

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086975.D
 Acq On : 12 Jun 2025 14:23
 Operator : JC\MD
 Sample : Q2280-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-210

Quant Time: Jun 13 01:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

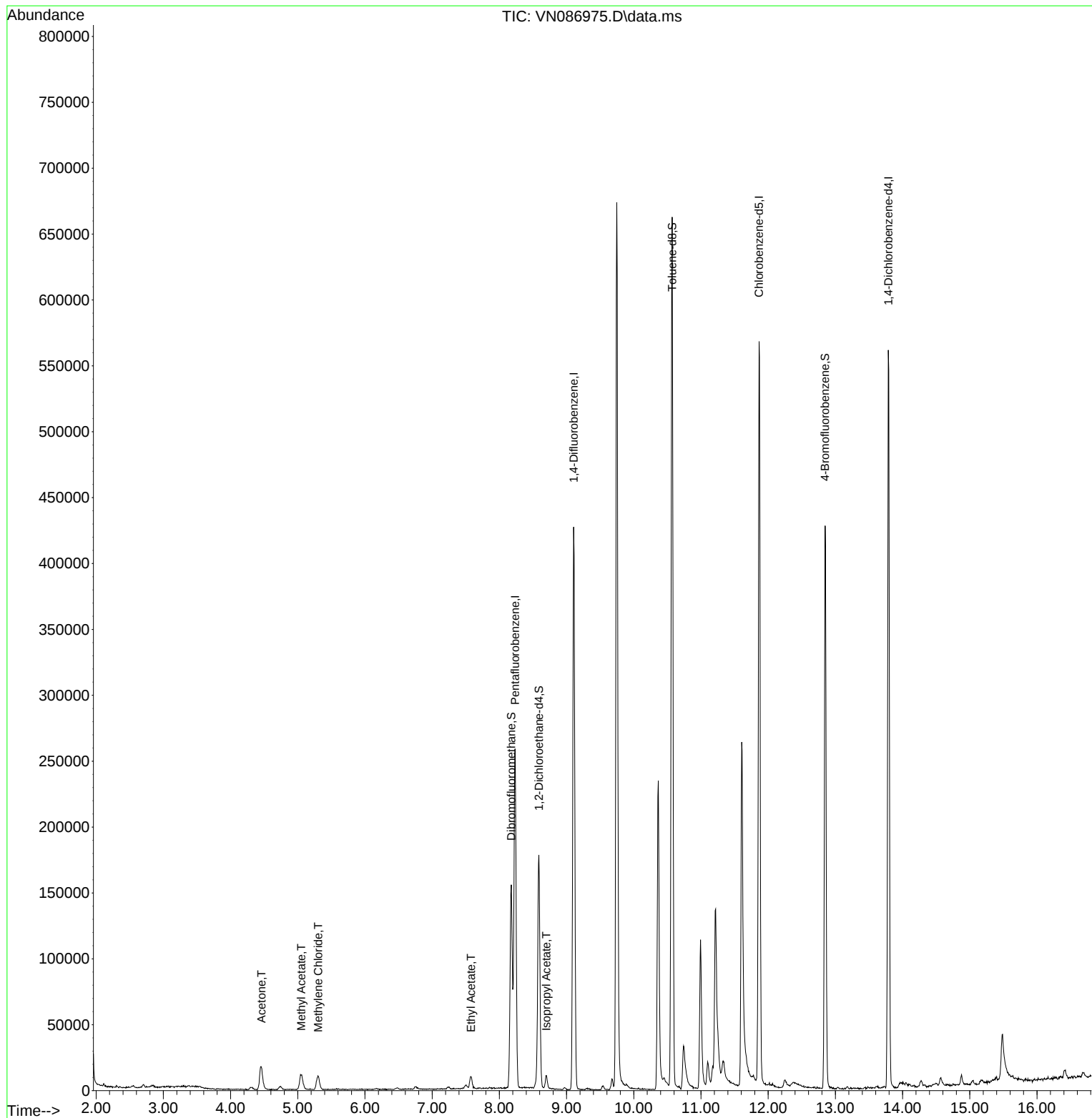
Internal Standards						
1) Pentafluorobenzene	8.236	168	206378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	395714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	351799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	164565	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	142576	51.599	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.200%
35) Dibromofluoromethane	8.177	113	119102	50.788	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.580%
50) Toluene-d8	10.571	98	487842	52.549	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.100%
62) 4-Bromofluorobenzene	12.847	95	170610	49.465	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.920%
Target Compounds						
						Qvalue
16) Acetone	4.459	43	36586	24.968	ug/l	99
18) Methyl Acetate	5.053	43	26484	6.202	ug/l	99
20) Methylene Chloride	5.306	84	9317	3.396	ug/l	93
37) Ethyl Acetate	7.577	43	14677	3.299	ug/l	99
43) Isopropyl Acetate	8.700	43	10728	1.503	ug/l #	91

