

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085905.D
 Acq On : 06 Mar 2025 17:54
 Operator : JC\MD
 Sample : PB166989ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#07

Quant Time: Mar 07 00:42:35 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)

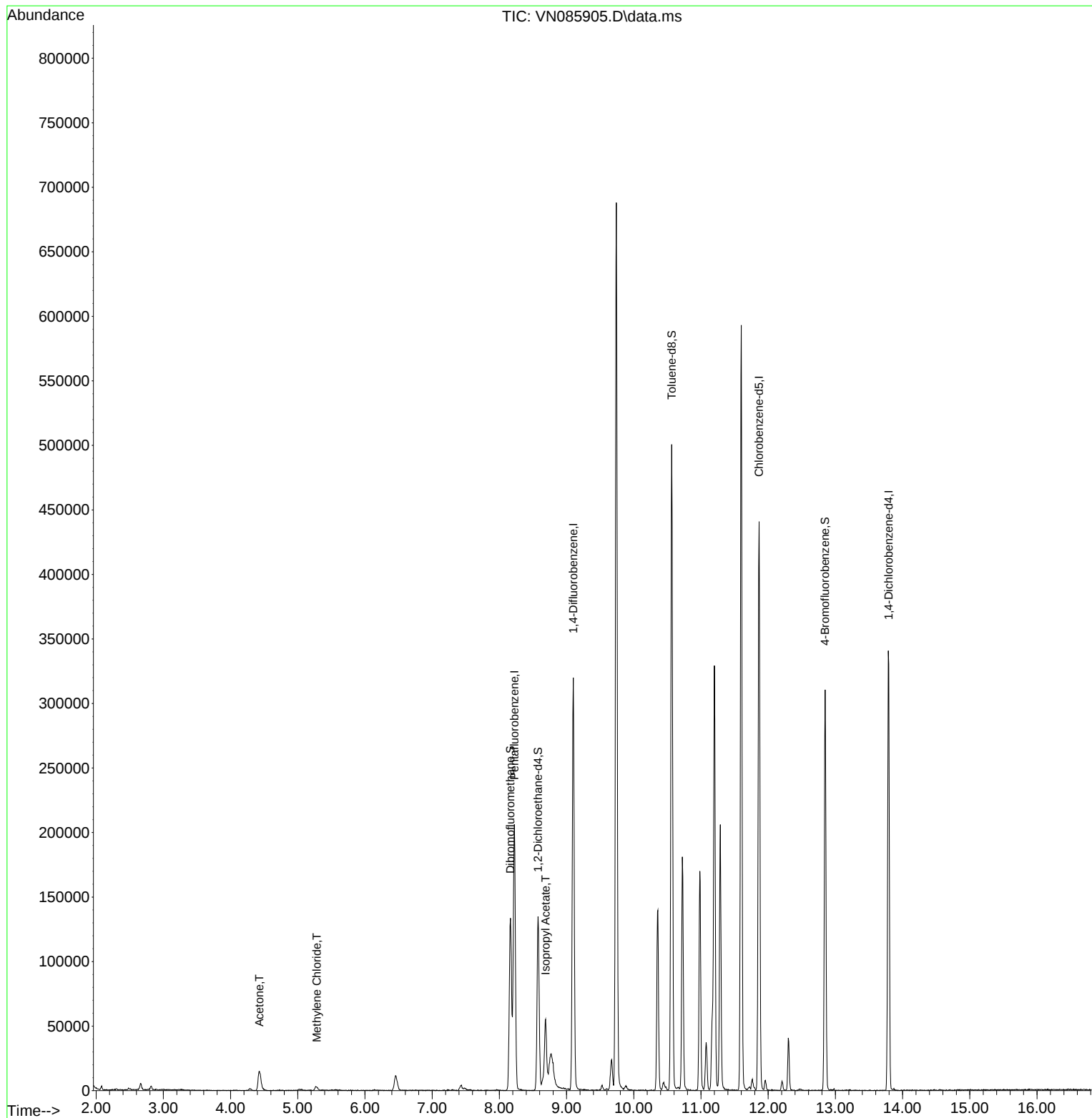
Internal Standards						
1) Pentafluorobenzene	8.224	168	149513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276813	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111725	57.638	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.280%			
35) Dibromofluoromethane	8.165	113	97109	53.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.220%			
50) Toluene-d8	10.565	98	356745	54.133	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.260%			
62) 4-Bromofluorobenzene	12.847	95	105618	48.642	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.280%			
Target Compounds						
16) Acetone	4.430	43	28201	45.979	ug/l	91
20) Methylene Chloride	5.283	84	2534	1.285	ug/l #	66
43) Isopropyl Acetate	8.688	43	63272	16.726	ug/l #	86

