

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
 Data File : VN087916.D
 Acq On : 22 Sep 2025 13:04
 Operator : JC\MD
 Sample : Q3149-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 Willets Pt Blvd (Aug)

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 04:51:36 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

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

Internal Standards						
1) Bromochloromethane	7.794	128	55130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	266240	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	244348	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	128385	27.262	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.867%#		
60) 4-Bromofluorobenzene	12.829	95	95076	24.199	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	80.667%		
63) Toluene-d8	10.547	98	328740	28.929	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.433%		
Target Compounds						
15) Acetone	4.424	58	3332m	4.837	ug/l	Qvalue
18) Methylene Chloride	5.259	84	2456	0.651	ug/l #	50
25) Chloroform	7.941	83	8920	1.245	ug/l #	84
58) 4-Methyl-2-Pentanone	10.429	43	4980	0.862	ug/l #	90

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

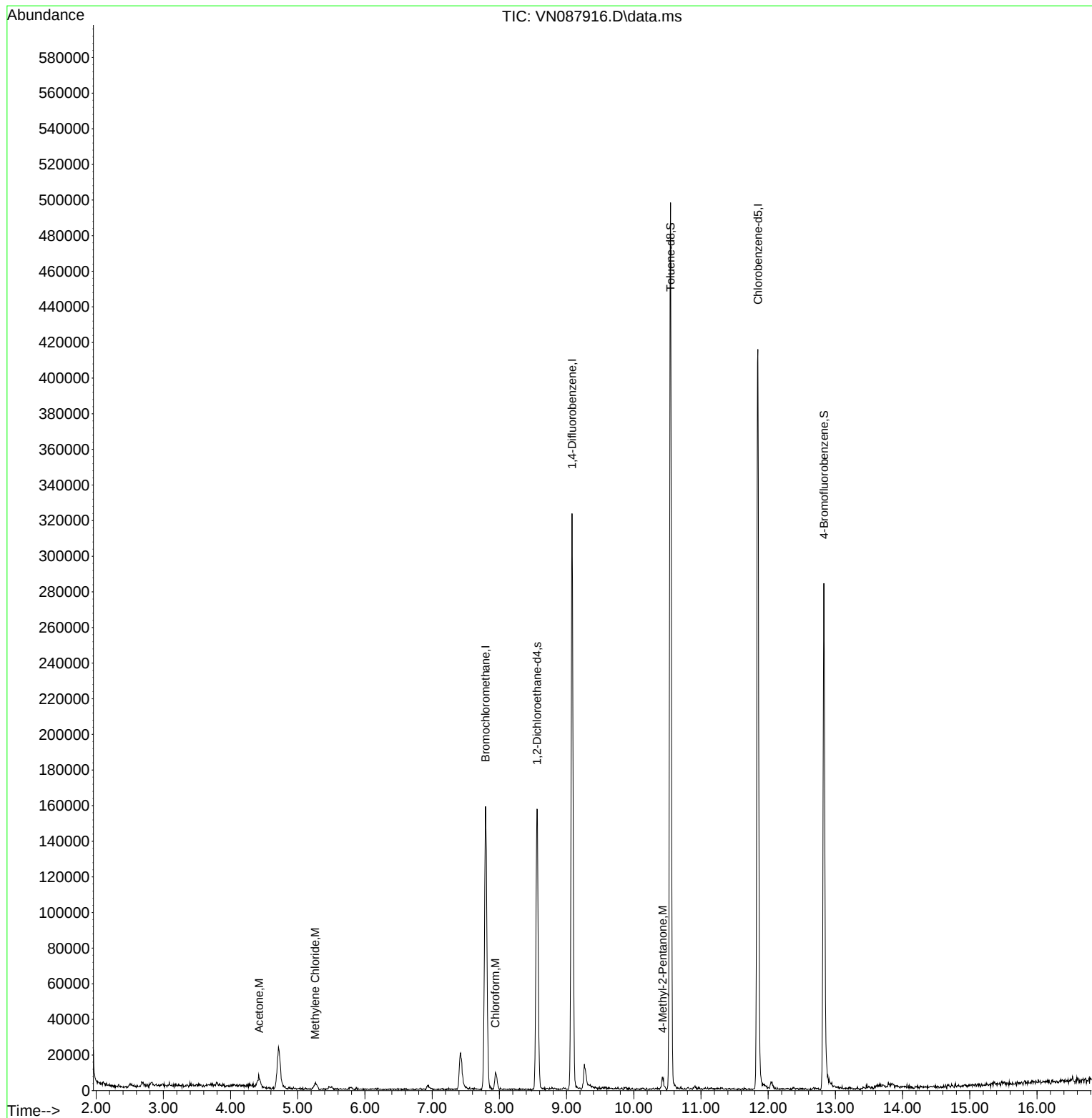
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092225\
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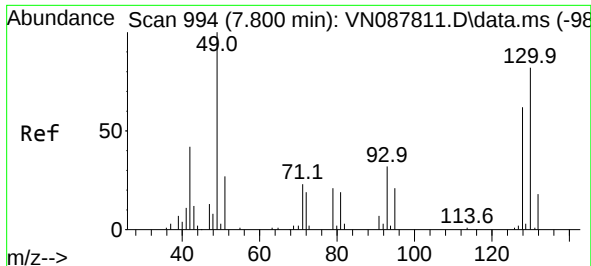
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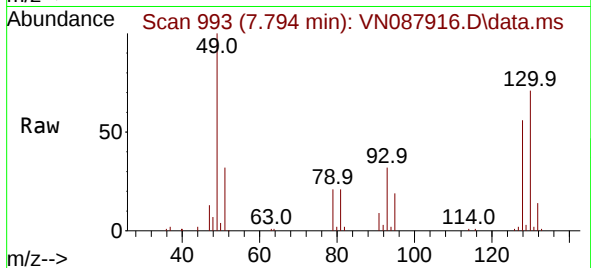
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.794 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

