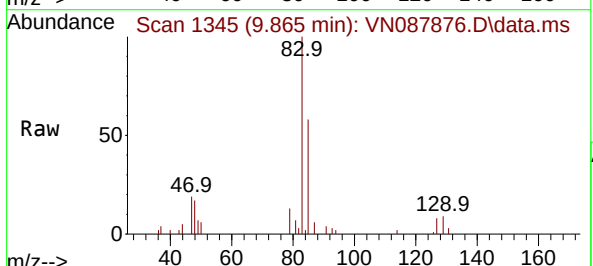
Tgt Ion: 83 Resp: 20120

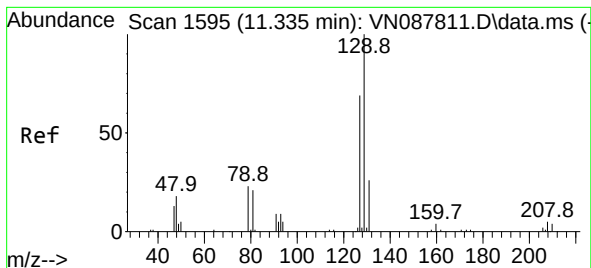
Ion Ratio Lower Upper

83 100

85 57.7 47.3 70.9

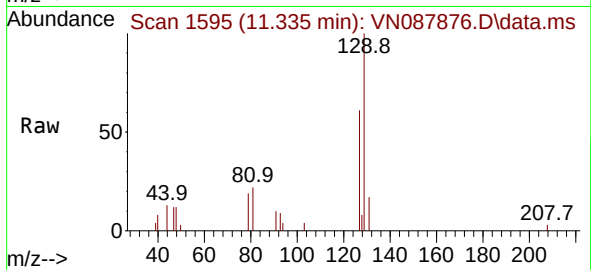
127 7.9 5.2 7.8#





#53
Dibromochloromethane
Concen: 2.166 ug/l m
RT: 11.335 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53

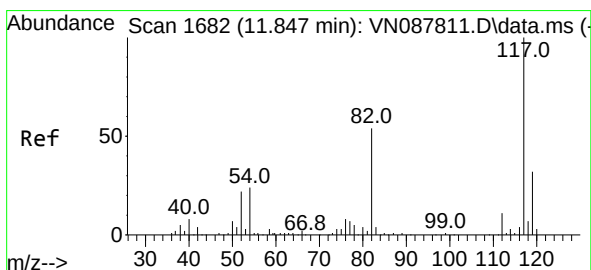
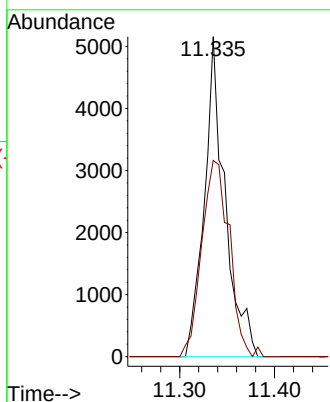
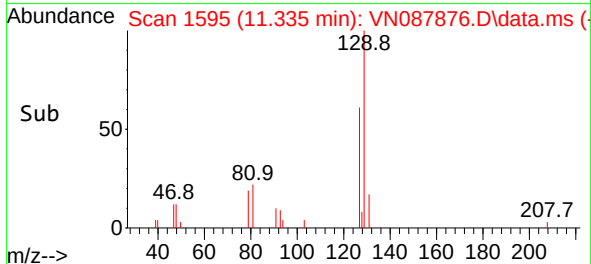
Instrument :
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ClientSampleId :
OUTFALL-DSN-002



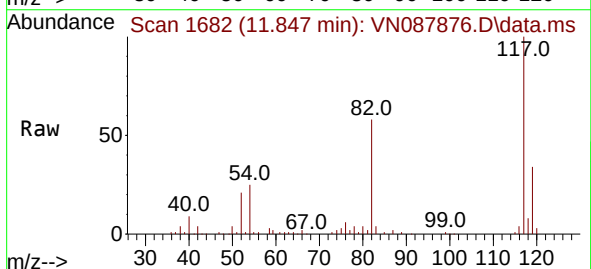
Tgt Ion:129 Resp: 7848
Ion Ratio Lower Upper
129 100
127 80.7 42.6 128.0