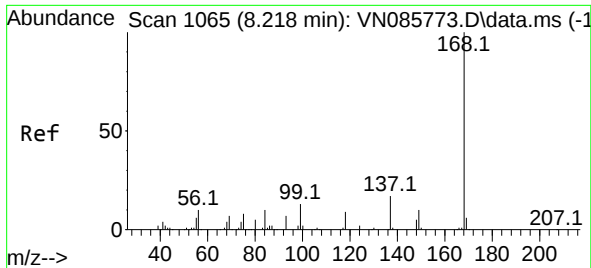
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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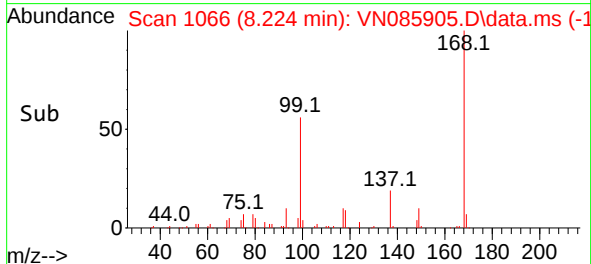
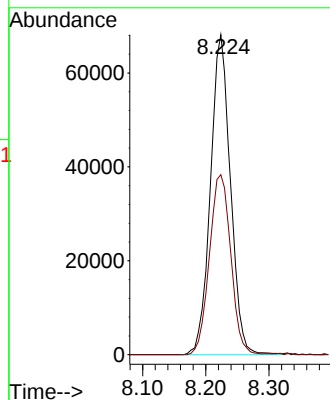
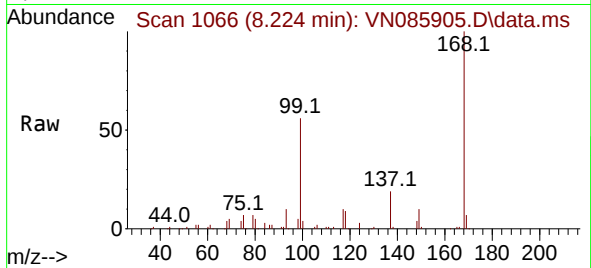




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

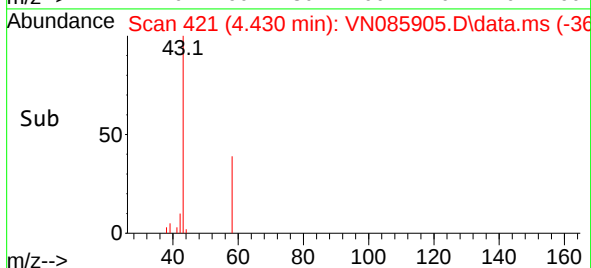
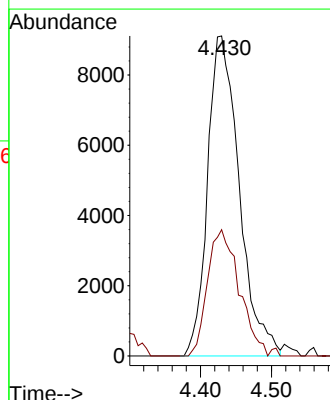
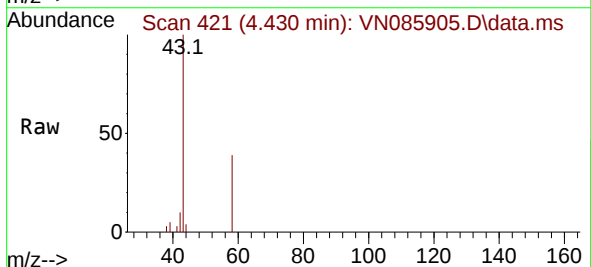
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#07

