

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
 Data File : VN087944.D
 Acq On : 24 Sep 2025 13:11
 Operator : JC\MD
 Sample : Q3167-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT4784

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 25 03:10:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	199415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	456277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	488745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	228467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	215063	64.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 128.160%#			
35) Dibromofluoromethane	8.147	113	173904	52.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.980%			
50) Toluene-d8	10.547	98	613878	52.694	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.829	95	210558	50.564	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.120%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	25817	18.697	ug/l	98
18) Methyl Acetate	5.024	43	19802	5.730	ug/l	93
20) Methylene Chloride	5.271	84	11872	4.248	ug/l	89
37) Ethyl Acetate	7.553	43	9866m	1.886	ug/l	
43) Isopropyl Acetate	8.671	43	14668	1.781	ug/l #	91

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

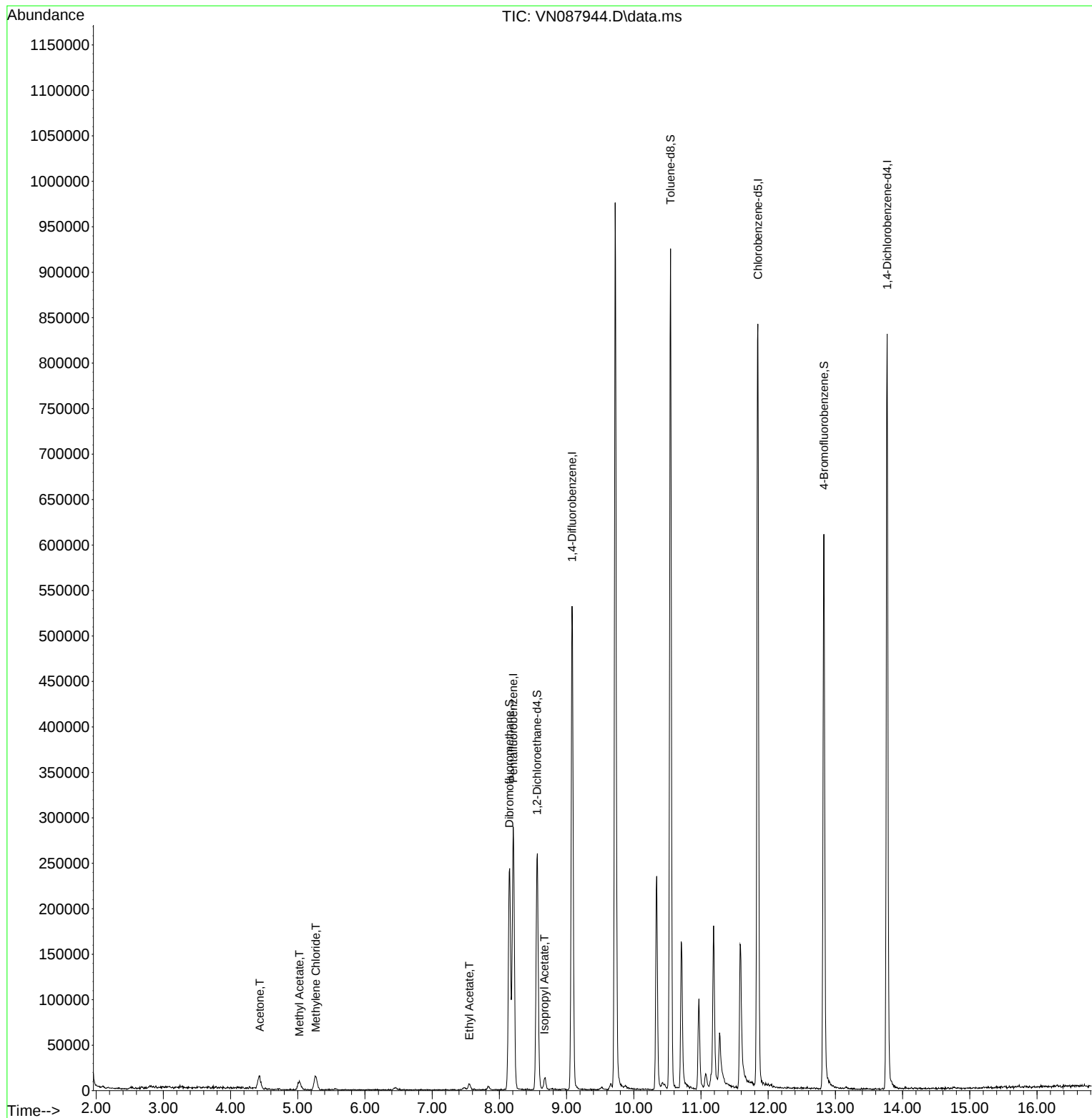
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092425\
Data File : VN087944.D
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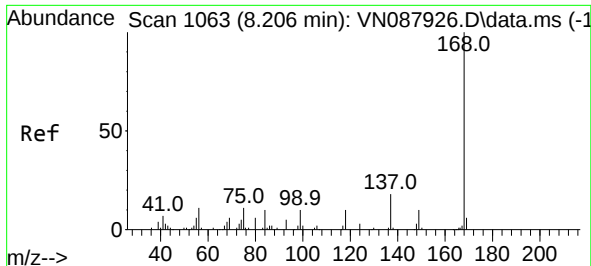
Instrument :
MSVOA_N
ClientSampleId :
RT4784

