

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085900.D
 Acq On : 06 Mar 2025 15:54
 Operator : JC\MD
 Sample : PB166989ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#02

Quant Time: Mar 07 00:40:00 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)

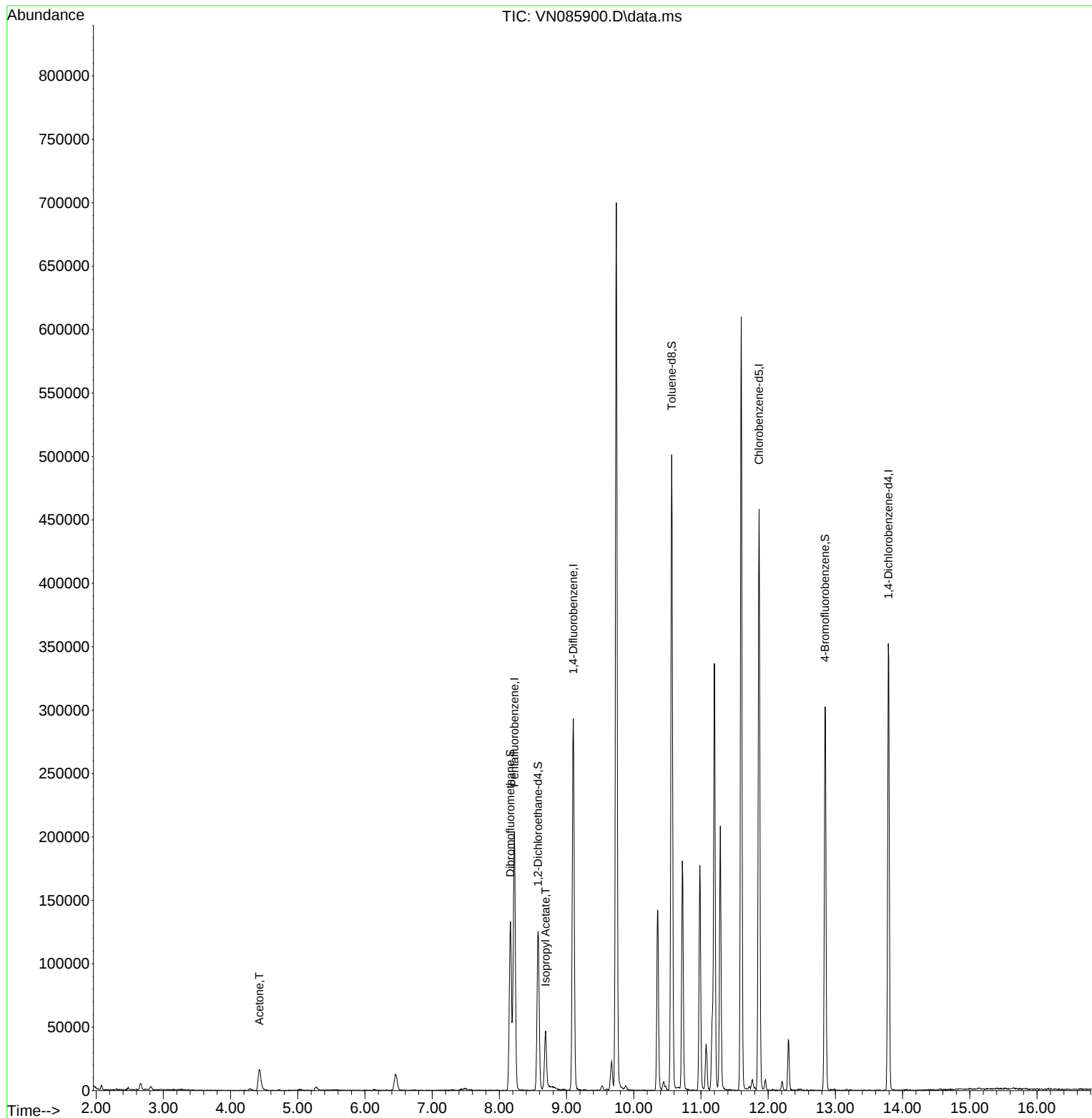
Internal Standards						
1) Pentafluorobenzene	8.224	168	146240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	107938	56.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.860%			
35) Dibromofluoromethane	8.165	113	94981	55.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.880%			
50) Toluene-d8	10.565	98	357466	57.353	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 114.700%#			
62) 4-Bromofluorobenzene	12.847	95	109572	53.357	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.720%			
Target Compounds						Qvalue
16) Acetone	4.430	43	31249	52.089	ug/l	89
43) Isopropyl Acetate	8.688	43	48428	13.431	ug/l #	91

