

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031325\
 Data File : VN085978.D
 Acq On : 13 Mar 2025 14:13
 Operator : JC\MD
 Sample : PB167104ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167104ZHE#03

Quant Time: Mar 14 00:28:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

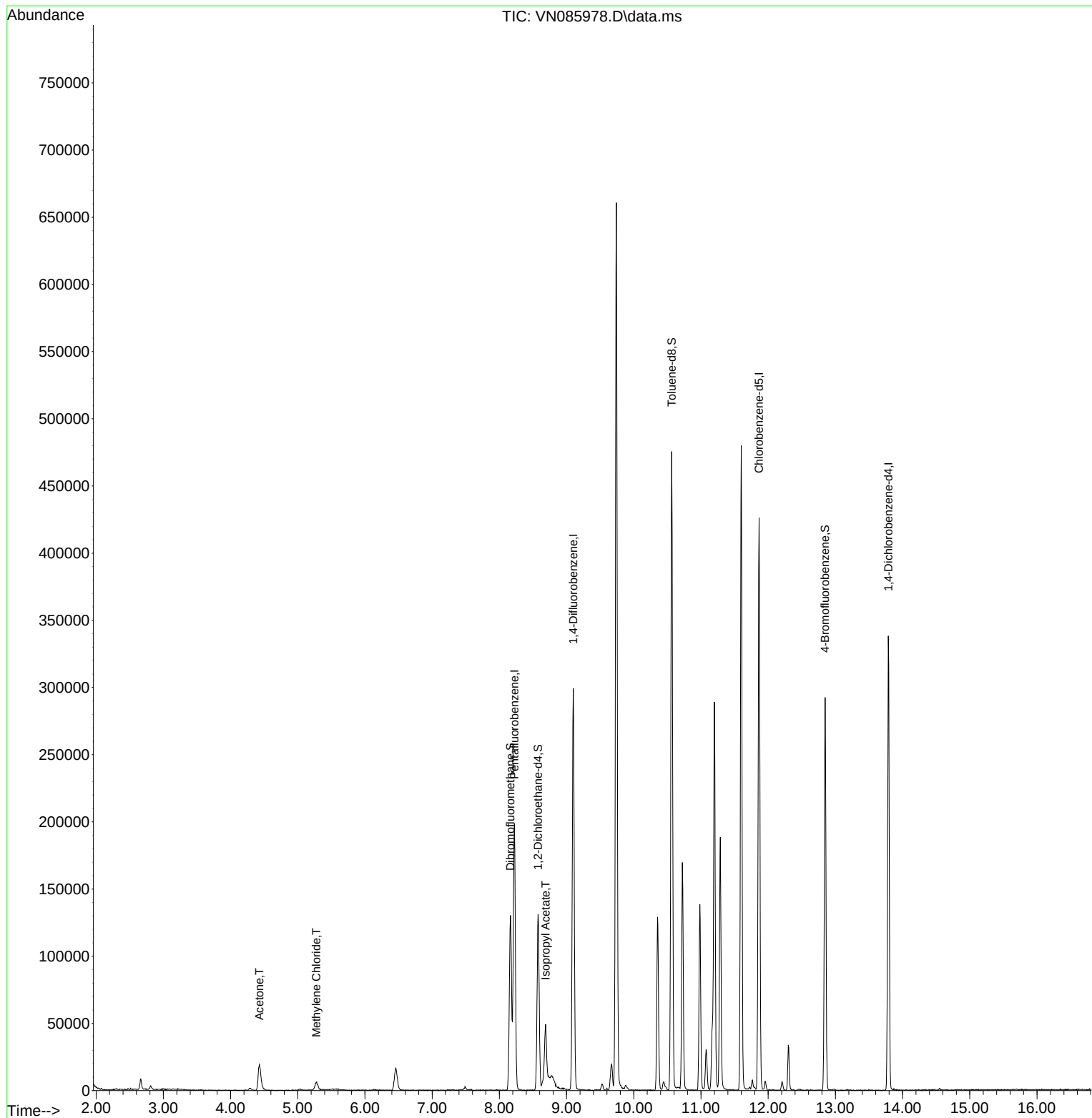
Internal Standards						
1) Pentafluorobenzene	8.224	168	138076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	255417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110421	61.684	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 123.360%		
35) Dibromofluoromethane	8.165	113	92554	55.378	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.760%		
50) Toluene-d8	10.565	98	334525	55.013	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.020%		
62) 4-Bromofluorobenzene	12.847	95	98547	49.188	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 98.380%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	36037	63.622	ug/l	95
20) Methylene Chloride	5.277	84	4701	2.581	ug/l #	90
43) Isopropyl Acetate	8.688	43	60483	17.348	ug/l #	83