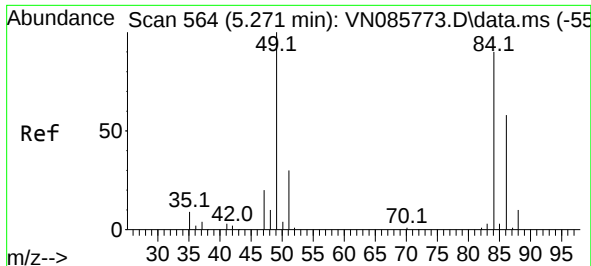
Tgt Ion:168 Resp: 149513
Ion Ratio Lower Upper
168 100
99 56.3 47.9 71.9



#16
Acetone
Concen: 45.979 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

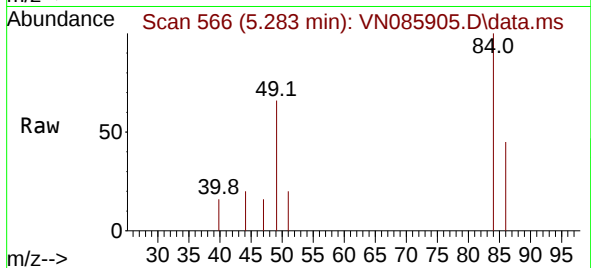
Tgt Ion: 43 Resp: 28201
Ion Ratio Lower Upper
43 100
58 39.5 27.5 41.3



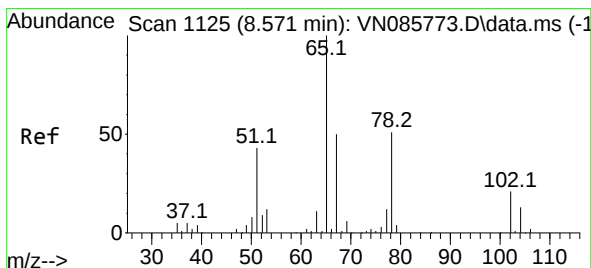
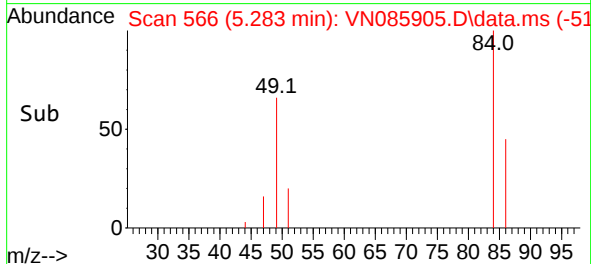
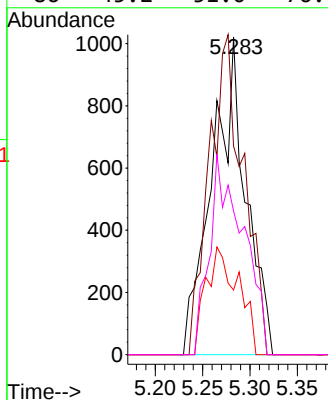


#20
Methylene Chloride
Concen: 1.285 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#07