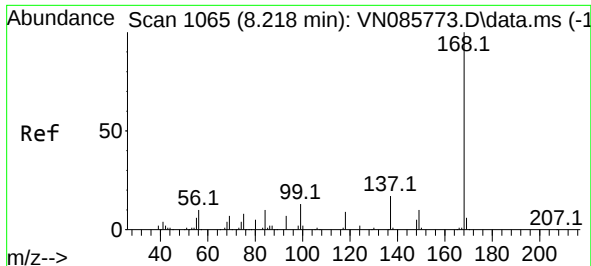
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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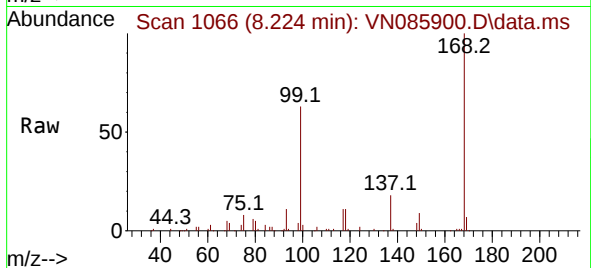
Quant Time: Mar 07 00:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
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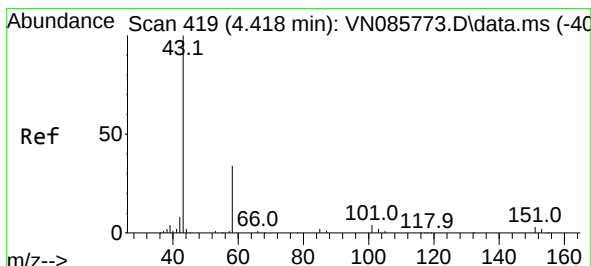
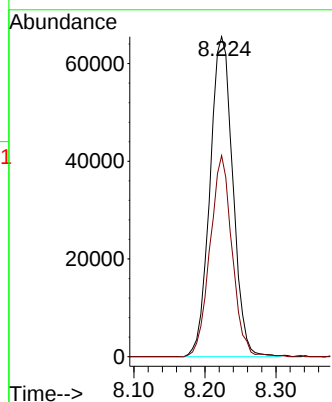
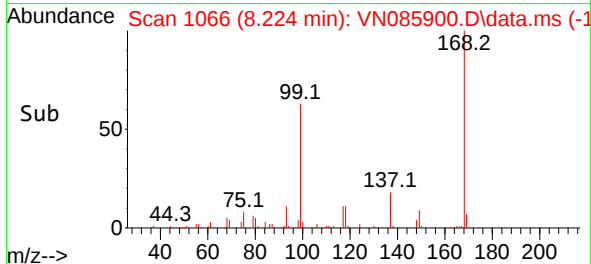


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54

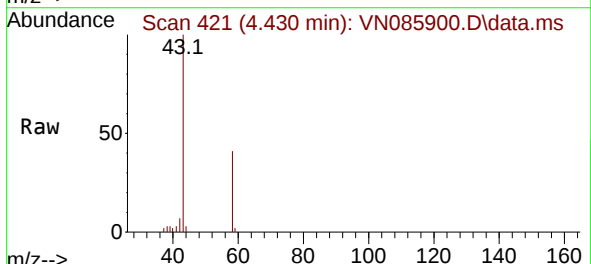
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#02



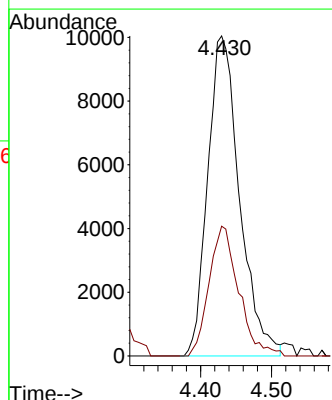
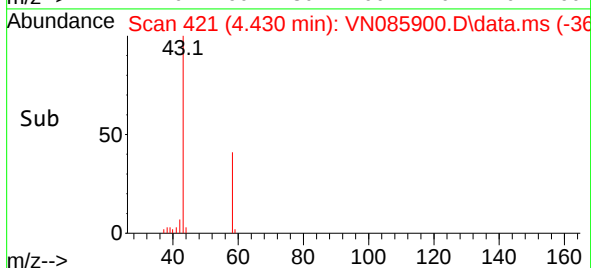
Tgt Ion:168 Resp: 146240
Ion Ratio Lower Upper
168 100
99 62.8 47.9 71.9