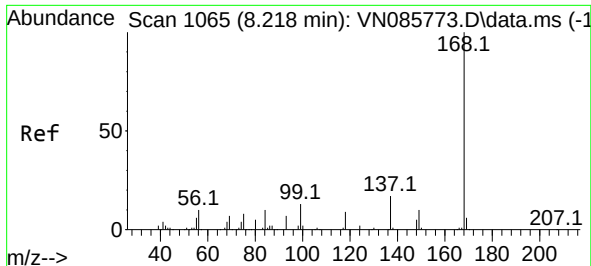
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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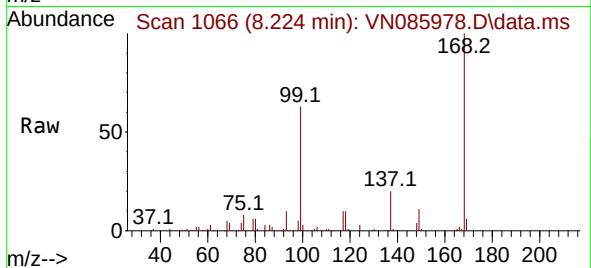
Quant Time: Mar 14 00:28:50 2025
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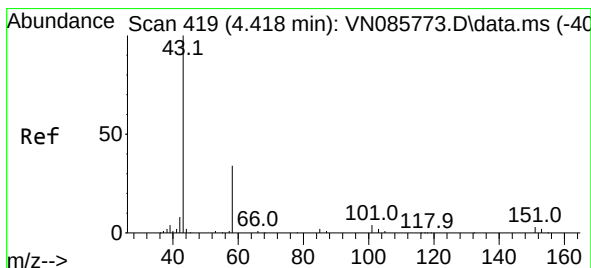
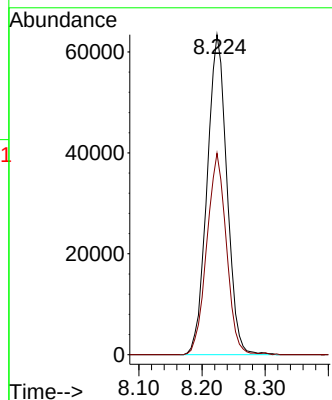
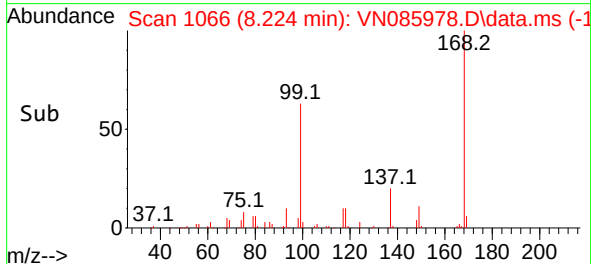


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

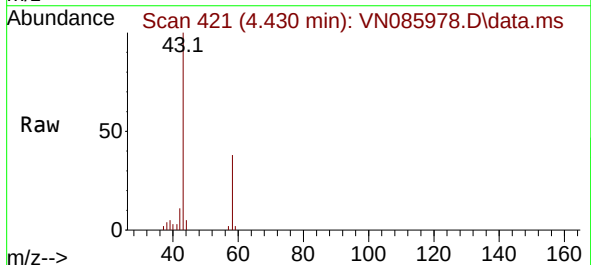
Instrument :
MSVOA_N
ClientSampleId :
PB167104ZHE#03