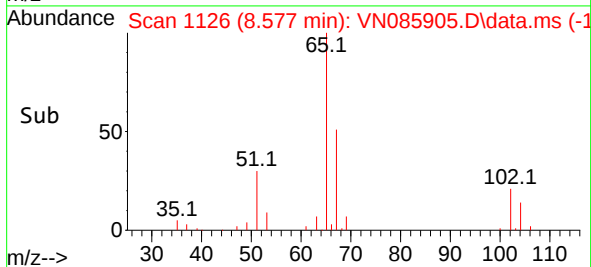
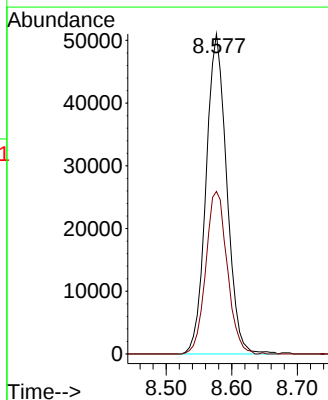
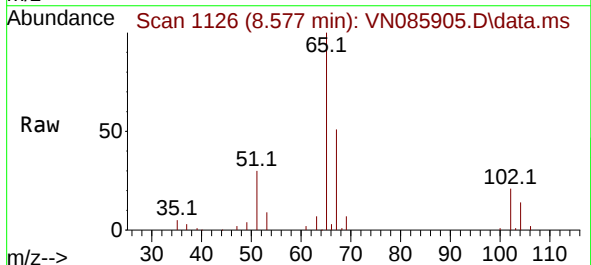


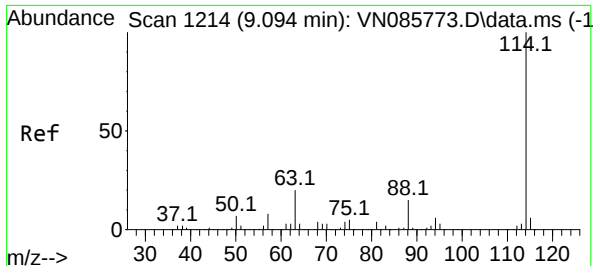
Tgt Ion:	84	Resp:	2534
Ion	Ratio	Lower	Upper
84	100		
49	65.7	88.4	132.6#
51	20.4	26.6	40.0#
86	45.2	51.0	76.6#



#33
1,2-Dichloroethane-d4
Concen: 57.638 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

Tgt Ion:	65	Resp:	111725
Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VN085905.D

Acq: 06 Mar 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#07

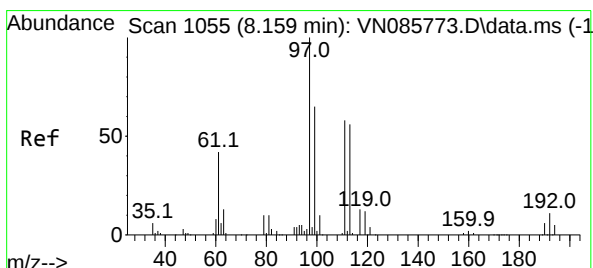
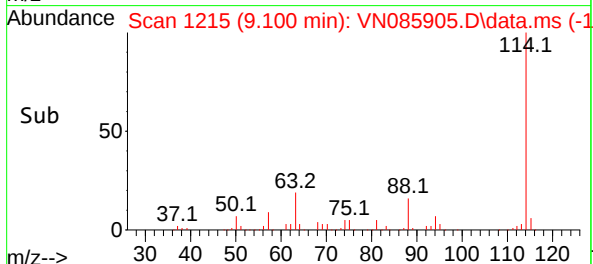
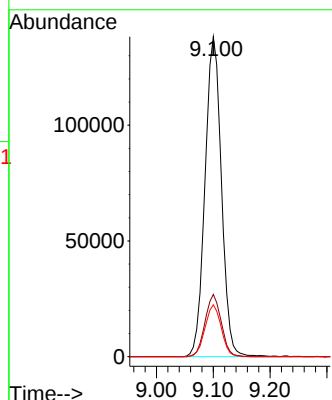
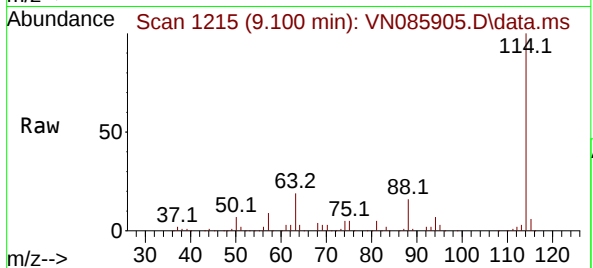
Tgt Ion:114 Resp: 276813

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.2

88 16.2 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.612 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085905.D

