

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087541.D
 Acq On : 13 Aug 2025 17:27
 Operator : JC\MD
 Sample : Q2832-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TG-S03

Quant Time: Aug 14 04:04:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

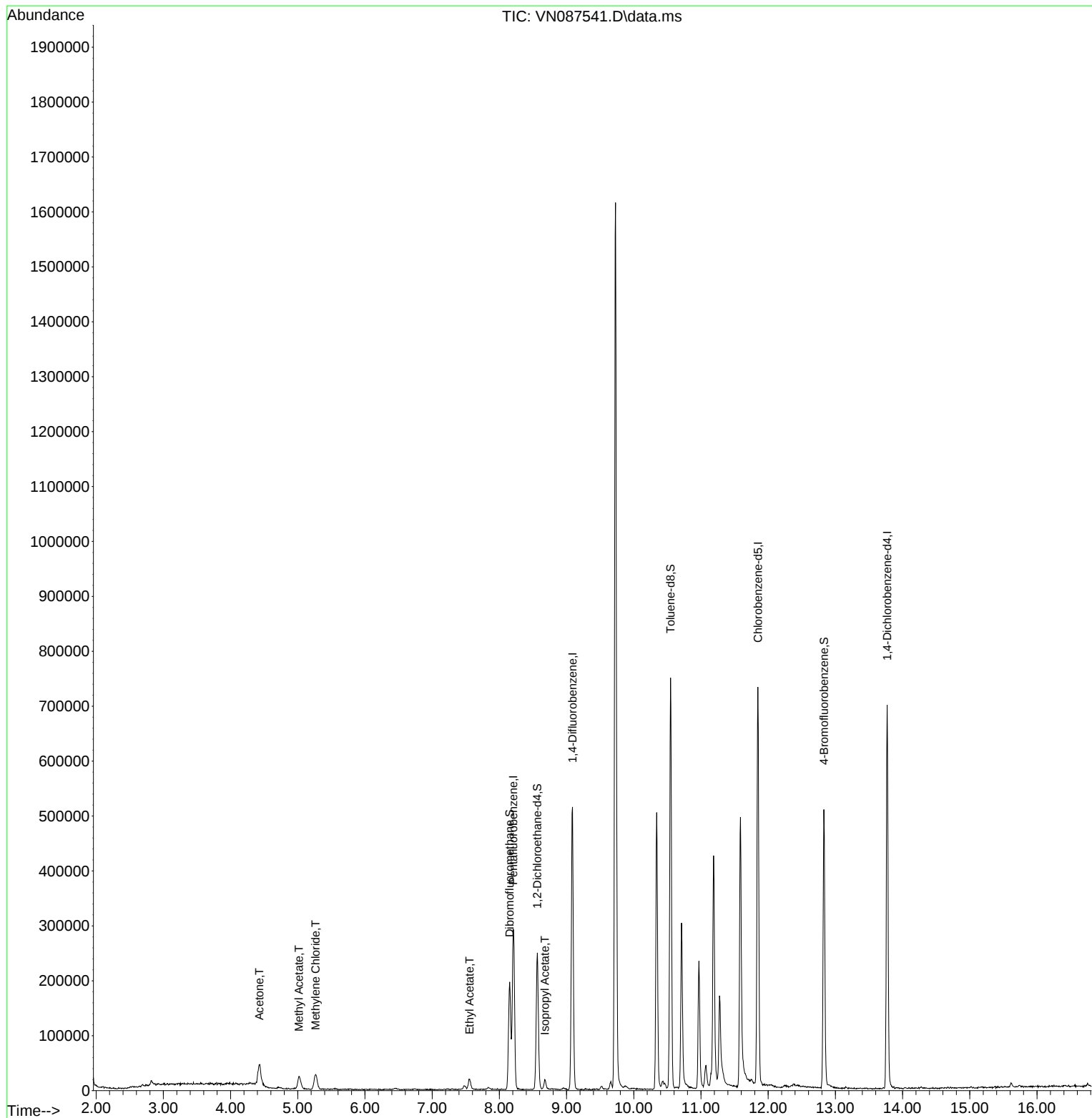
Internal Standards						
1) Pentafluorobenzene	8.206	168	199451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	417141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	385827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	173385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	204257	60.355	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.720%	
35) Dibromofluoromethane	8.153	113	138862	48.259	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.520%	
50) Toluene-d8	10.547	98	472710	46.054	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.100%	
62) 4-Bromofluorobenzene	12.829	95	184001	48.522	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	73070	46.049	ug/l	92
18) Methyl Acetate	5.018	43	52084	13.065	ug/l #	72
20) Methylene Chloride	5.265	84	20937	7.258	ug/l #	80
37) Ethyl Acetate	7.559	43	30339	5.526	ug/l	98
43) Isopropyl Acetate	8.677	43	20562	2.413	ug/l	92