Quant Time: Sep 25 03:10:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

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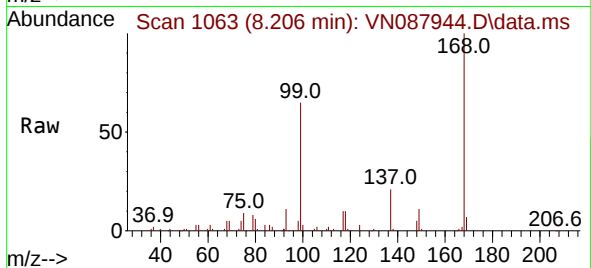
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

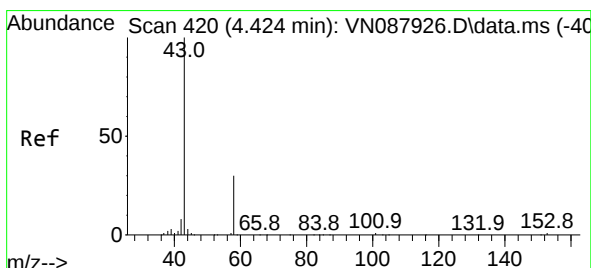
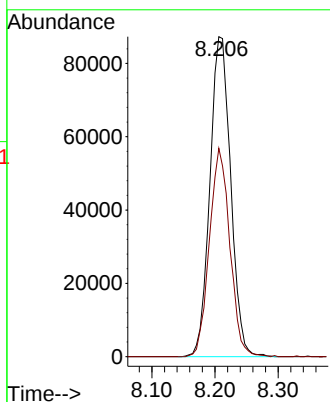
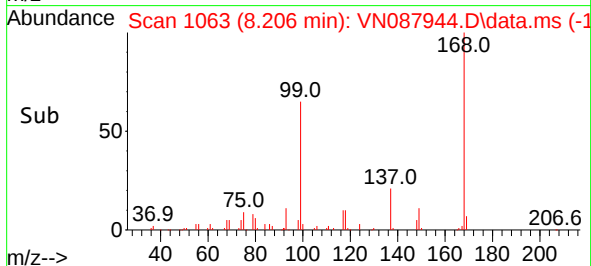
Instrument :
MSVOA_N
ClientSampleId :
RT4784



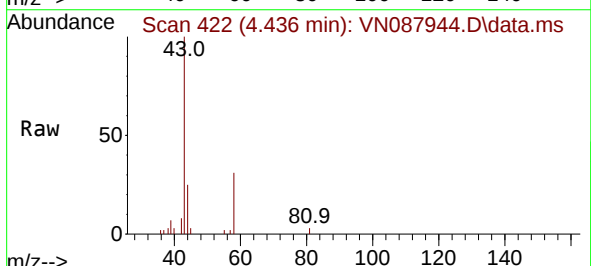
Tgt Ion:168 Resp: 19941
Ion Ratio Lower Upper
168 100
99 65.1 52.2 78.2