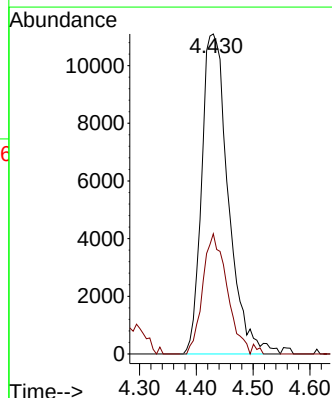
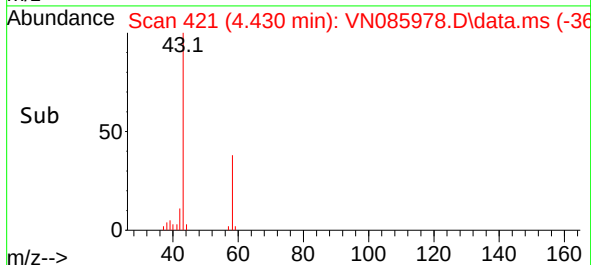
Tgt Ion:168 Resp: 138076
Ion Ratio Lower Upper
168 100
99 63.0 47.9 71.9

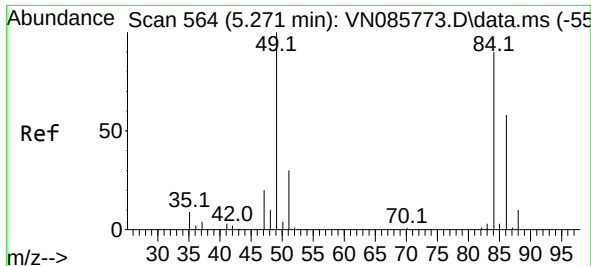


#16
Acetone
Concen: 63.622 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13



Tgt Ion: 43 Resp: 36037
Ion Ratio Lower Upper
43 100
58 37.5 27.5 41.3



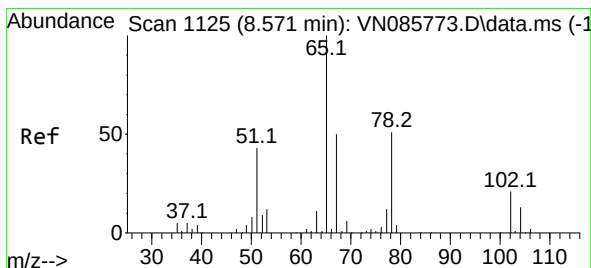
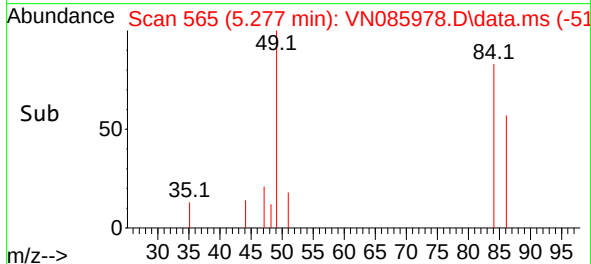
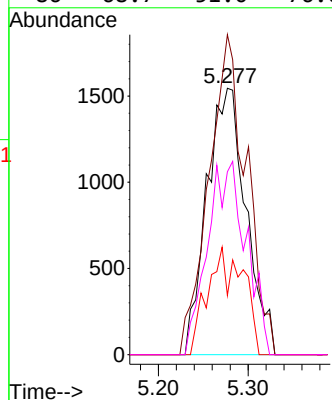
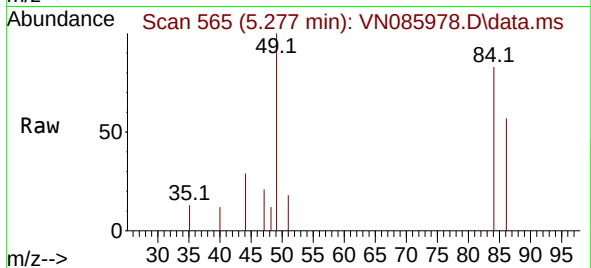