Acq: 06 Mar 2025 17:54

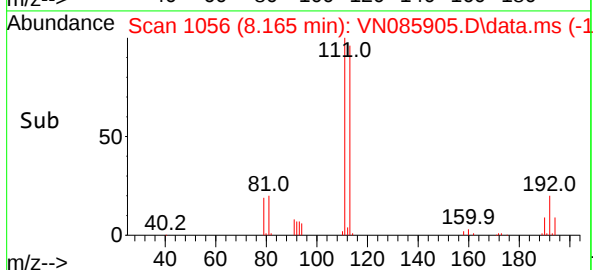
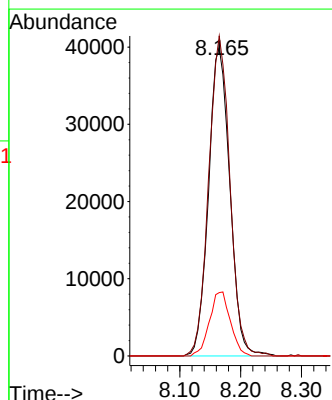
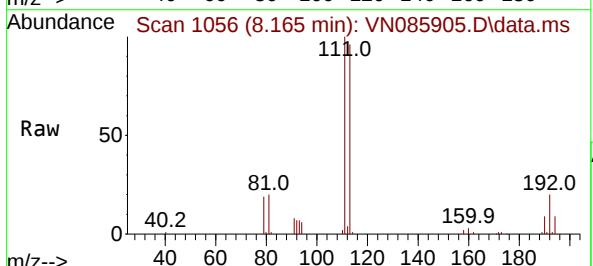
Tgt Ion:113 Resp: 97109

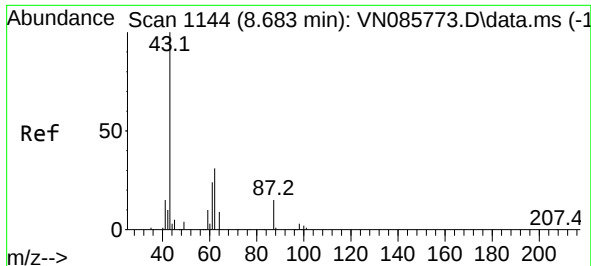
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.4

192 20.3 14.7 22.1

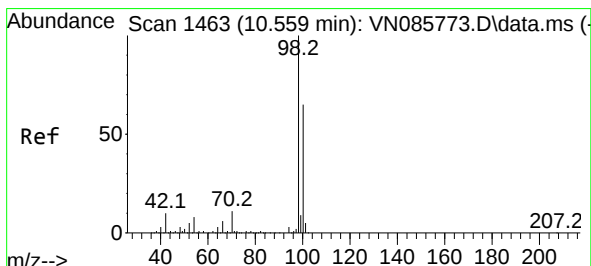
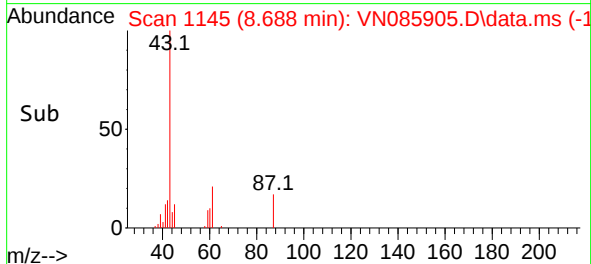
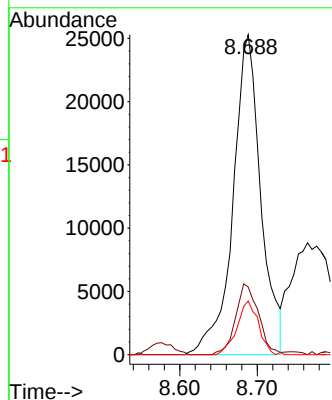
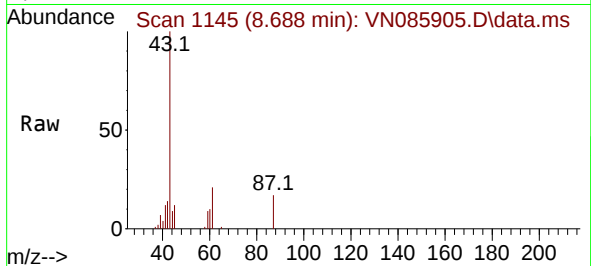