Manual Integrations
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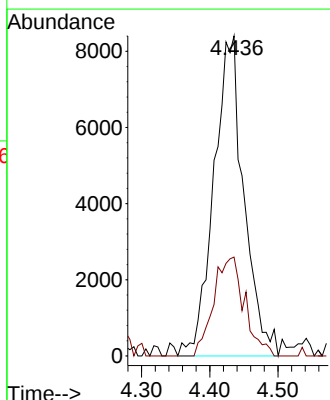
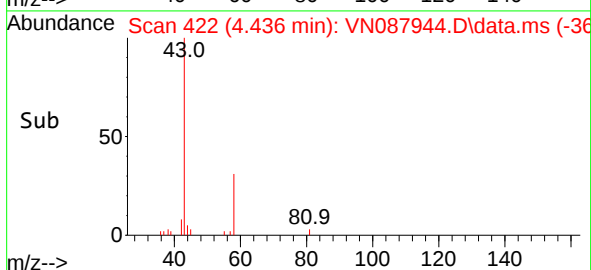
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

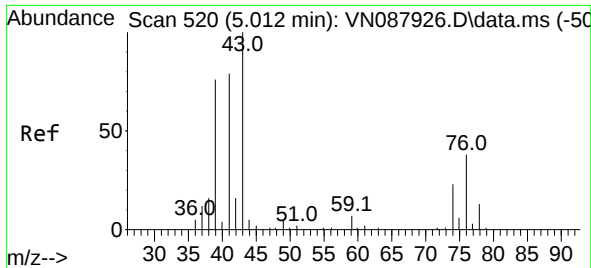


#16
Acetone
Concen: 18.697 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11



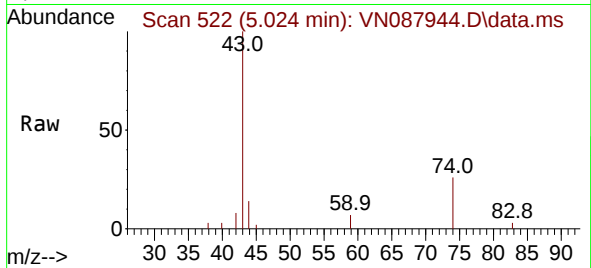
Tgt Ion: 43 Resp: 25817
Ion Ratio Lower Upper
43 100
58 30.9 24.1 36.1





#18
Methyl Acetate
Concen: 5.730 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

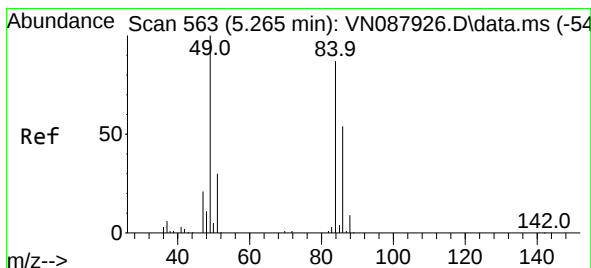
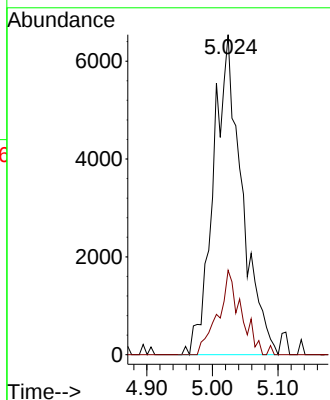
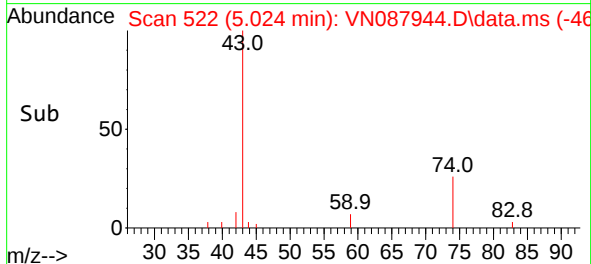
Instrument :
MSVOA_N
ClientSampleId :
RT4784