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

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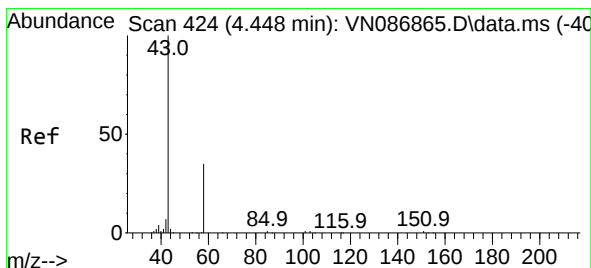
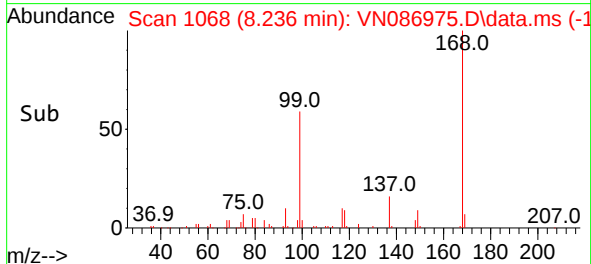
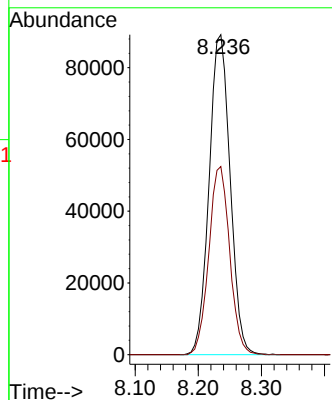
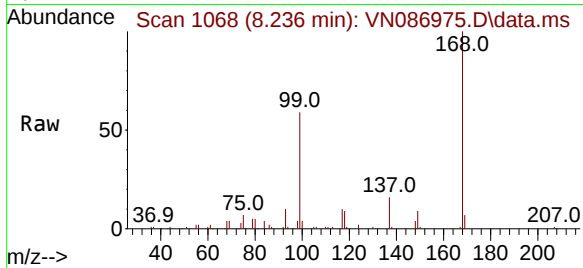




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

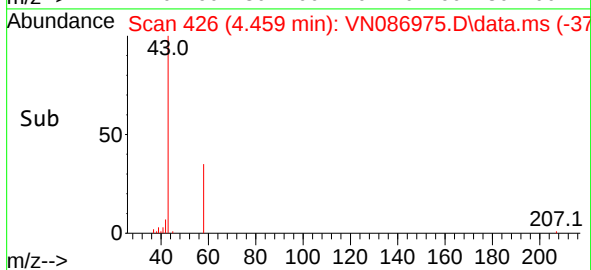
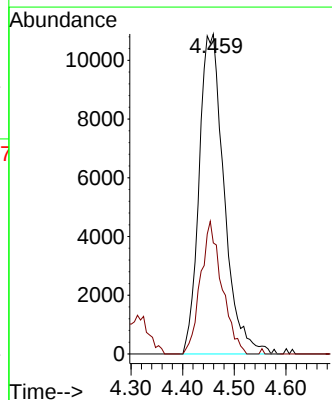
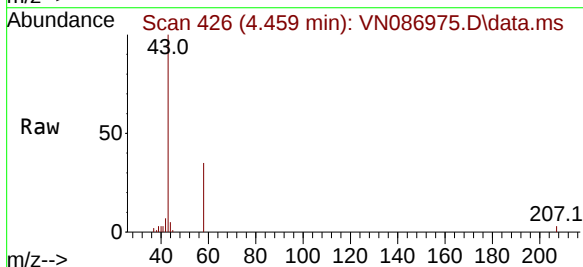
Instrument :
MSVOA_N
ClientSampleId :
VNJ-210