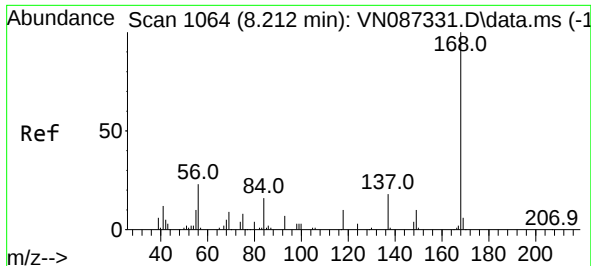
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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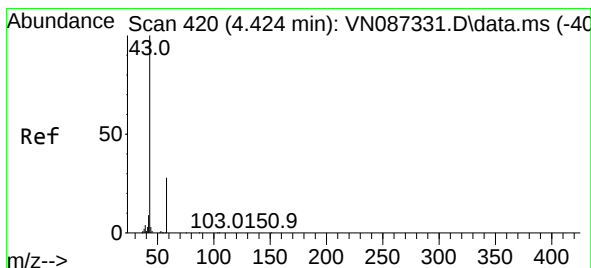
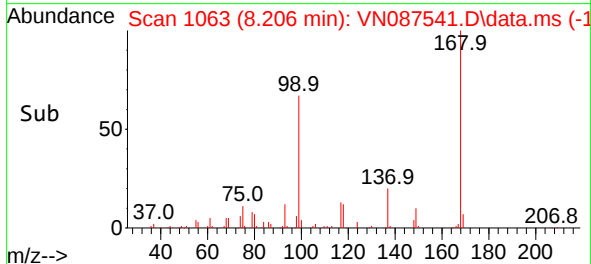
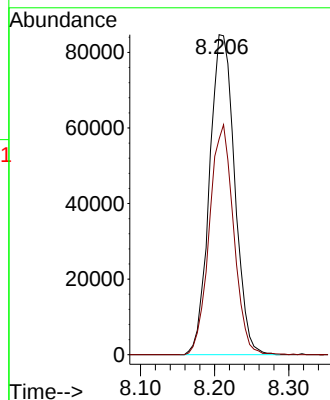
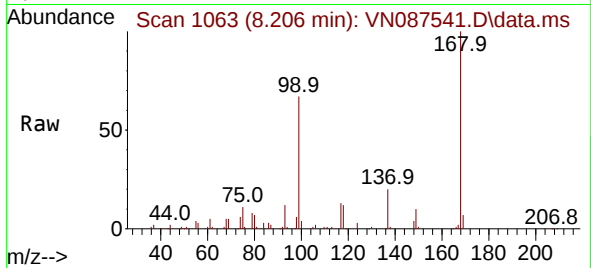




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

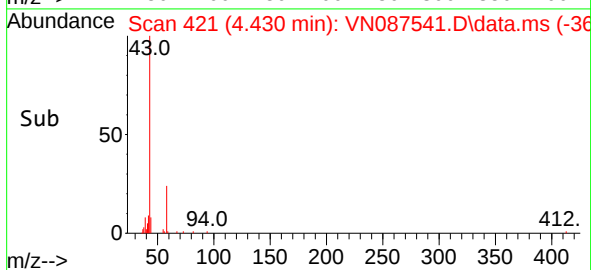
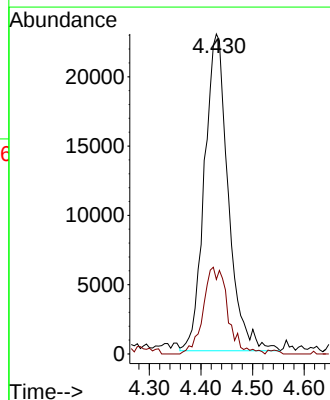
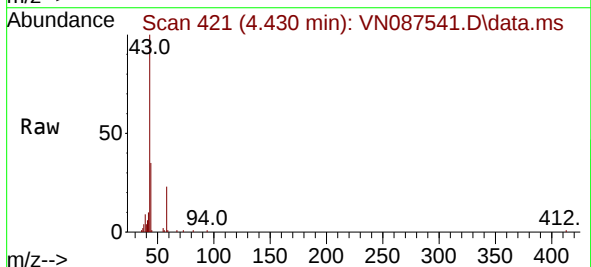
Instrument :
MSVOA_N
ClientSampleId :
TG-S03