Tgt Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
74 21.0 19.7 29.5

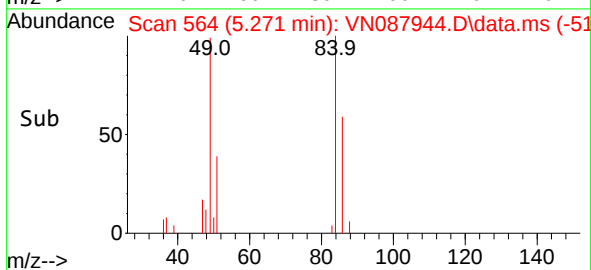
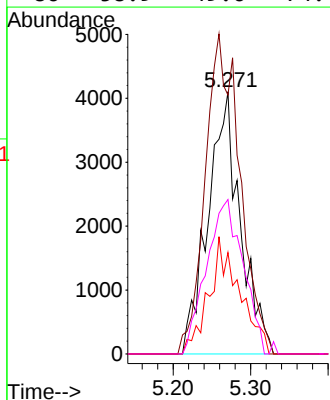
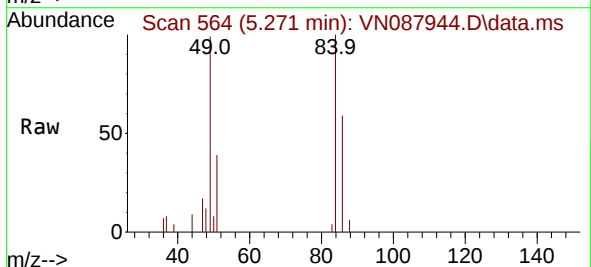
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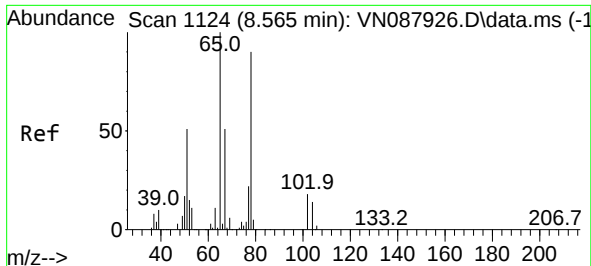
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 4.248 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

Tgt Ion: 84 Resp: 11872
Ion Ratio Lower Upper
84 100
49 98.7 92.1 138.1
51 38.7 27.7 41.5
86 58.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 64.083 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087944.D

Acq: 24 Sep 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

RT4784

Tgt Ion: 65 Resp: 21506

Ion Ratio Lower Upper

65 100

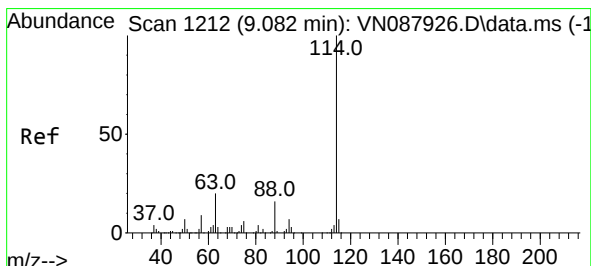
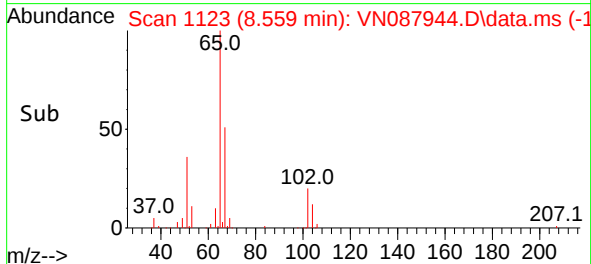
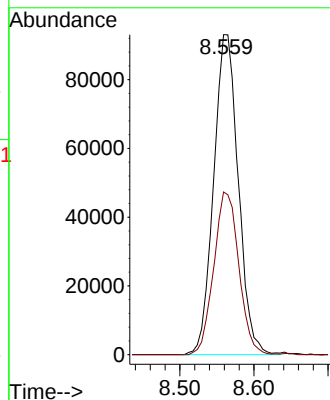
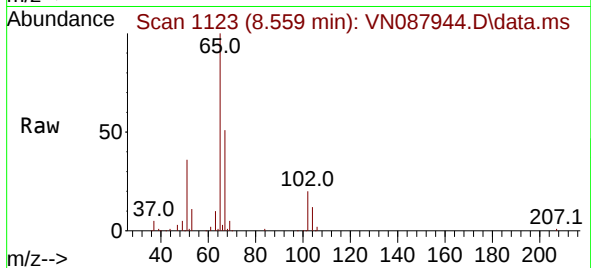
67 51.7 0.0 103.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087944.D