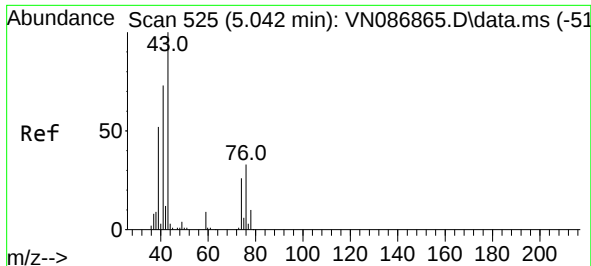
Tgt Ion:168 Resp: 206378
Ion Ratio Lower Upper
168 100
99 58.8 49.1 73.7



#16
Acetone
Concen: 24.968 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

Tgt Ion: 43 Resp: 36586
Ion Ratio Lower Upper
43 100
58 34.7 28.0 42.0

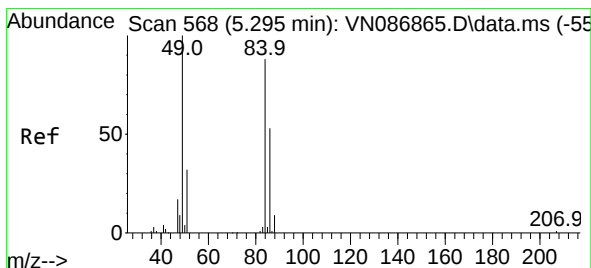
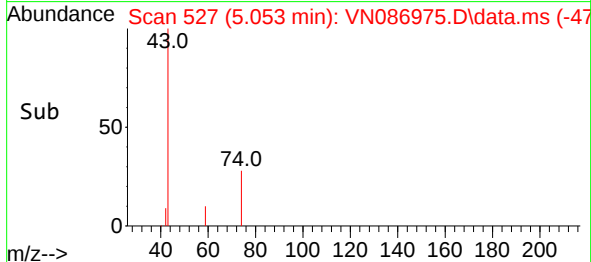
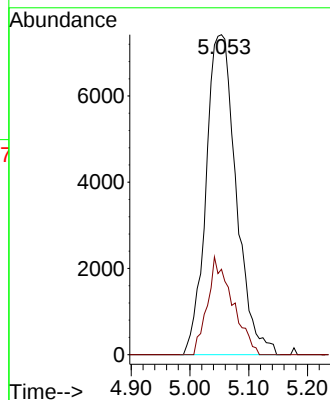
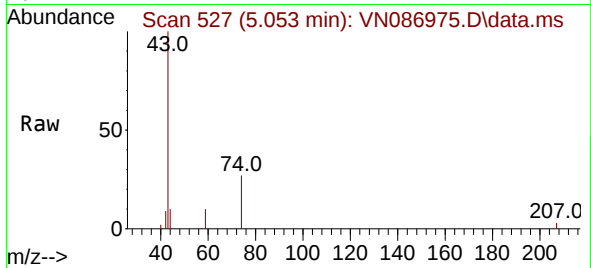




#18
Methyl Acetate
Concen: 6.202 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

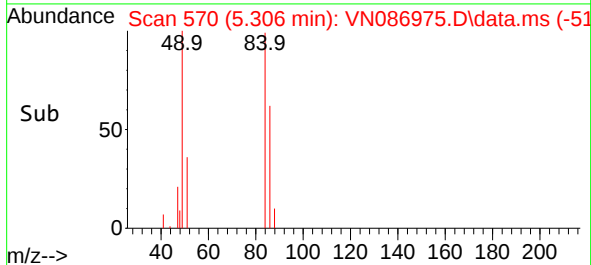
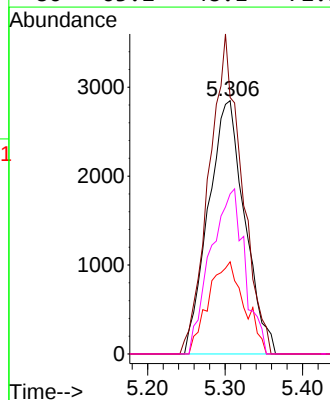
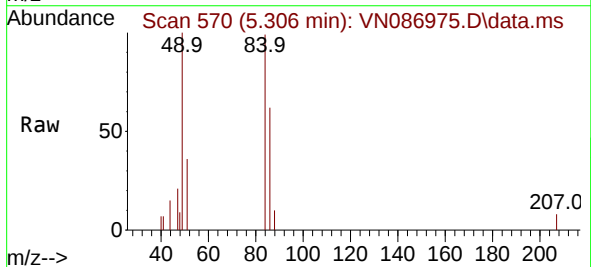
Instrument :
MSVOA_N
ClientSampleId :
VNJ-210