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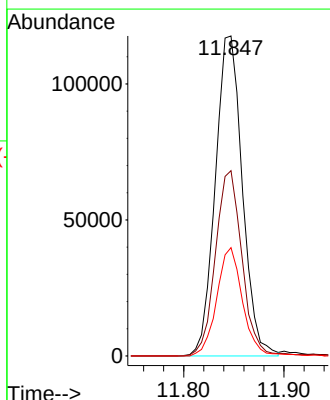
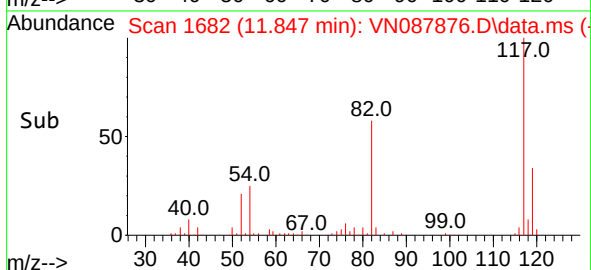
Reviewed By :John Carlone 09/18/2025
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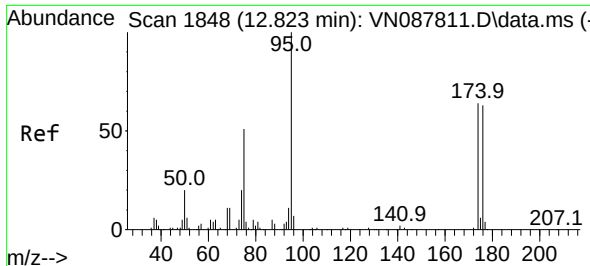


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53



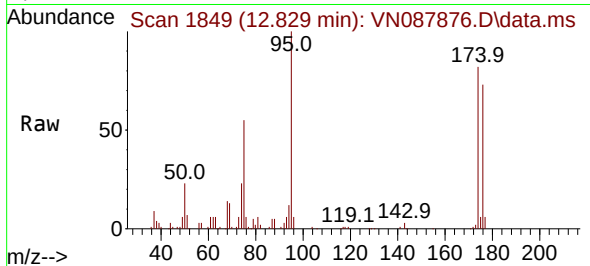
Tgt Ion:117 Resp: 220815
Ion Ratio Lower Upper
117 100
82 56.7 45.9 68.9
119 32.1 25.3 37.9





#60
4-Bromofluorobenzene
Concen: 24.701 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53

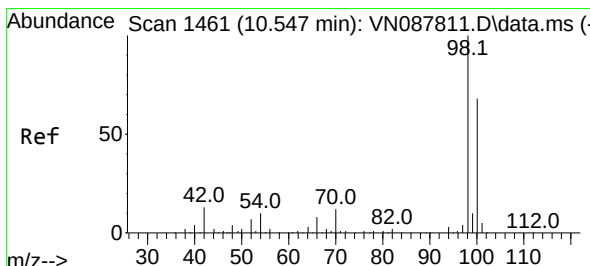
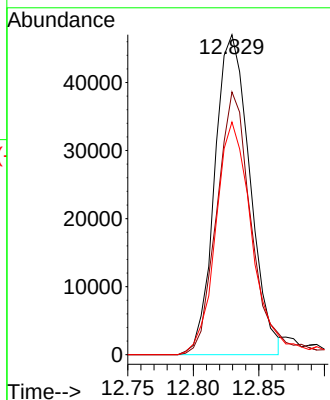
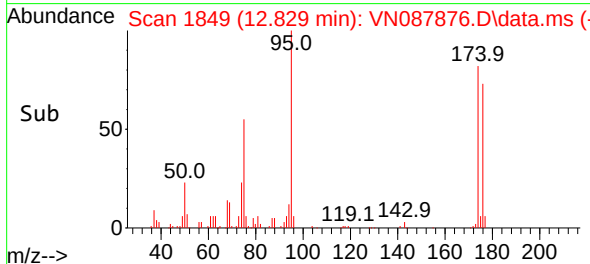
Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002



Tgt Ion: 95 Resp: 87702
Ion Ratio Lower Upper
95 100
174 81.5 55.4 83.0
176 75.1 51.5 77.3

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#63
Toluene-d8
Concen: 28.704 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087876.D
Acq: 17 Sep 2025 13:53

Tgt Ion: 98 Resp: 294762
Ion Ratio Lower Upper
98 100
100 63.5 50.6 76.0