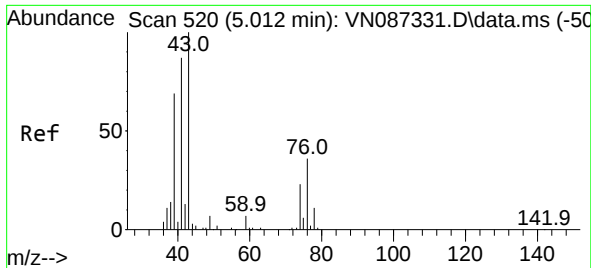
Tgt Ion:168 Resp: 199451
Ion Ratio Lower Upper
168 100
99 67.4 47.9 71.9



#16
Acetone
Concen: 46.049 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

Tgt Ion: 43 Resp: 73070
Ion Ratio Lower Upper
43 100
58 23.6 22.3 33.5

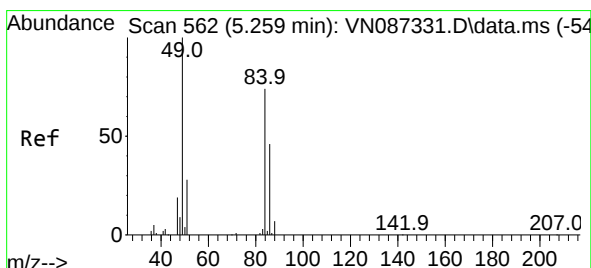
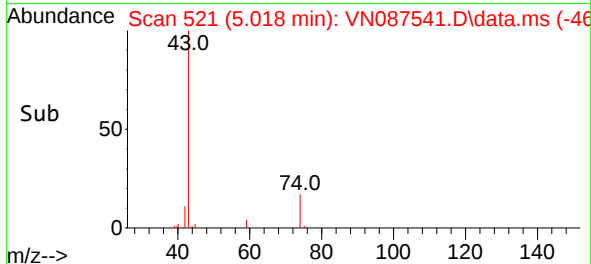
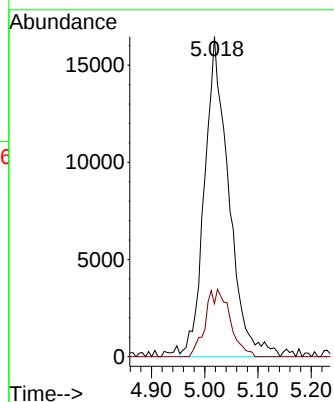
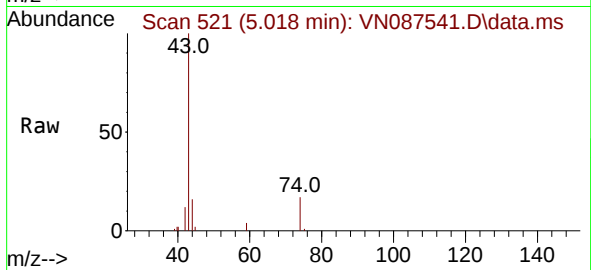




#18
Methyl Acetate
Concen: 13.065 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