Acq: 24 Sep 2025 13:11

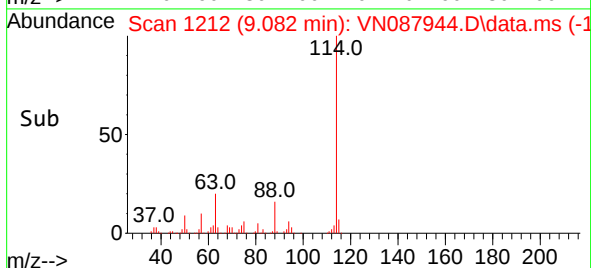
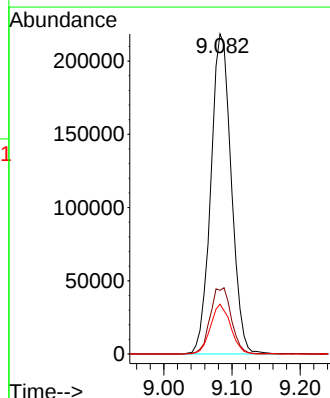
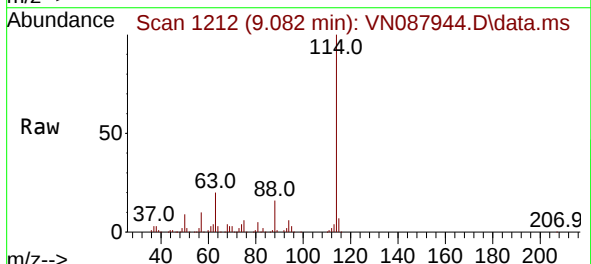
Tgt Ion:114 Resp: 456277

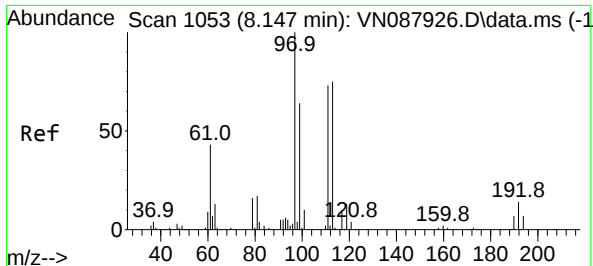
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.494 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VN087944.D

Acq: 24 Sep 2025 13:11

Instrument :

MSVOA_N

ClientSampleId :

RT4784

Tgt Ion: 113 Resp: 173904

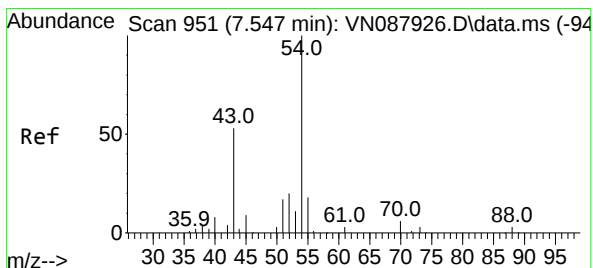
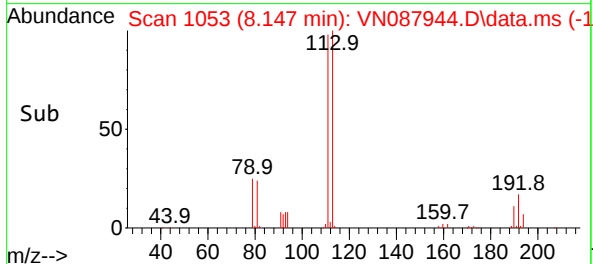
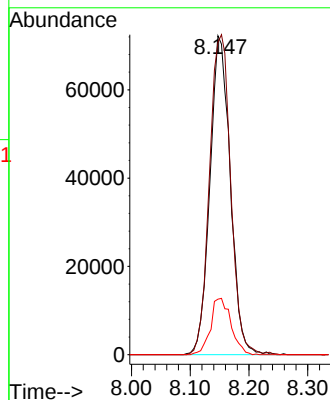
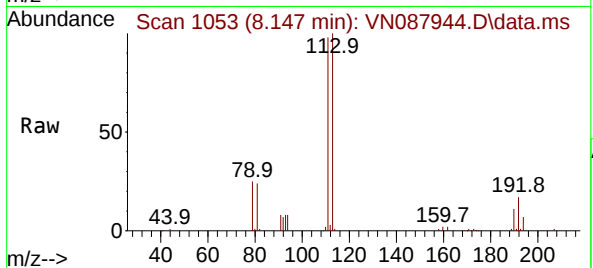
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	17.8	14.2	21.2