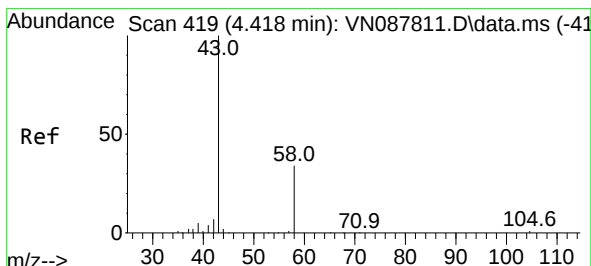
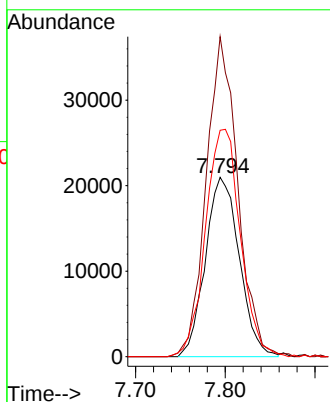
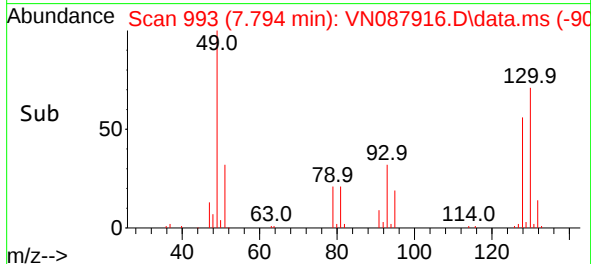
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)