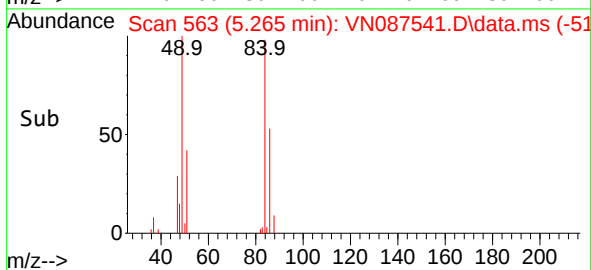
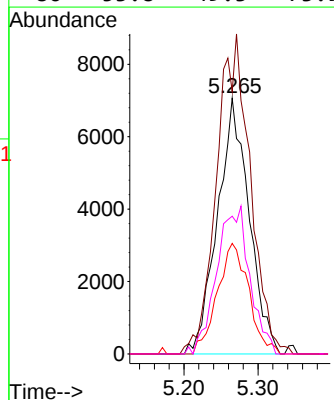
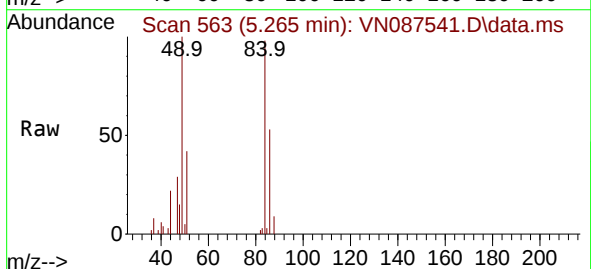
Instrument :
MSVOA_N
ClientSampleId :
TG-S03

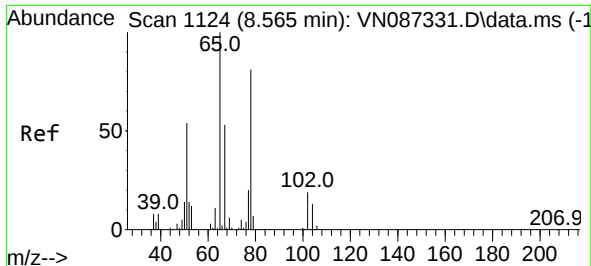
Tgt Ion: 43 Resp: 52084
Ion Ratio Lower Upper
43 100
74 9.0 17.8 26.6#



#20
Methylene Chloride
Concen: 7.258 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

Tgt Ion: 84 Resp: 20937
Ion Ratio Lower Upper
84 100
49 102.5 107.5 161.3#
51 43.2 30.2 45.2
86 53.8 49.3 73.9





#33

1,2-Dichloroethane-d4

Concen: 60.355 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087541.D

Acq: 13 Aug 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

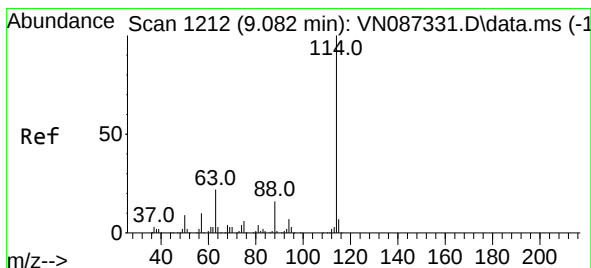
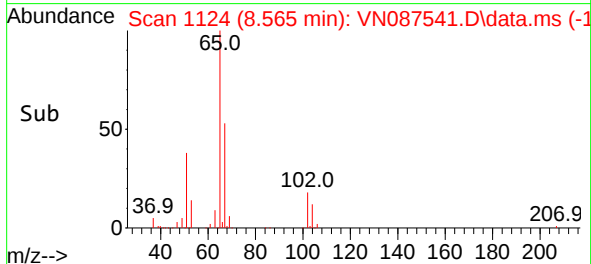
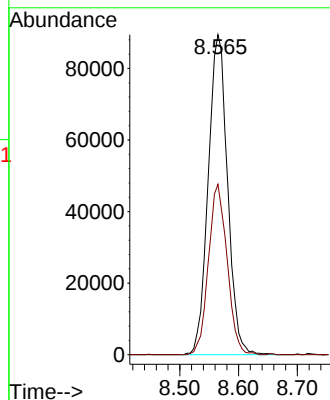
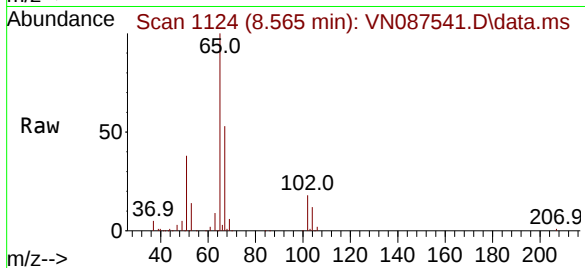
TG-S03