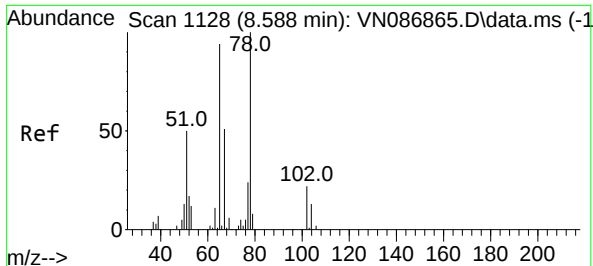
Tgt Ion: 43 Resp: 26484
Ion Ratio Lower Upper
43 100
74 25.3 20.7 31.1



#20
Methylene Chloride
Concen: 3.396 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.012 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

Tgt Ion: 84 Resp: 9317
Ion Ratio Lower Upper
84 100
49 101.2 90.5 135.7
51 36.4 28.5 42.7
86 63.2 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 51.599 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086975.D

Acq: 12 Jun 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

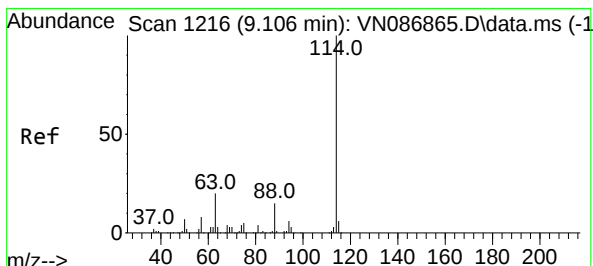
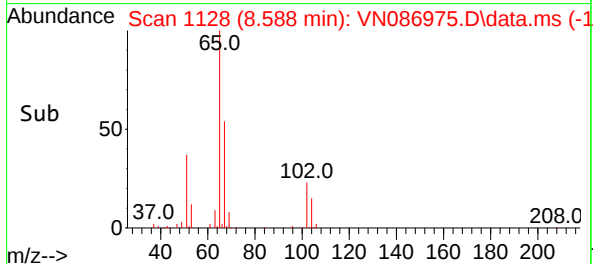
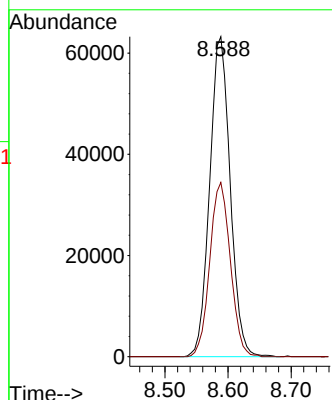
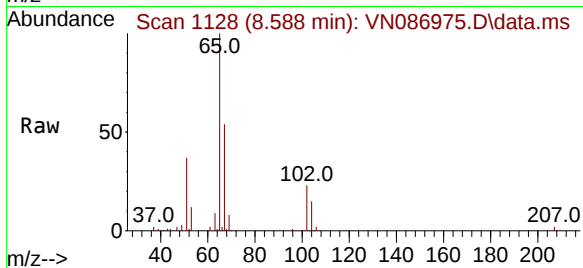
VNJ-210