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#37

Ethyl Acetate

Concen: 1.886 ug/l m

RT: 7.553 min Scan# 952

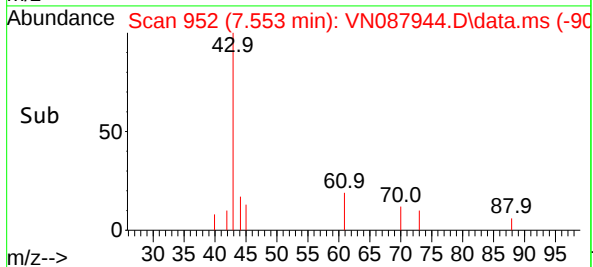
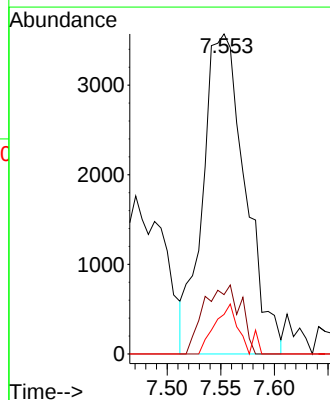
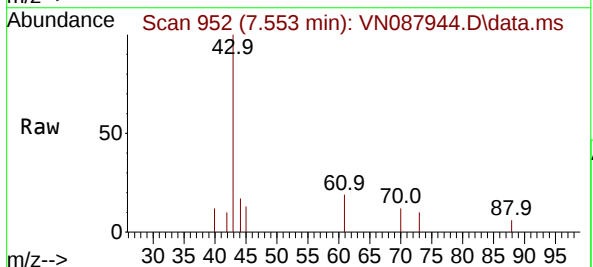
Delta R.T. 0.006 min

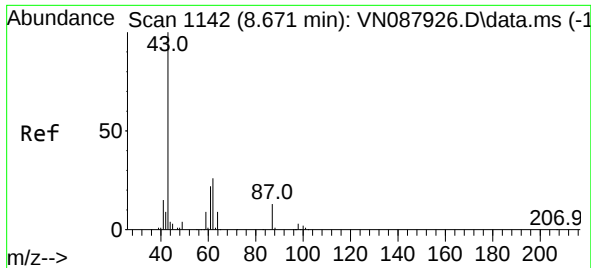
Lab File: VN087944.D

Acq: 24 Sep 2025 13:11

Tgt Ion: 43 Resp: 9866

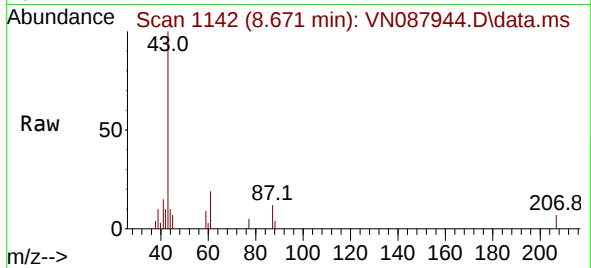
Ion	Ratio	Lower	Upper
43	100		
61	18.5	10.7	16.1#
70	8.3	7.8	11.8





#43
Isopropyl Acetate
Concen: 1.781 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

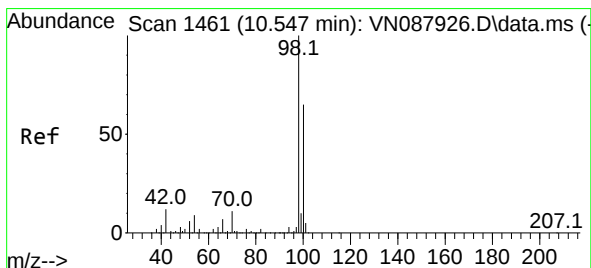
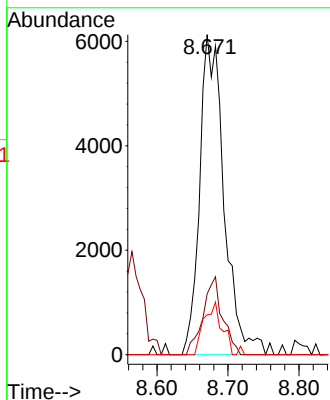
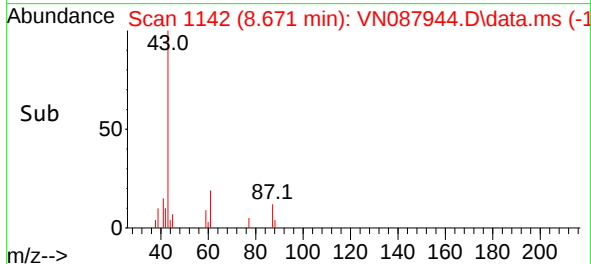
Instrument :
MSVOA_N
ClientSampleId :
RT4784