Tgt Ion: 65 Resp: 204257

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VN087541.D

Acq: 13 Aug 2025 17:27

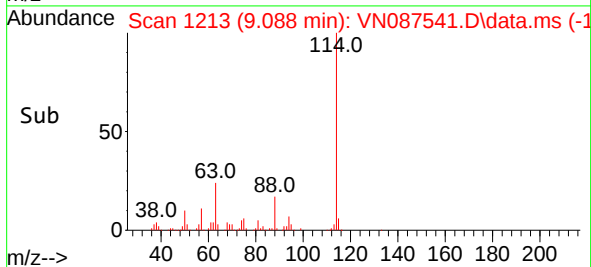
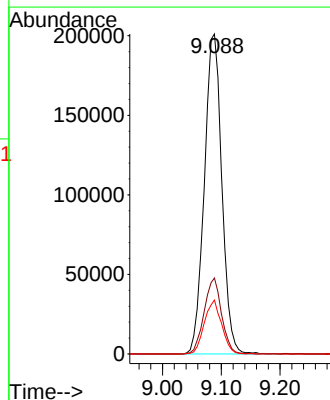
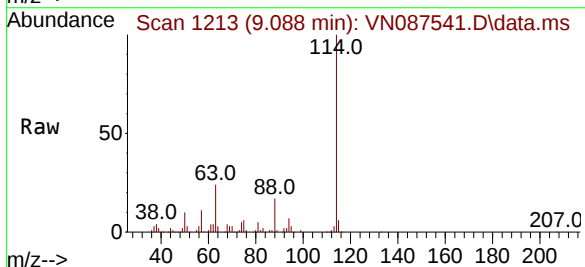
Tgt Ion: 114 Resp: 417141

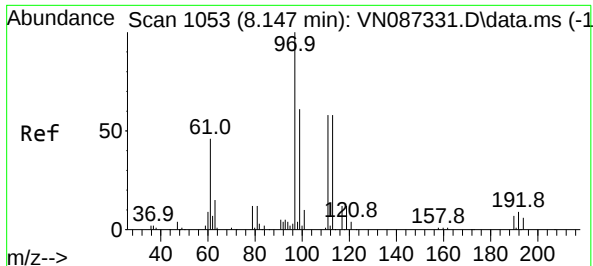
Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.259 ug/l

RT: 8.153 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087541.D

Acq: 13 Aug 2025 17:27

Instrument :

MSVOA_N

ClientSampleId :

TG-S03

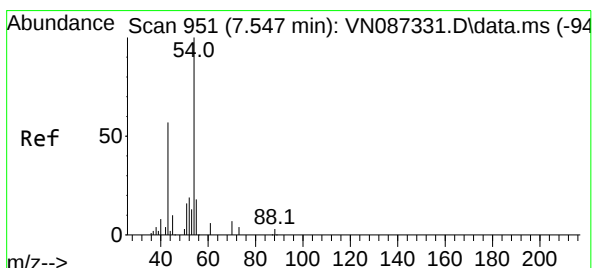
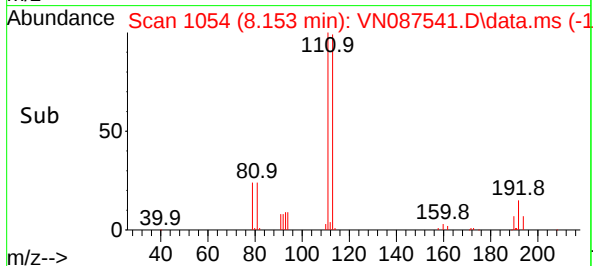
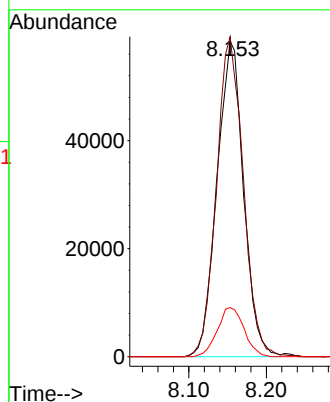
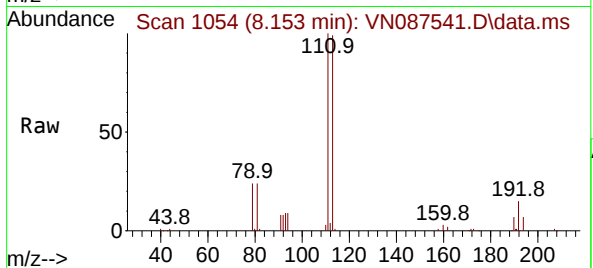
Tgt Ion:113 Resp: 138862