Tgt Ion: 65 Resp: 142576

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086975.D

Acq: 12 Jun 2025 14:23

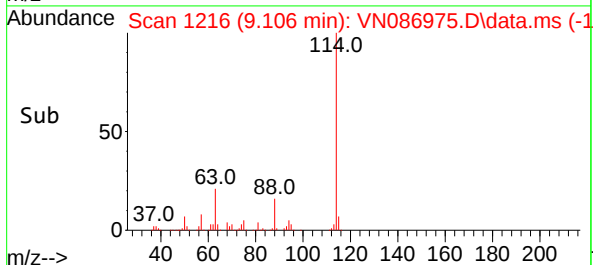
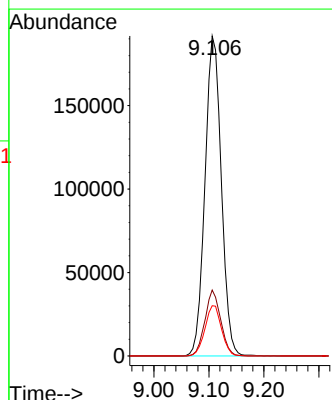
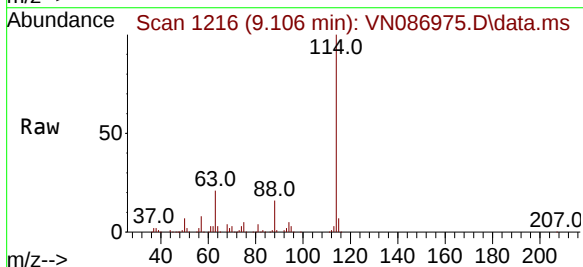
Tgt Ion: 114 Resp: 395714

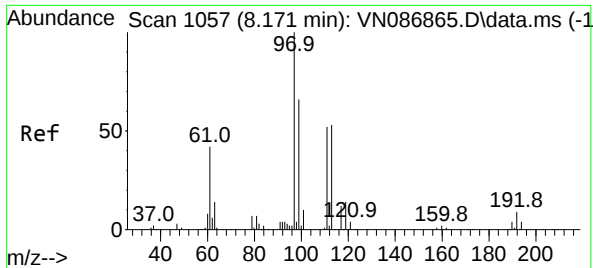
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.7 0.0 30.2

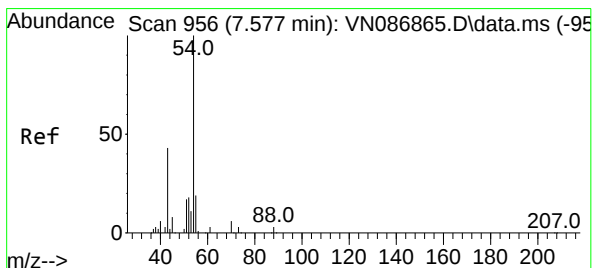
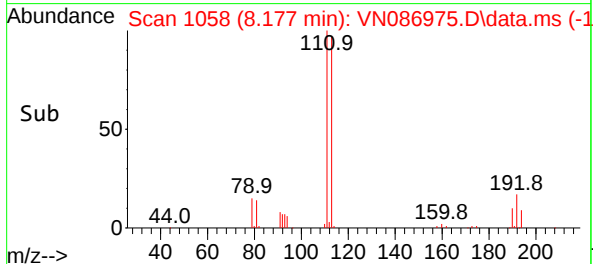
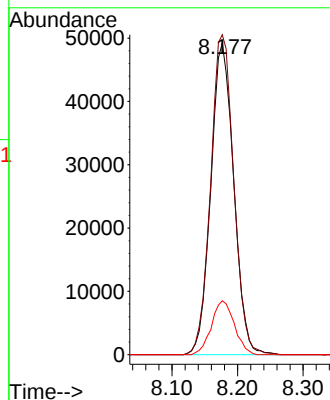
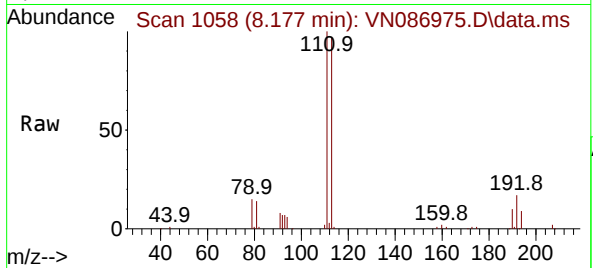