#43
Isopropyl Acetate
Concen: 16.726 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

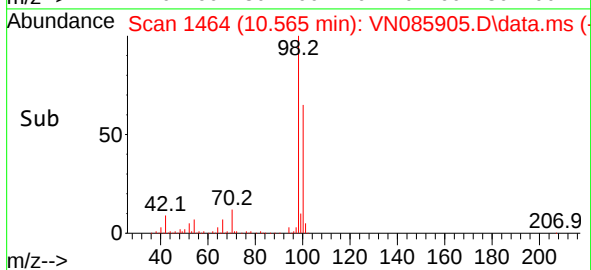
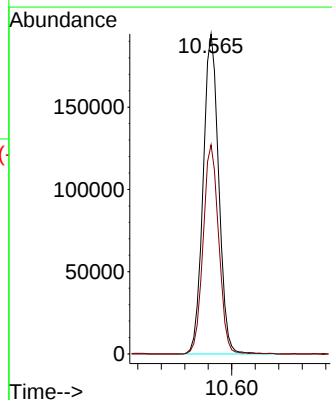
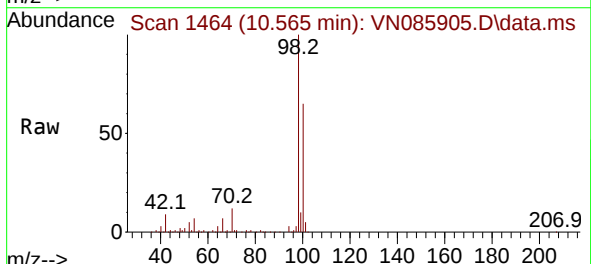
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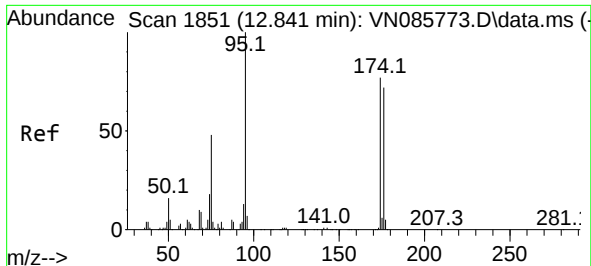
Tgt Ion: 43 Resp: 63272
Ion Ratio Lower Upper
43 100
61 18.2 22.6 34.0#
87 12.9 11.8 17.8



#50
Toluene-d8
Concen: 54.133 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

Tgt Ion: 98 Resp: 356745
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

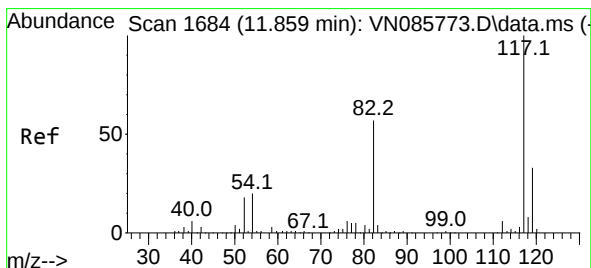
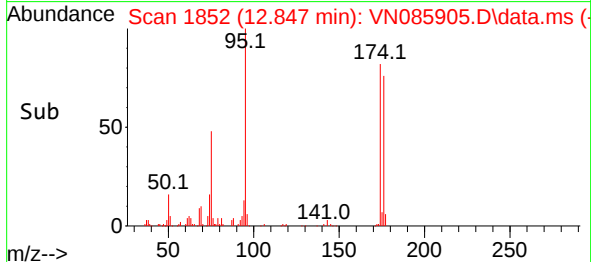
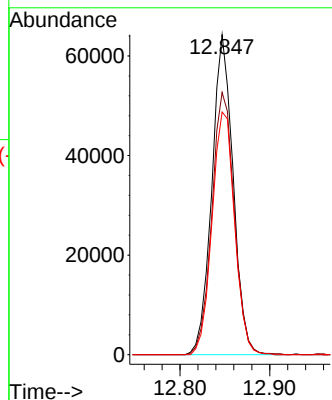
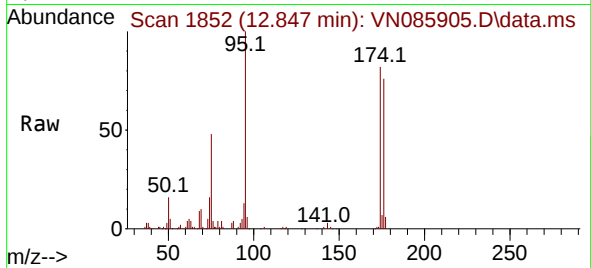