Ion Ratio Lower Upper

113 100

111 102.3 82.5 123.7

192 15.7 13.7 20.5



#37

Ethyl Acetate

Concen: 5.526 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.012 min

Lab File: VN087541.D

Acq: 13 Aug 2025 17:27

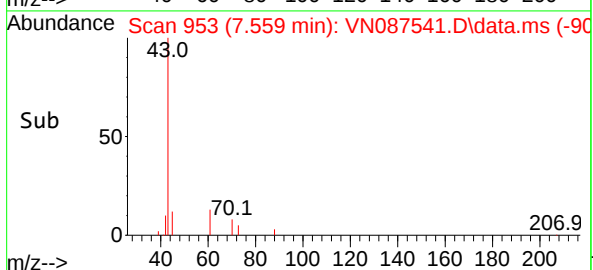
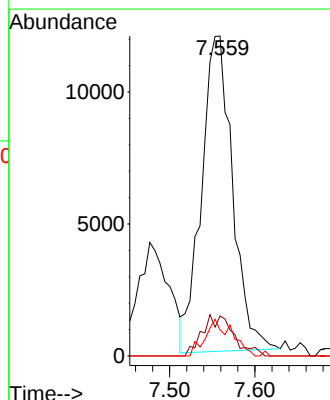
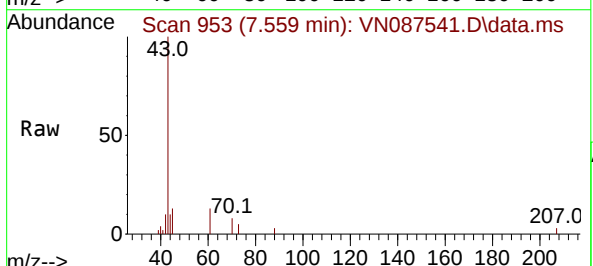
Tgt Ion: 43 Resp: 30339

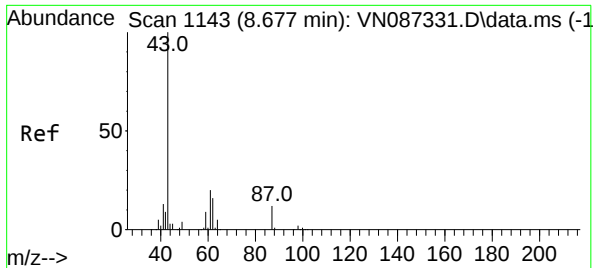
Ion Ratio Lower Upper

43 100

61 13.0 10.9 16.3

70 10.0 7.4 11.0

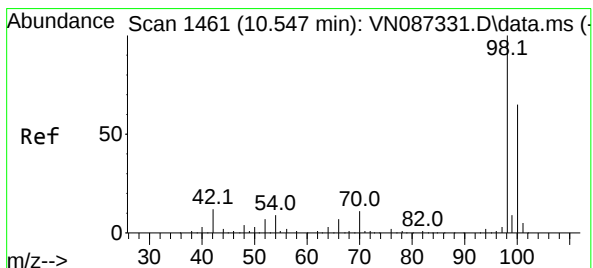
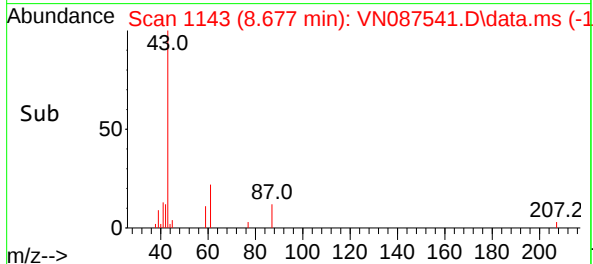
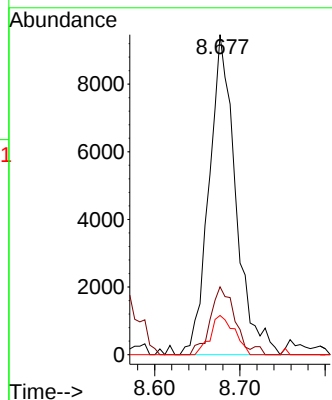
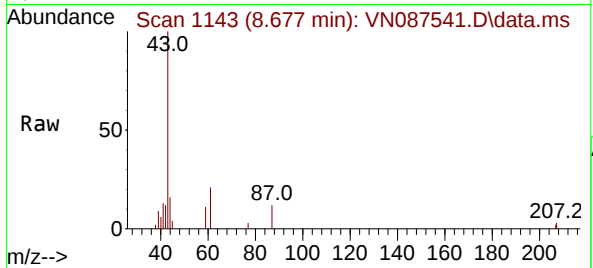