#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

Instrument :
MSVOA_N
ClientSampleId :
PB167104ZHE#03

Tgt Ion: 84 Resp: 4701

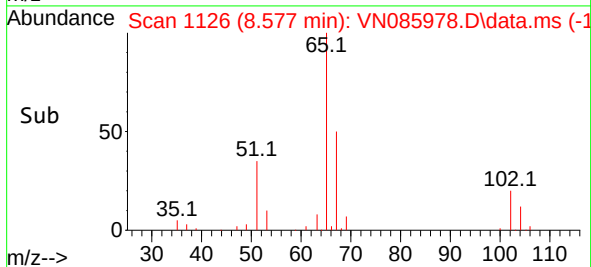
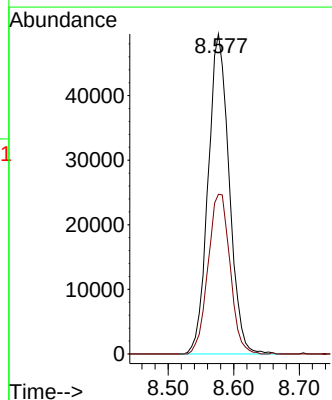
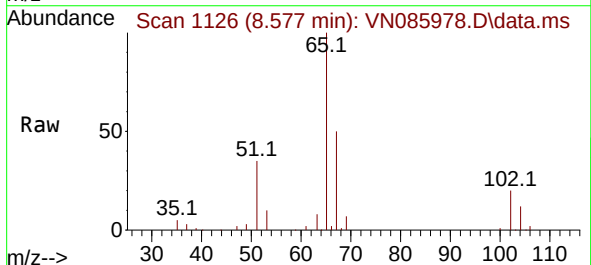
Ion	Ratio	Lower	Upper
84	100		
49	120.1	88.4	132.6
51	22.2	26.6	40.0#
86	68.7	51.0	76.6

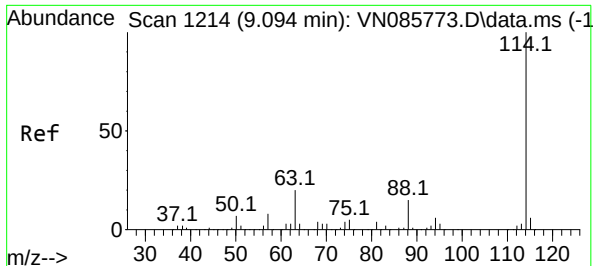


#33
1,2-Dichloroethane-d4
Concen: 61.684 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

Tgt Ion: 65 Resp: 110421

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085978.D

Acq: 13 Mar 2025 14:13

Instrument :

MSVOA_N

ClientSampleId :

PB167104ZHE#03

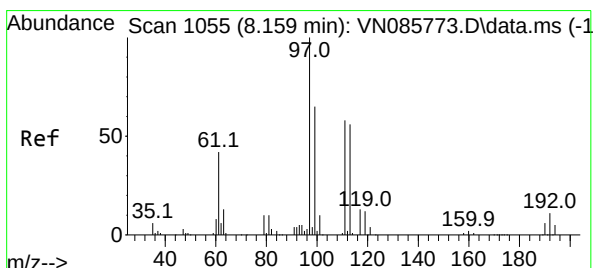
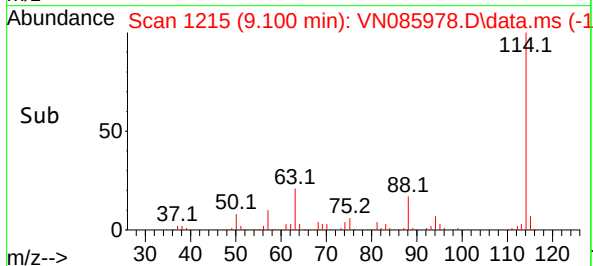
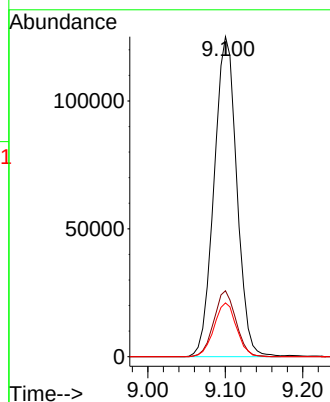
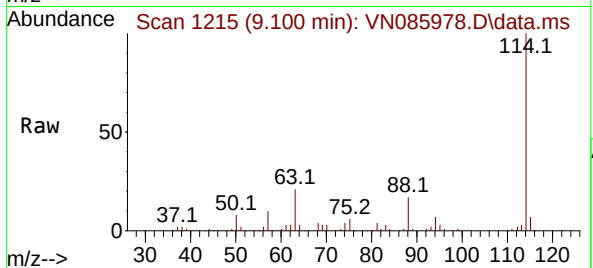
Tgt Ion:114 Resp: 255417