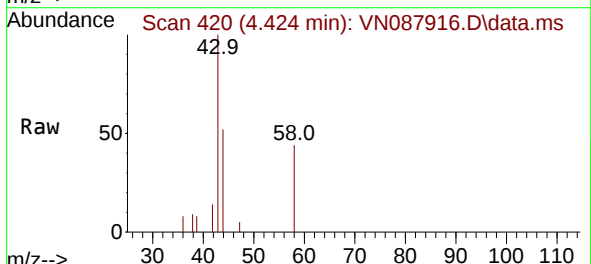
Tgt Ion:128 Resp: 55130
Ion Ratio Lower Upper
128 100
49 165.7 0.0 464.3
130 130.1 0.0 300.5

Manual Integrations
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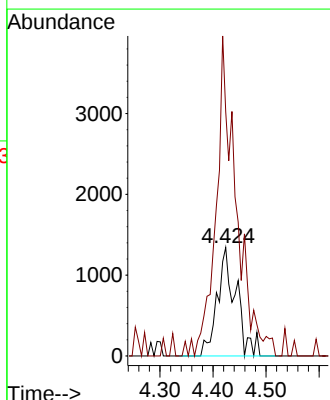
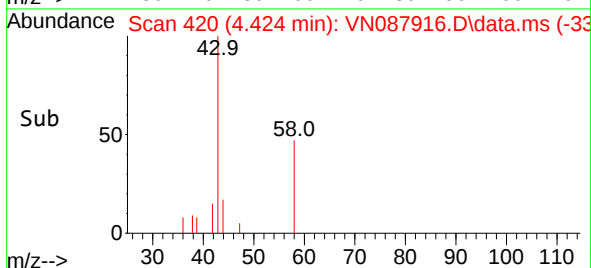
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

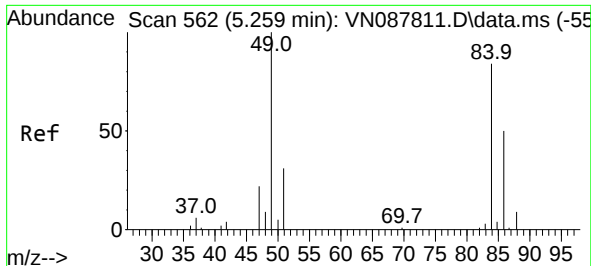


#15
Acetone
Concen: 4.837 ug/l m
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04



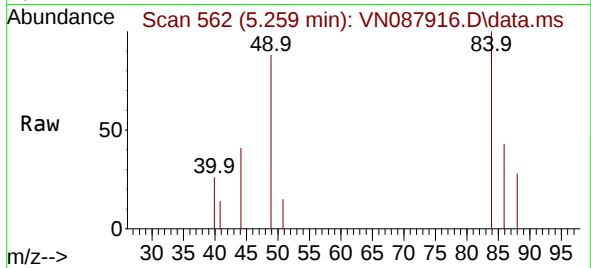
Tgt Ion: 58 Resp: 3332
Ion Ratio Lower Upper
58 100
43 225.2 250.6 376.0#





#18
Methylene Chloride
Concen: 0.651 ug/l
RT: 5.259 min Scan# 501
Delta R.T. -0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

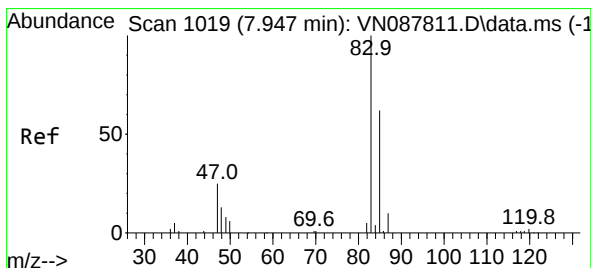
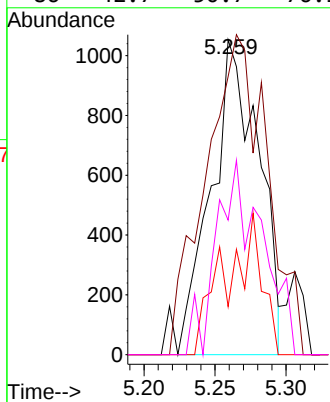
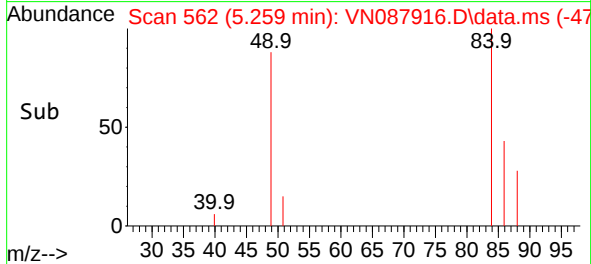
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)