#43
Isopropyl Acetate
Concen: 2.413 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

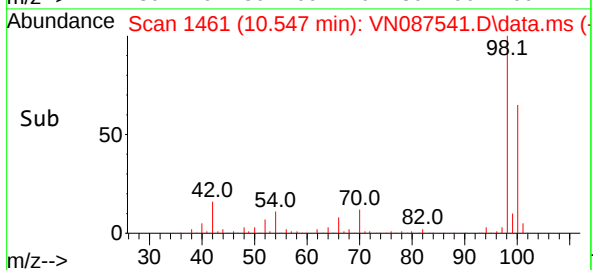
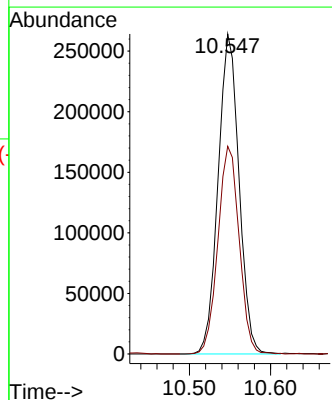
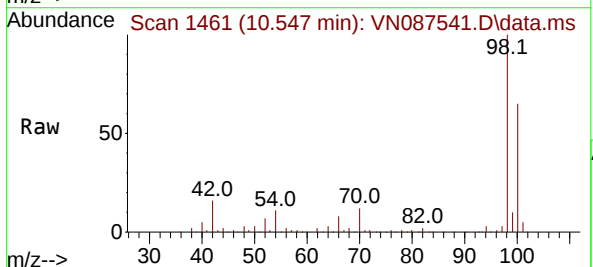
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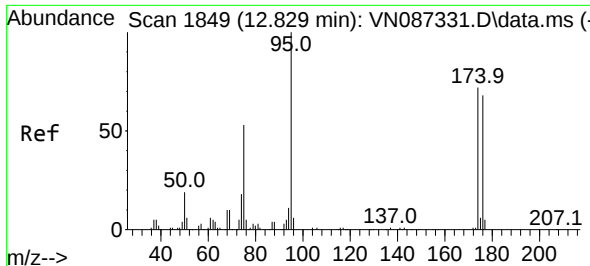
Tgt Ion:	43	Resp:	20562
Ion	Ratio	Lower	Upper
43	100		
61	19.9	19.8	29.8
87	11.0	9.8	14.6



#50
Toluene-d8
Concen: 46.054 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

Tgt Ion:	98	Resp:	472710
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.1	78.1

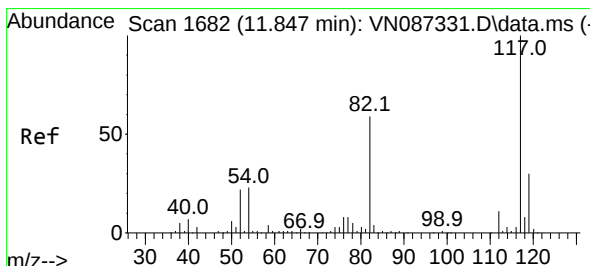
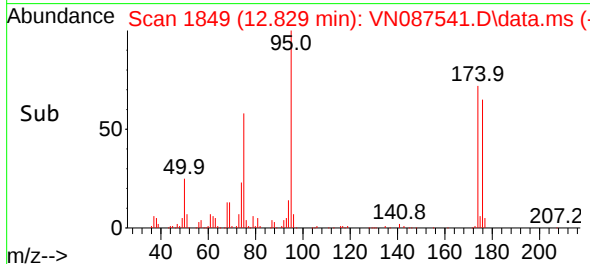
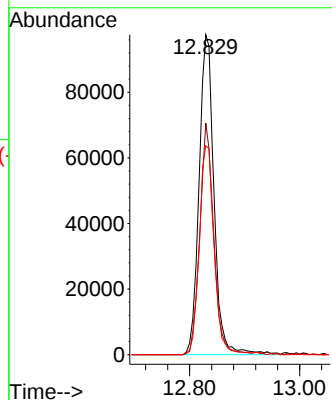
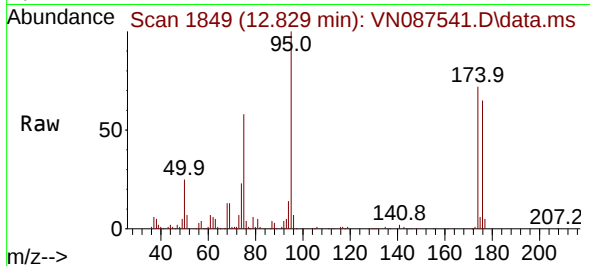