#62
4-Bromofluorobenzene
Concen: 48.642 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

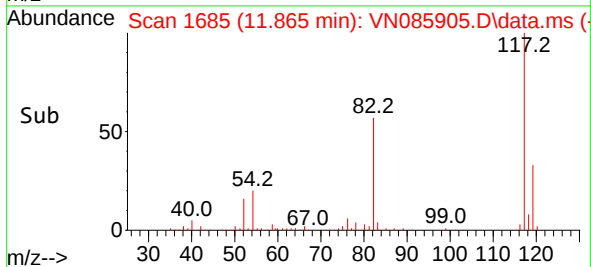
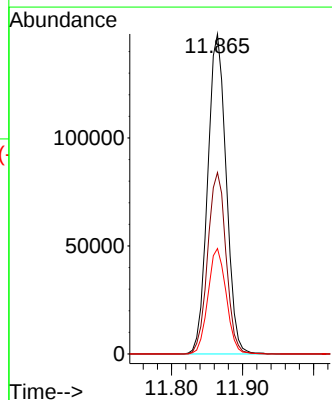
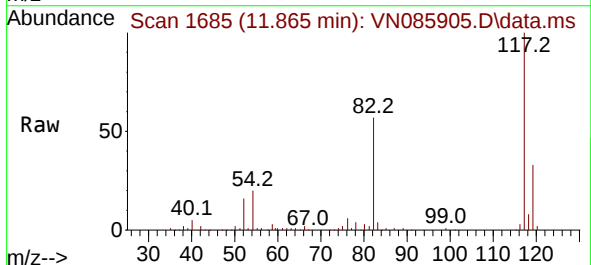
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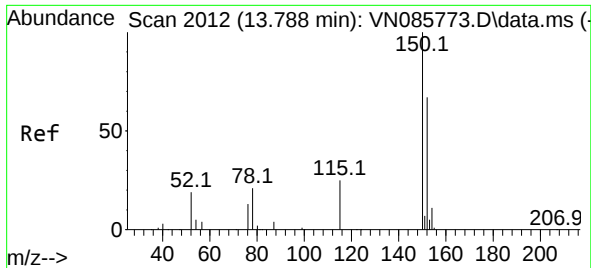
Tgt Ion: 95 Resp: 105618
Ion Ratio Lower Upper
95 100
174 86.6 0.0 152.4
176 80.6 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085905.D
Acq: 06 Mar 2025 17:54

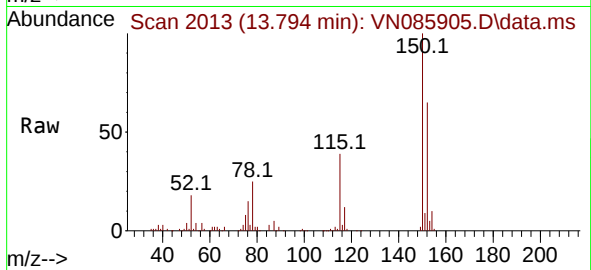
Tgt Ion: 117 Resp: 268016
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 33.0 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085905.D
 Acq: 06 Mar 2025 17:54

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#07



Tgt Ion:152 Resp: 100013
 Ion Ratio Lower Upper
 152 100
 115 59.8 30.4 91.3
 150 158.0 0.0 345.4