Tgt Ion: 84 Resp: 2450
Ion Ratio Lower Upper
84 100
49 64.4 114.1 171.1
51 15.3 30.2 45.4
86 42.7 50.7 76.1#

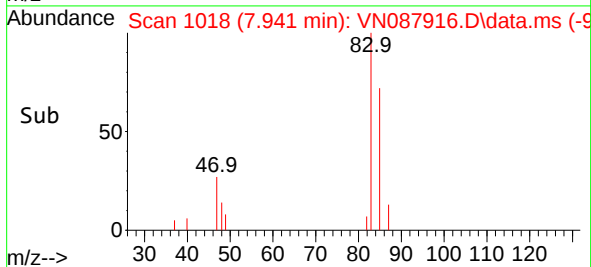
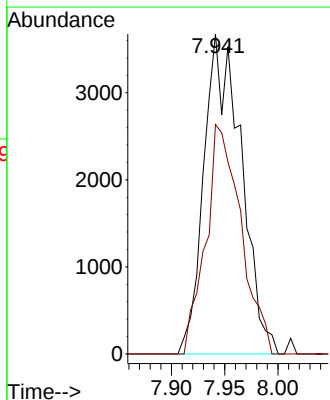
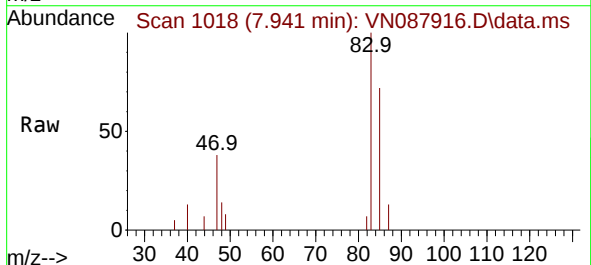
Manual Integrations
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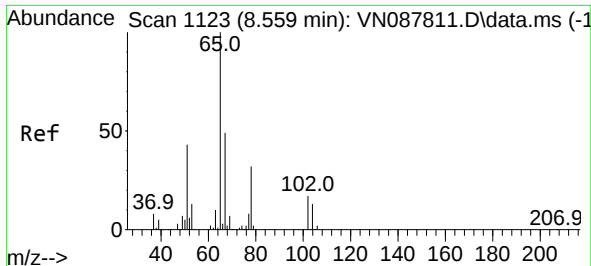
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#25
Chloroform
Concen: 1.245 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 83 Resp: 8920
Ion Ratio Lower Upper
83 100
85 71.7 47.7 71.5#





#27

1,2-Dichloroethane-d4

Concen: 27.262 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087916.D

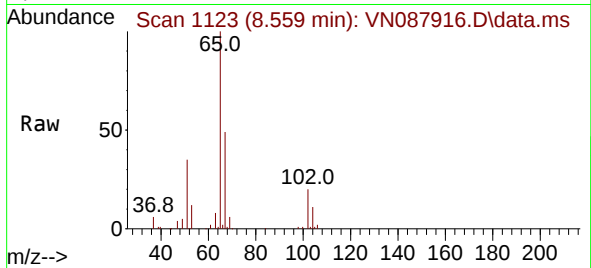
Acq: 22 Sep 2025 13:04

Instrument :