Tgt Ion: 43 Resp: 14668
Ion Ratio Lower Upper
43 100
61 19.4 20.2 30.2
87 12.0 10.9 16.3

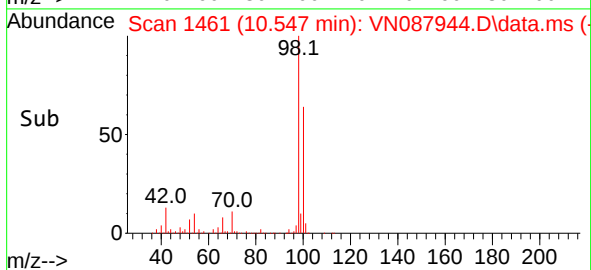
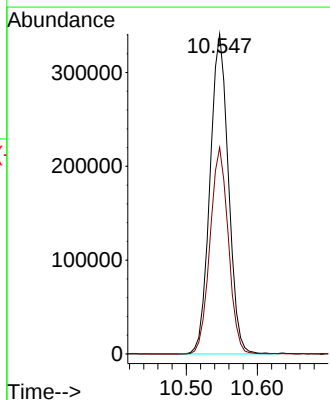
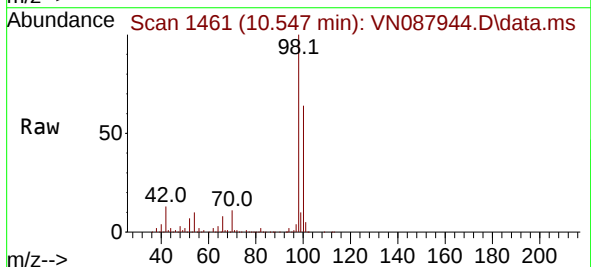
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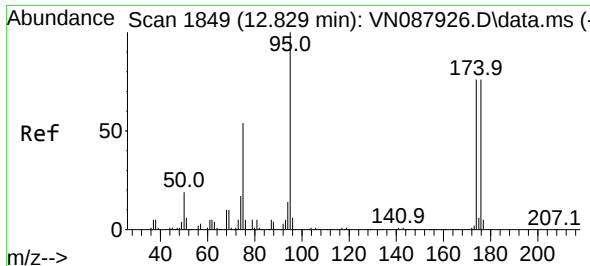
Reviewed By :John Carlone 09/25/2025
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#50
Toluene-d8
Concen: 52.694 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

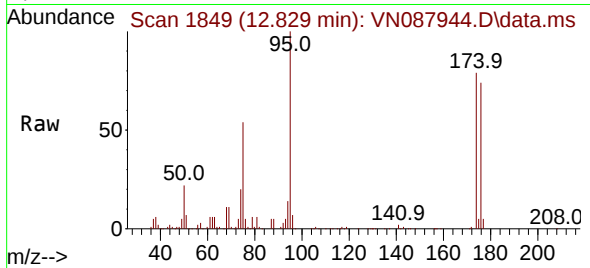
Tgt Ion: 98 Resp: 613878
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5





#62
4-Bromofluorobenzene
Concen: 50.564 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11