#35
Dibromofluoromethane
Concen: 50.788 ug/l
RT: 8.177 min Scan# 113
Delta R.T. 0.006 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

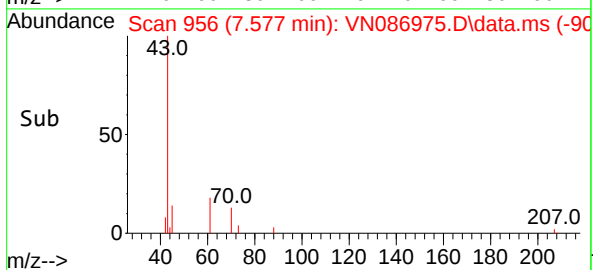
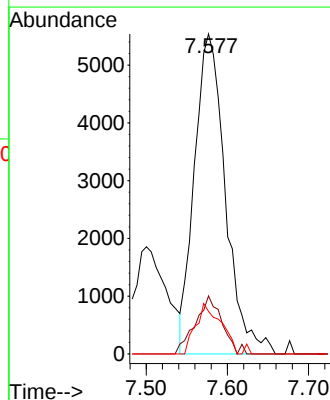
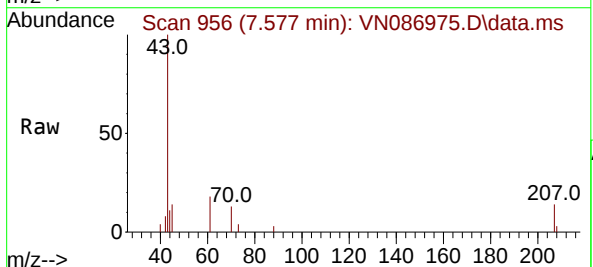
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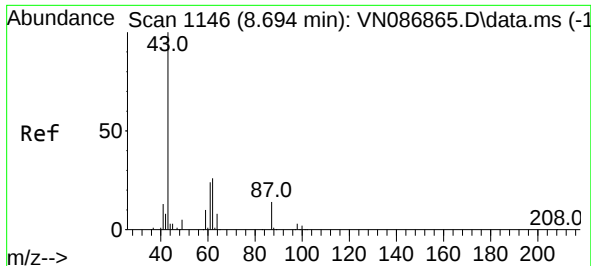
Tgt Ion:113 Resp: 119102
Ion Ratio Lower Upper
113 100
111 103.9 84.2 126.2
192 17.4 14.2 21.4



#37
Ethyl Acetate
Concen: 3.299 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

Tgt Ion: 43 Resp: 14677
Ion Ratio Lower Upper
43 100
61 15.6 12.1 18.1
70 12.8 9.8 14.6

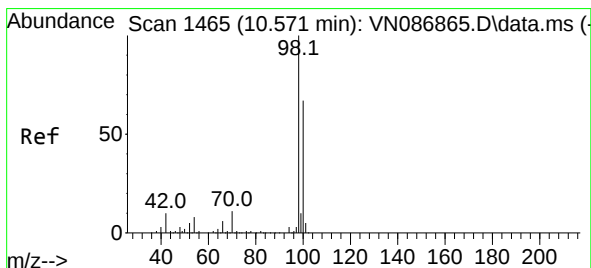
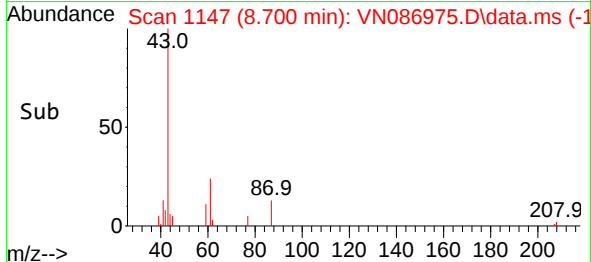
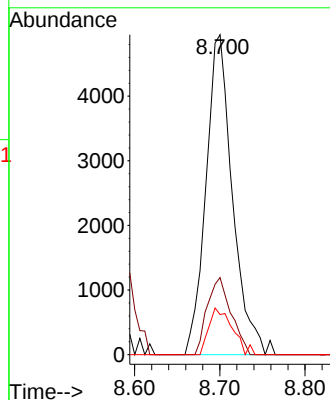
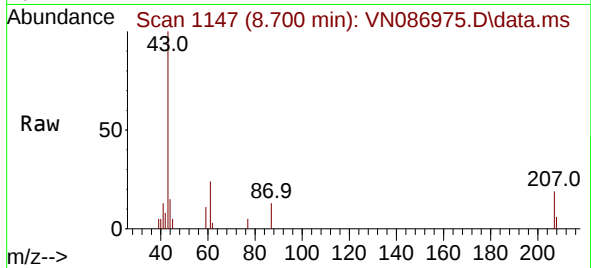