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 16.8 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.378 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085978.D

Acq: 13 Mar 2025 14:13

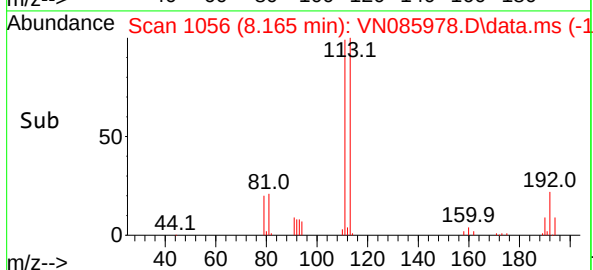
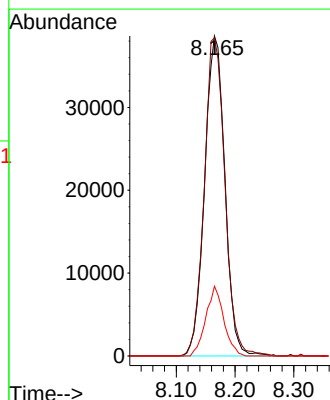
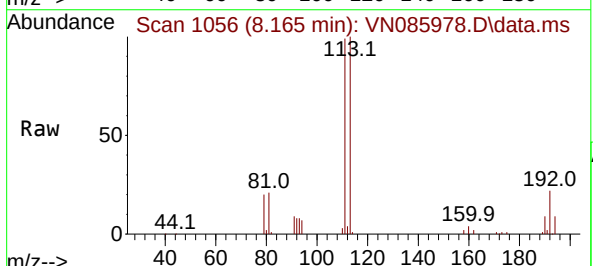
Tgt Ion:113 Resp: 92554

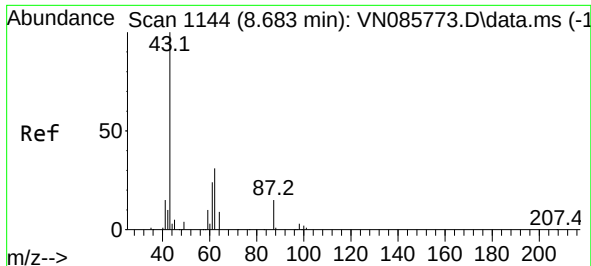
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 19.3 14.7 22.1

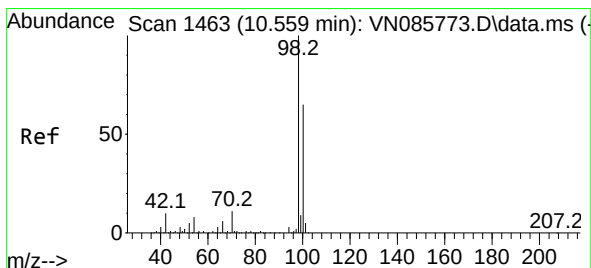
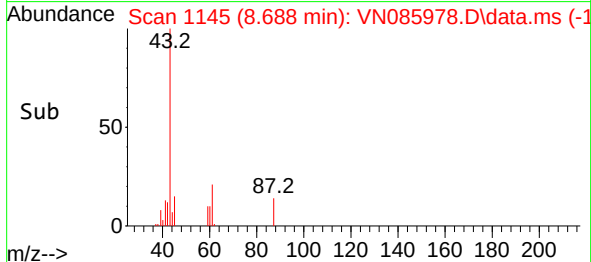
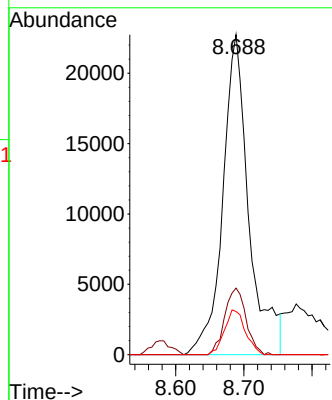
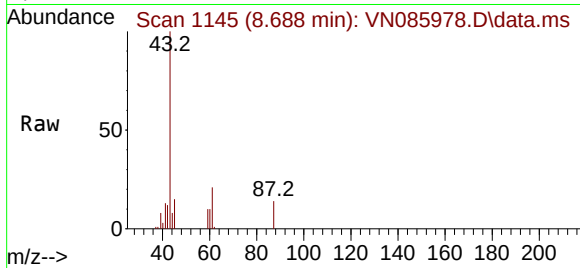