MSVOA_N

ClientSampleId :

001 Willets Pt Blvd (Aug)



Tgt Ion: 65 Resp: 12838

Ion Ratio Lower Upper

65 100

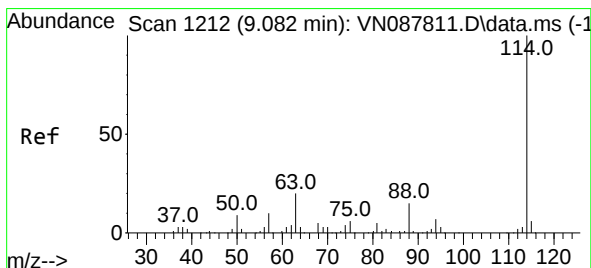
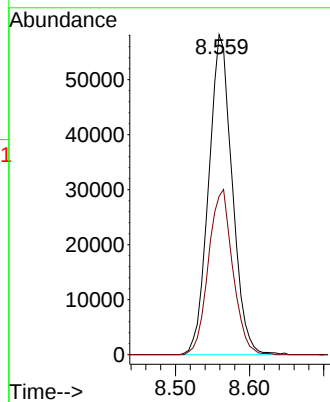
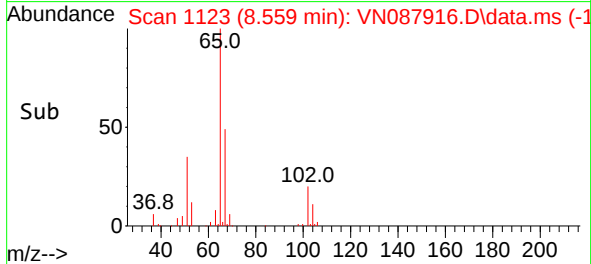
67 53.2 39.6 59.4

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087916.D

Acq: 22 Sep 2025 13:04

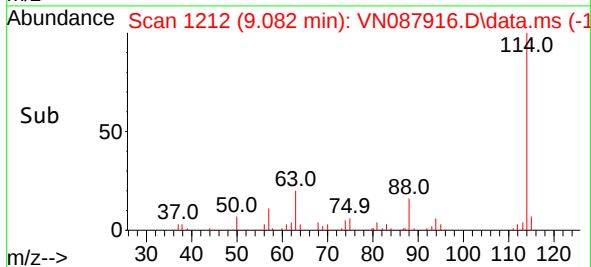
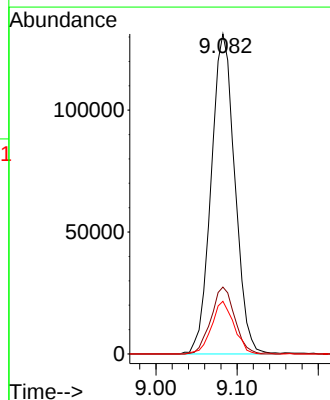
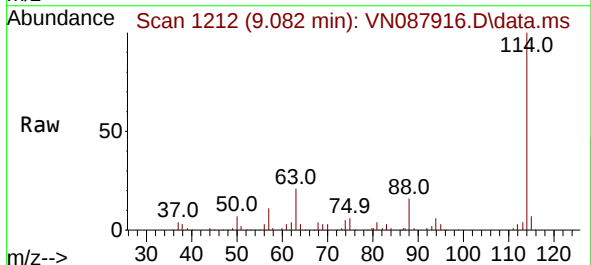
Tgt Ion:114 Resp: 266240