#43
Isopropyl Acetate
Concen: 1.503 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

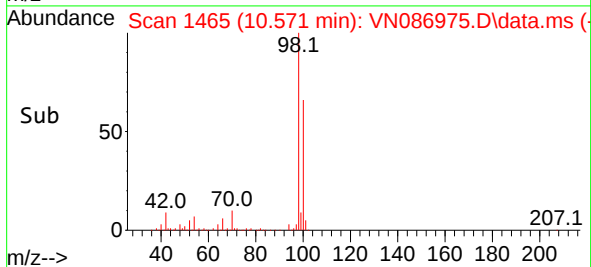
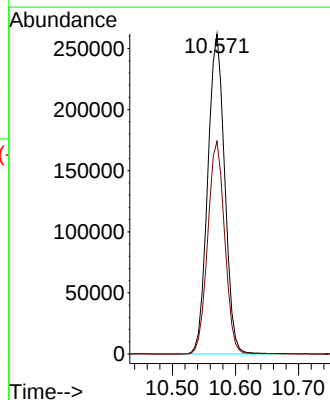
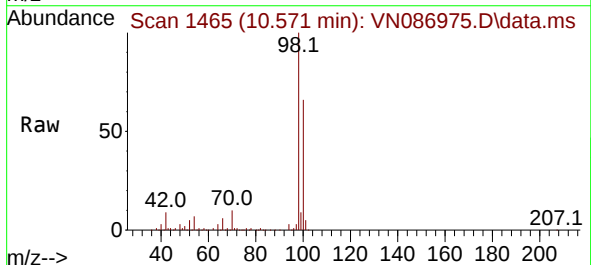
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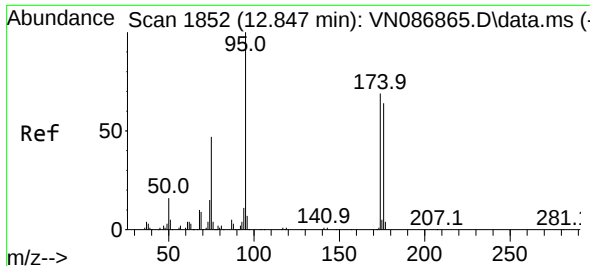
Tgt Ion: 43 Resp: 10728
Ion Ratio Lower Upper
43 100
61 21.7 22.1 33.1#
87 12.9 11.8 17.6



#50
Toluene-d8
Concen: 52.549 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

Tgt Ion: 98 Resp: 487842
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0

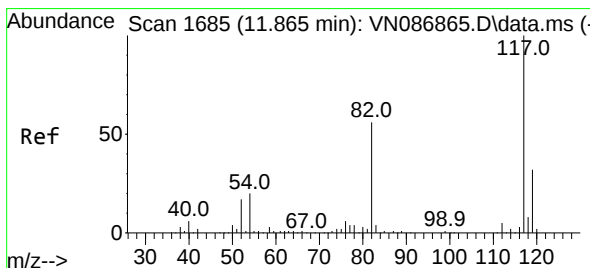
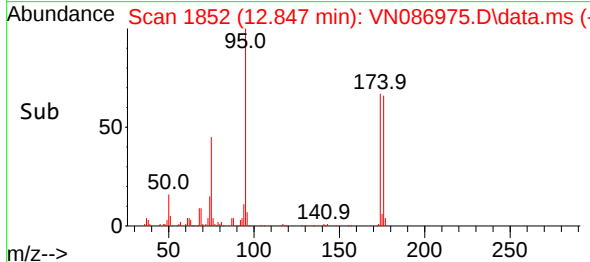
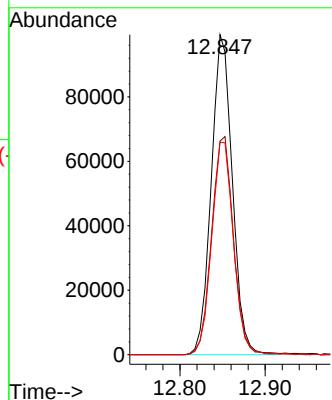
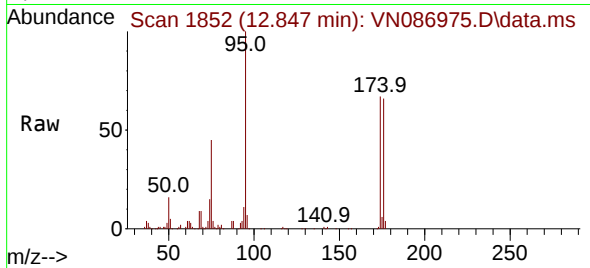