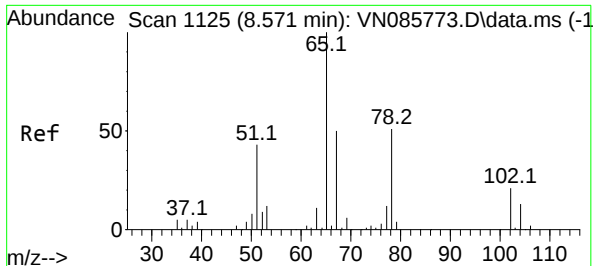


#16
Acetone
Concen: 52.089 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54



Tgt Ion: 43 Resp: 31249
Ion Ratio Lower Upper
43 100
58 40.6 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 56.931 ug/l

RT: 8.576 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085900.D

Acq: 06 Mar 2025 15:54

Instrument :

MSVOA_N

ClientSampleId :

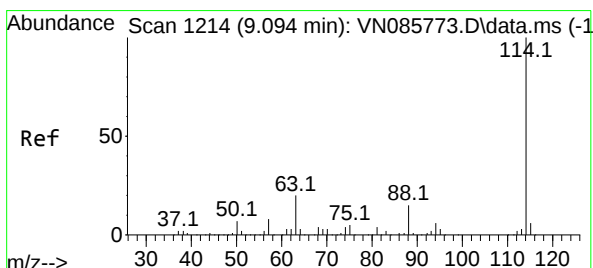
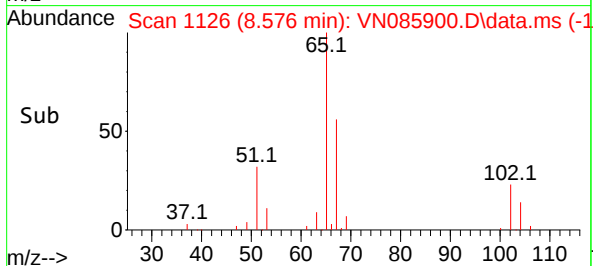
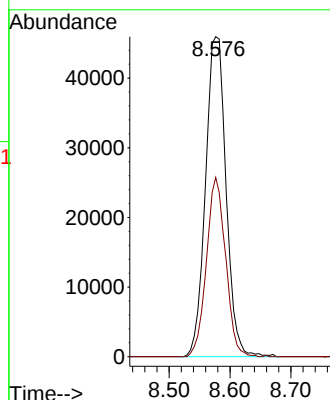
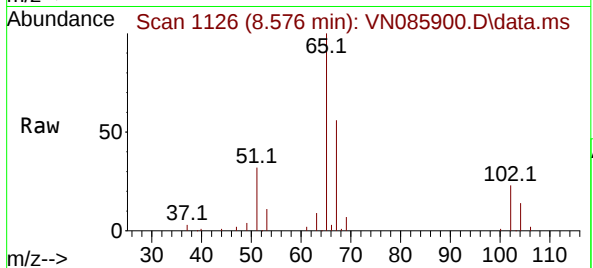
PB166989ZHE#02

Tgt Ion: 65 Resp: 107938

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# 1215

Delta R.T. 0.006 min

Lab File: VN085900.D

Acq: 06 Mar 2025 15:54

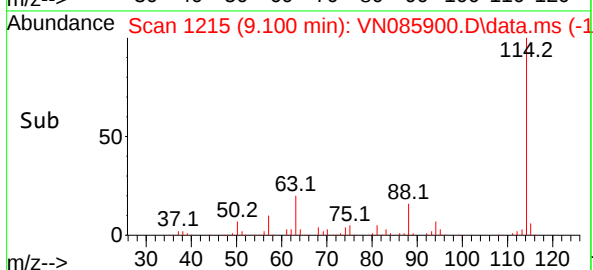
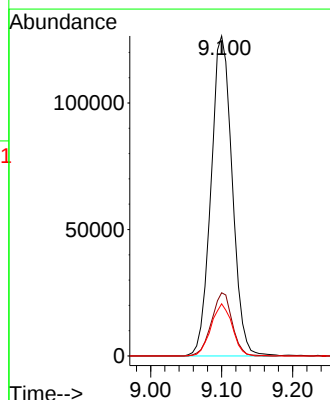
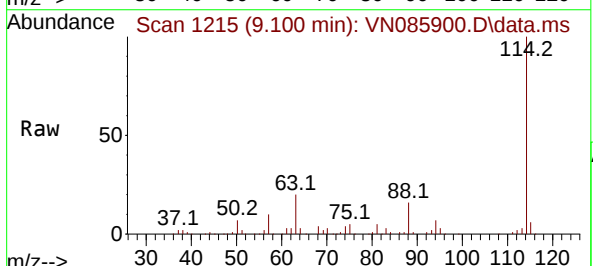
Tgt Ion: 114 Resp: 261799