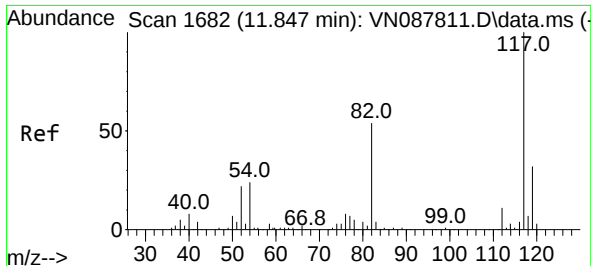
Ion Ratio Lower Upper

114 100

63 20.9 18.3 27.5

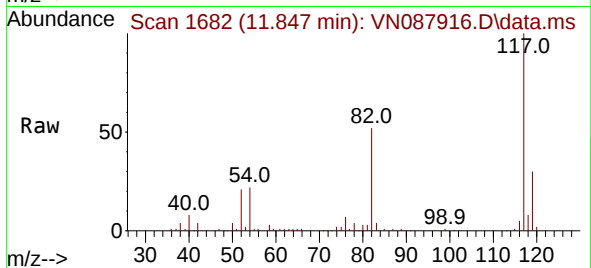
88 15.6 12.4 18.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

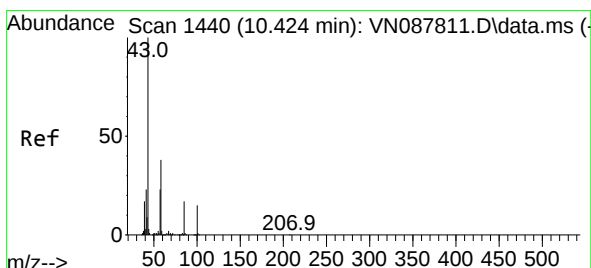
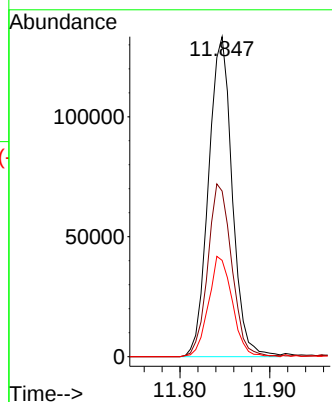
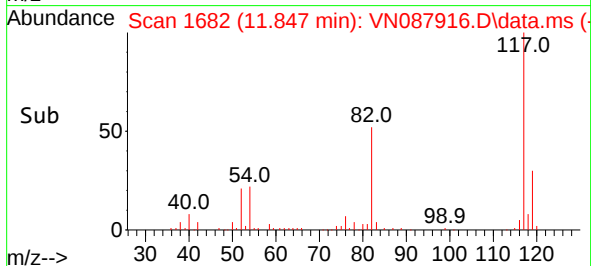
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)



Tgt Ion:117 Resp: 244348
Ion Ratio Lower Upper
117 100
82 54.6 45.9 68.9
119 31.5 25.3 37.9

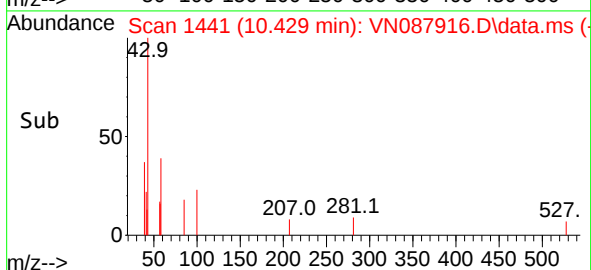
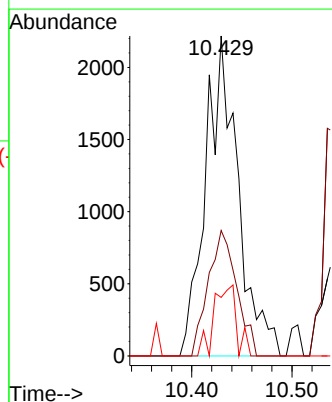
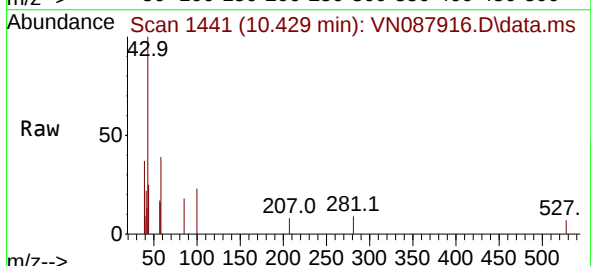
Manual Integrations
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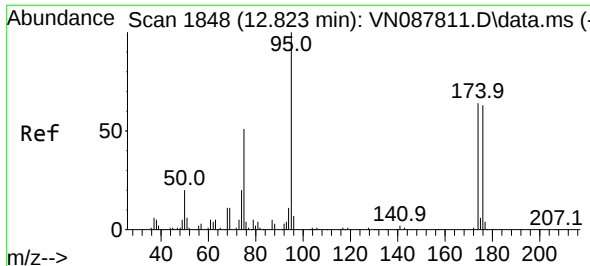
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#58
4-Methyl-2-Pentanone
Concen: 0.862 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