#62
4-Bromofluorobenzene
Concen: 48.522 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

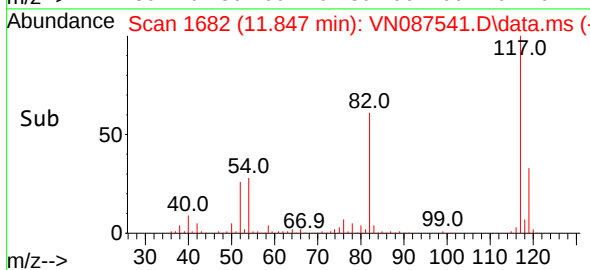
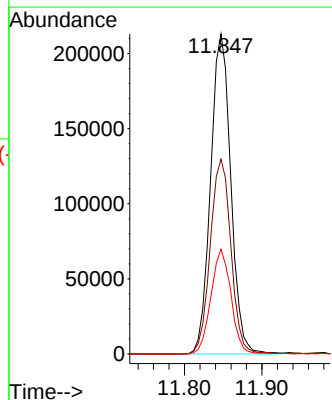
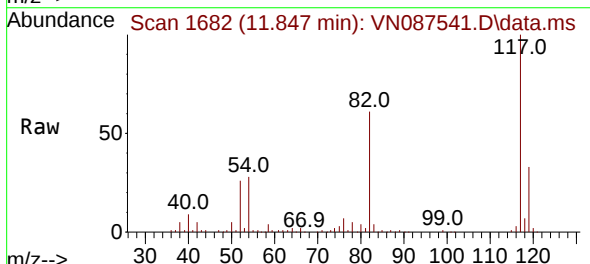
Instrument :
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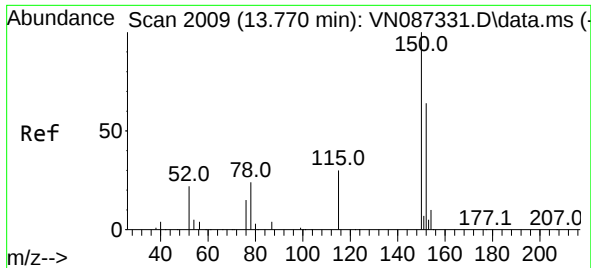
Tgt Ion: 95 Resp: 184001
Ion Ratio Lower Upper
95 100
174 67.2 0.0 149.4
176 64.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087541.D
Acq: 13 Aug 2025 17:27

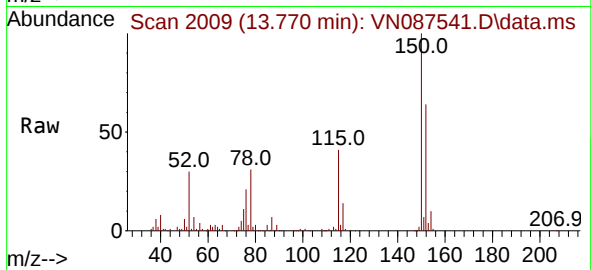
Tgt Ion: 117 Resp: 385827
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.7 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087541.D
 Acq: 13 Aug 2025 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 TG-S03



Tgt Ion:152 Resp: 173385
 Ion Ratio Lower Upper
 152 100
 115 67.1 31.1 93.5
 150 162.6 0.0 349.0