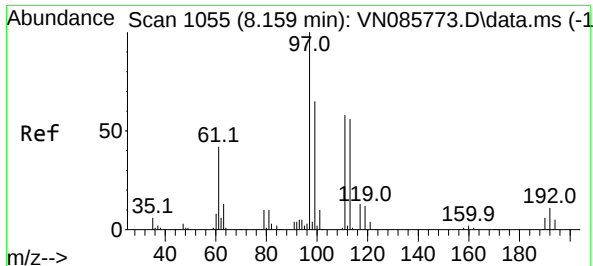
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 16.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.444 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085900.D

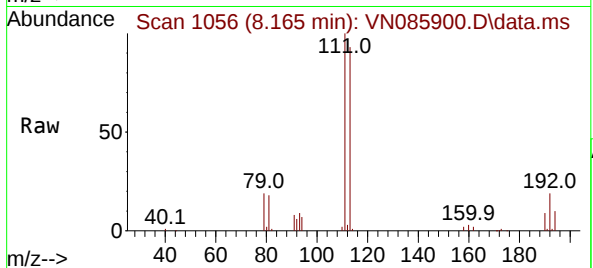
Acq: 06 Mar 2025 15:54

Instrument :

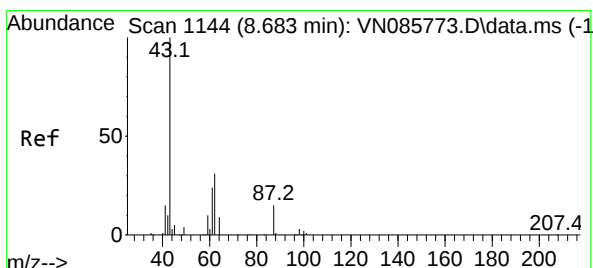
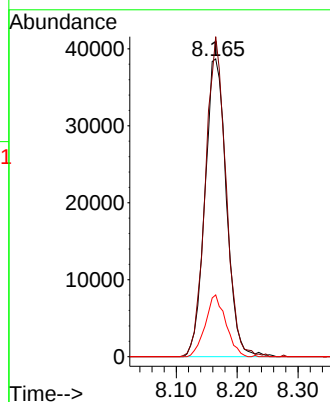
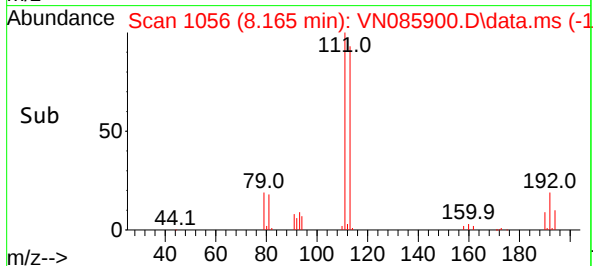
MSVOA_N

ClientSampleId :

PB166989ZHE#02



Tgt Ion:	113	Resp:	94981
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	19.8	14.7	22.1