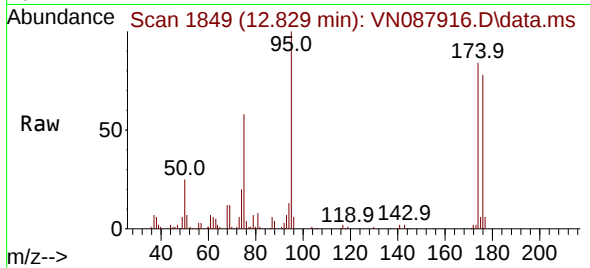
Tgt Ion: 43 Resp: 4980
Ion Ratio Lower Upper
43 100
58 34.4 29.6 44.4
85 6.0 13.0 19.4#





#60
4-Bromofluorobenzene
Concen: 24.199 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

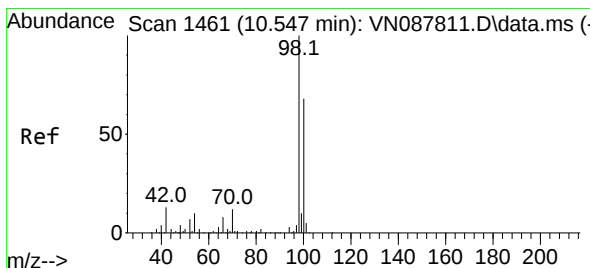
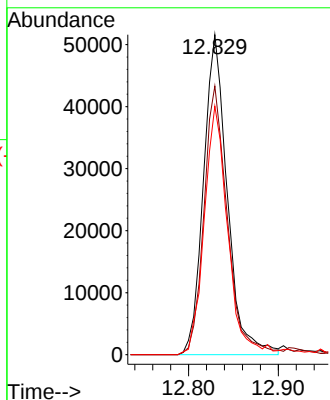
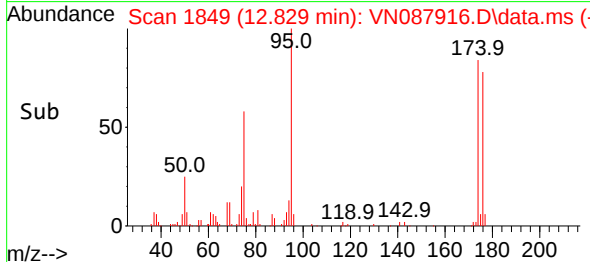
Instrument :
MSVOA_N
ClientSampleId :
001 Willets Pt Blvd (Aug)



Tgt Ion: 95 Resp: 95070
Ion Ratio Lower Upper
95 100
174 82.9 55.4 83.0
176 75.5 51.5 77.3

Manual Integrations
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#63
Toluene-d8
Concen: 28.929 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087916.D
Acq: 22 Sep 2025 13:04

Tgt Ion: 98 Resp: 328740
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0