#43
Isopropyl Acetate
Concen: 17.348 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

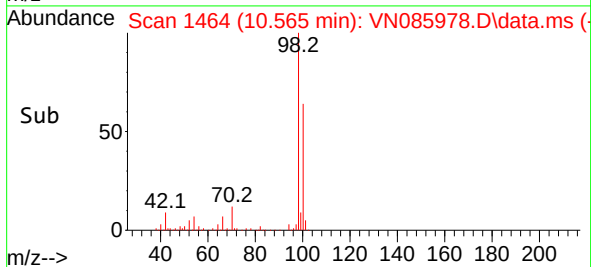
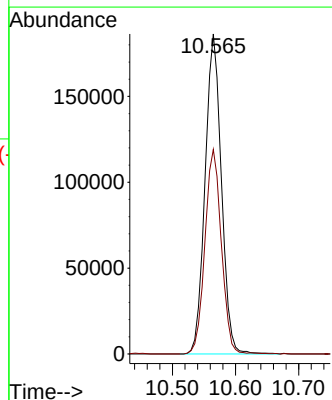
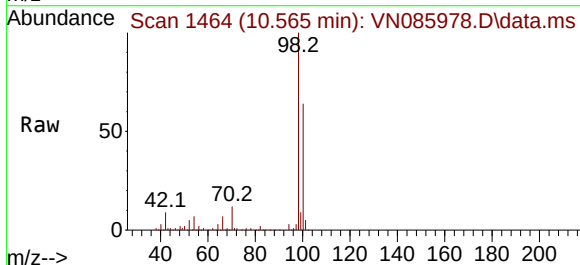
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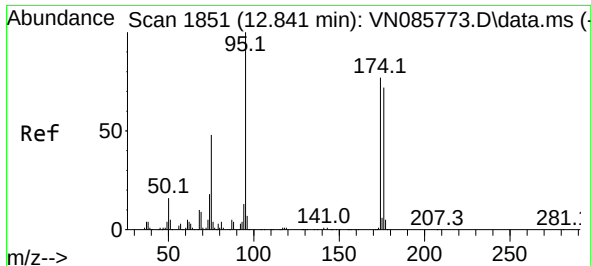
Tgt Ion: 43 Resp: 60483
Ion Ratio Lower Upper
43 100
61 17.1 22.6 34.0#
87 11.2 11.8 17.8#



#50
Toluene-d8
Concen: 55.013 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

Tgt Ion: 98 Resp: 334525
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

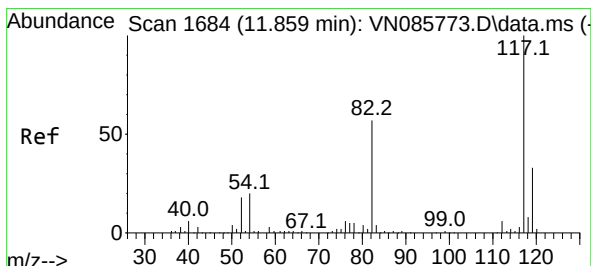
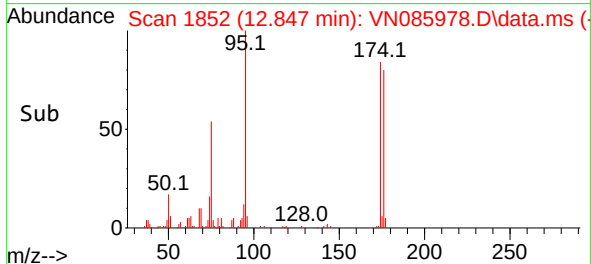
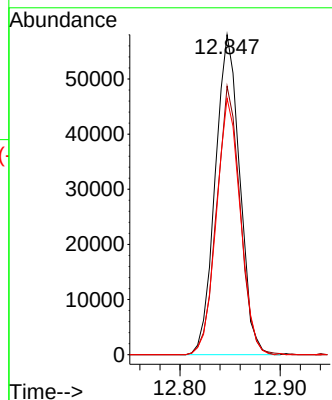
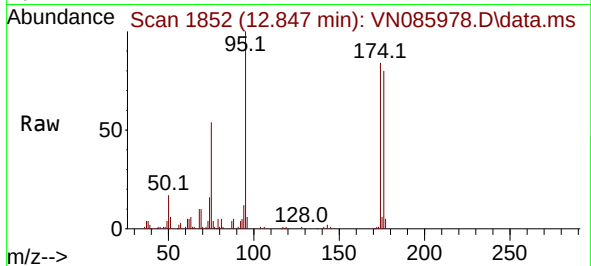