#43

Isopropyl Acetate

Concen: 13.431 ug/l

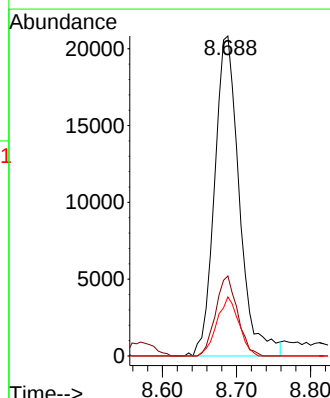
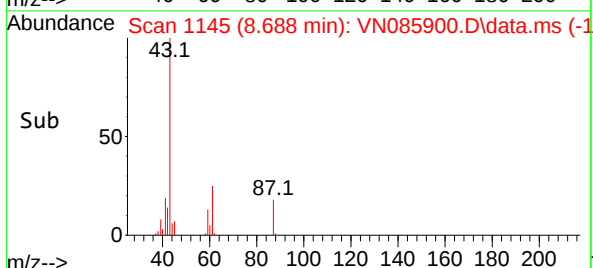
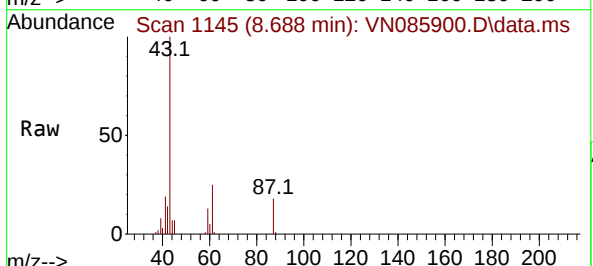
RT: 8.688 min Scan# 1145

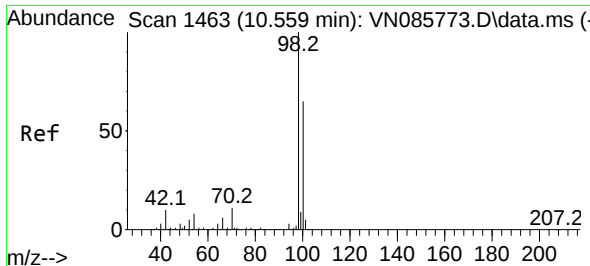
Delta R.T. 0.005 min

Lab File: VN085900.D

Acq: 06 Mar 2025 15:54

Tgt Ion:	43	Resp:	48428
Ion	Ratio	Lower	Upper
43	100		
61	22.0	22.6	34.0#
87	16.3	11.8	17.8

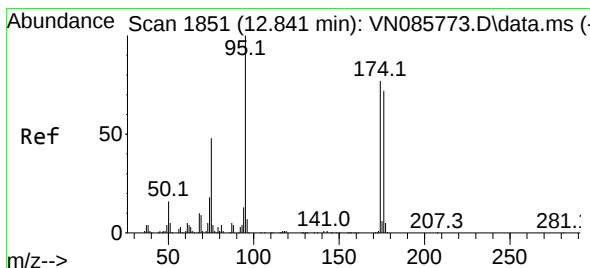
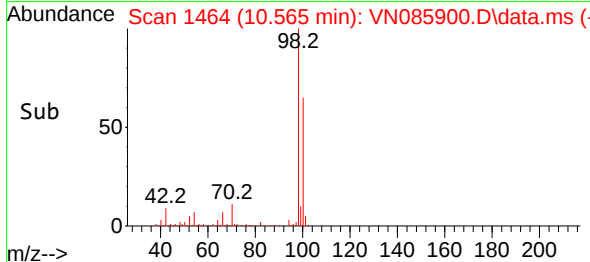
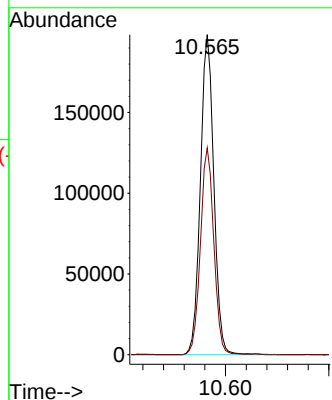
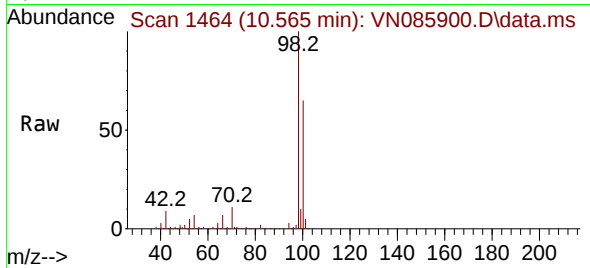




#50
Toluene-d8
Concen: 57.353 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54