#62
4-Bromofluorobenzene
Concen: 49.465 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

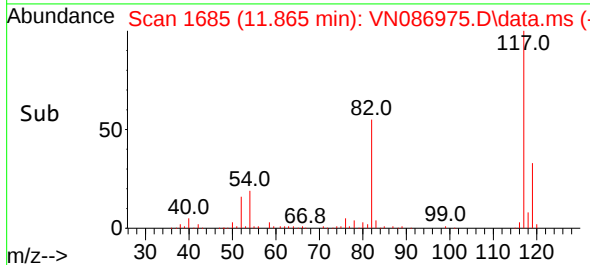
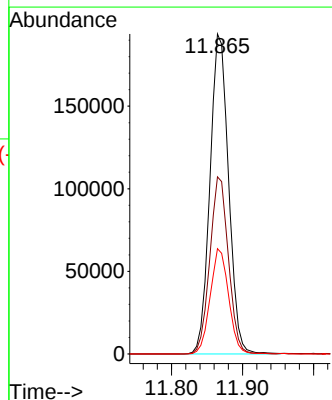
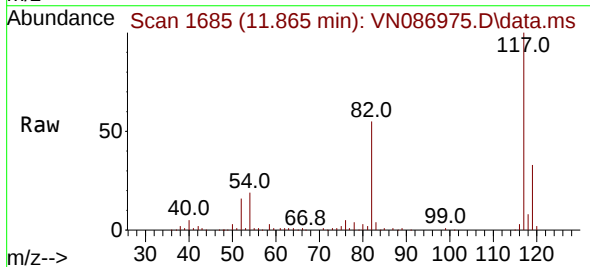
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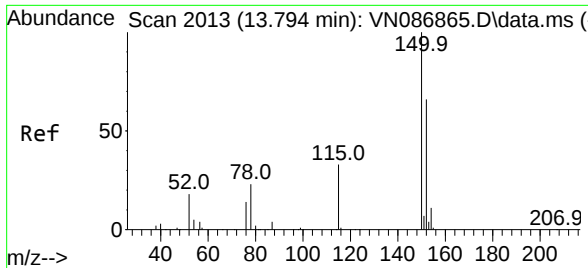
Tgt Ion: 95 Resp: 170610
Ion Ratio Lower Upper
95 100
174 70.5 0.0 141.8
176 68.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086975.D
Acq: 12 Jun 2025 14:23

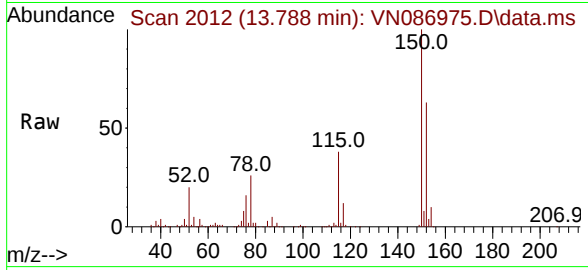
Tgt Ion: 117 Resp: 351799
Ion Ratio Lower Upper
117 100
82 55.4 44.6 67.0
119 32.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086975.D
 Acq: 12 Jun 2025 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VNJ-210



Tgt Ion:152 Resp: 164565
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.1 90.5
 150 159.1 0.0 345.0