#62
4-Bromofluorobenzene
Concen: 49.188 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

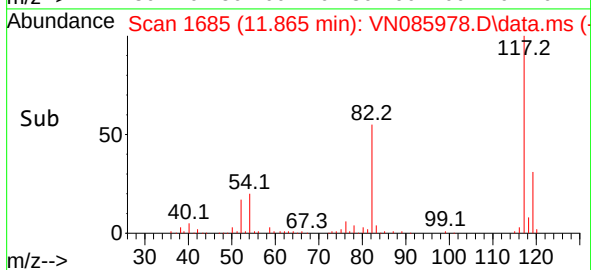
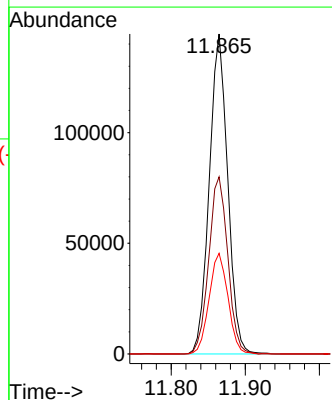
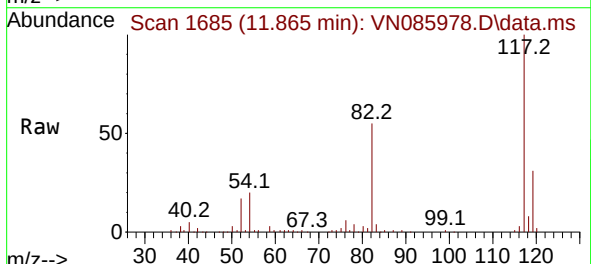
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MSVOA_N
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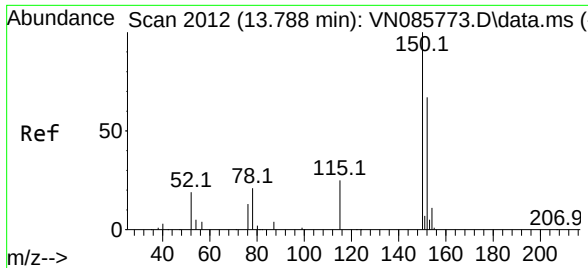
Tgt Ion: 95 Resp: 98547
Ion Ratio Lower Upper
95 100
174 80.6 0.0 152.4
176 78.6 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085978.D
Acq: 13 Mar 2025 14:13

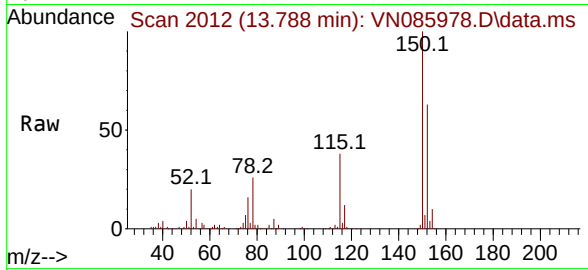
Tgt Ion: 117 Resp: 249278
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 31.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085978.D
 Acq: 13 Mar 2025 14:13

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167104ZHE#03



Tgt Ion:	152	Resp:	93745
Ion Ratio	Lower	Upper	
152	100		
115	62.2	30.4	91.3
150	155.8	0.0	345.4