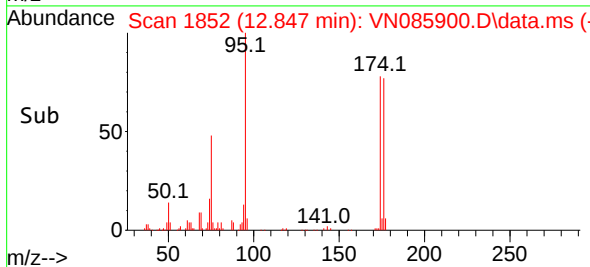
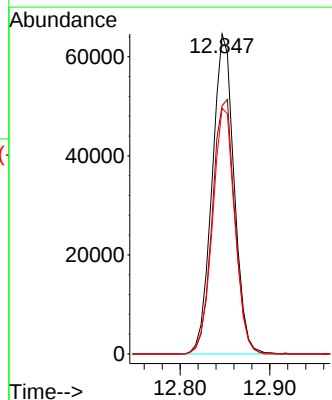
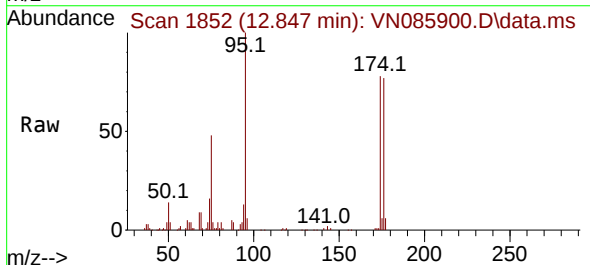
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#02

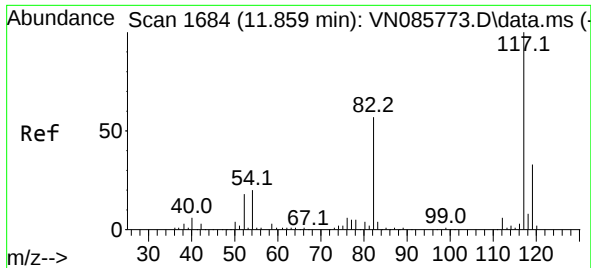
Tgt Ion: 98 Resp: 357466
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 53.357 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54

Tgt Ion: 95 Resp: 109572
Ion Ratio Lower Upper
95 100
174 82.0 0.0 152.4
176 78.0 0.0 146.6

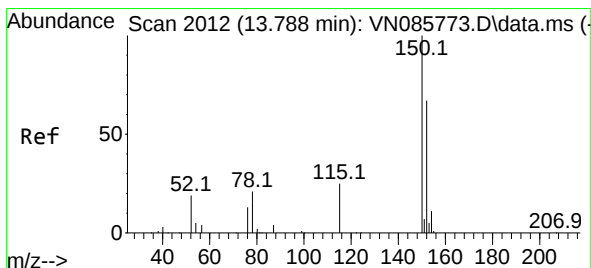
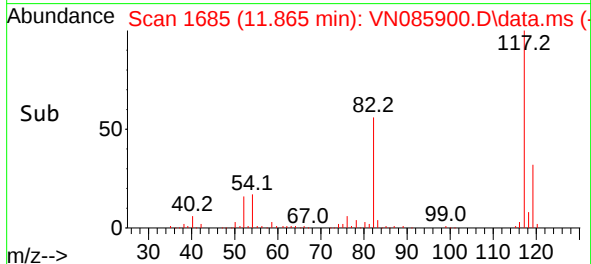
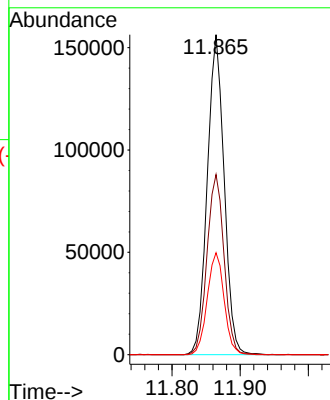
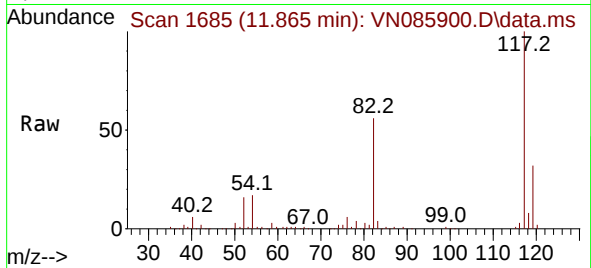




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54

Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#02

Tgt Ion:117 Resp: 268924
Ion Ratio Lower Upper
117 100
82 56.3 45.7 68.5
119 31.9 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085900.D
Acq: 06 Mar 2025 15:54

Tgt Ion:152 Resp: 103271
Ion Ratio Lower Upper
152 100
115 60.2 30.4 91.3
150 156.2 0.0 345.4