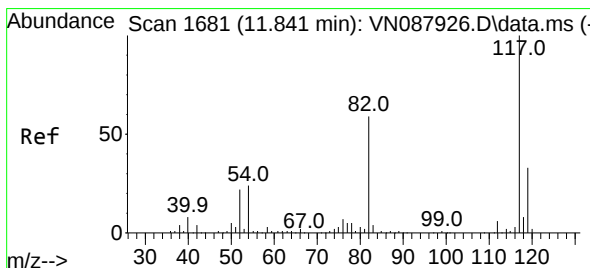
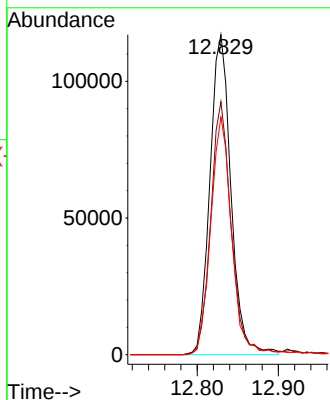
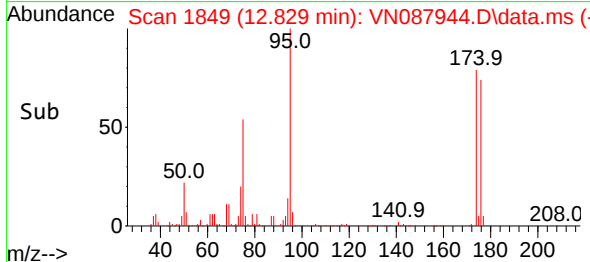
Instrument :
MSVOA_N
ClientSampleId :
RT4784



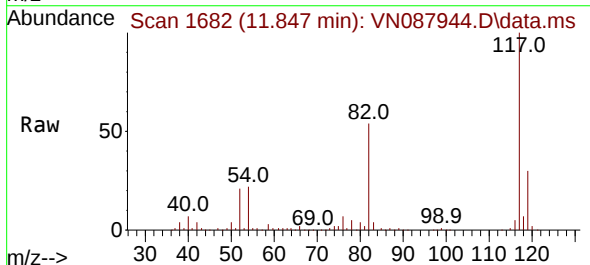
Tgt Ion: 95 Resp: 210558
Ion Ratio Lower Upper
95 100
174 77.4 0.0 159.2
176 74.7 0.0 152.6

Manual Integrations
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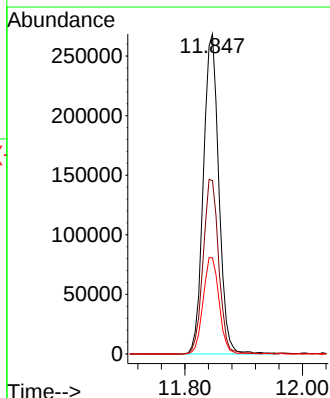
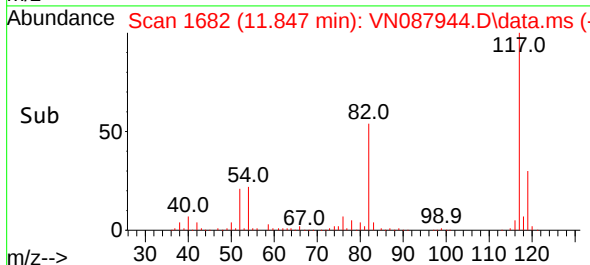
Reviewed By :John Carlone 09/25/2025
Supervised By :Mahesh Dadoda 09/26/2025

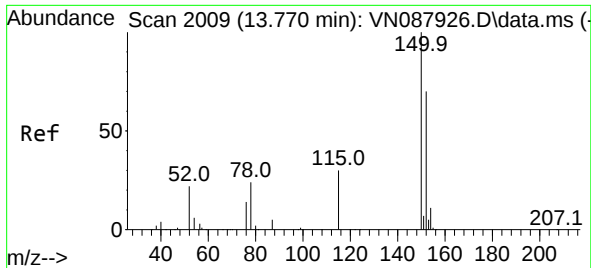


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087944.D
Acq: 24 Sep 2025 13:11



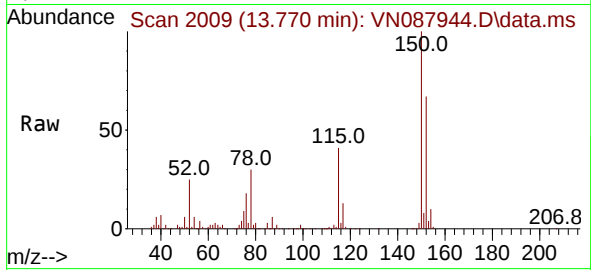
Tgt Ion:117 Resp: 488745
Ion Ratio Lower Upper
117 100
82 54.2 47.0 70.4
119 30.0 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087944.D
 Acq: 24 Sep 2025 13:11

Instrument :
 MSVOA_N
 ClientSampleId :
 RT4784



Tgt Ion:152 Resp: 22846
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.9 89.7
 150 154.6 0.0 335.0

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