

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085941.D
 Acq On : 11 Mar 2025 19:04
 Operator : JC\MD
 Sample : PB167050ZHE#08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#08

Quant Time: Mar 12 01:27:48 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)

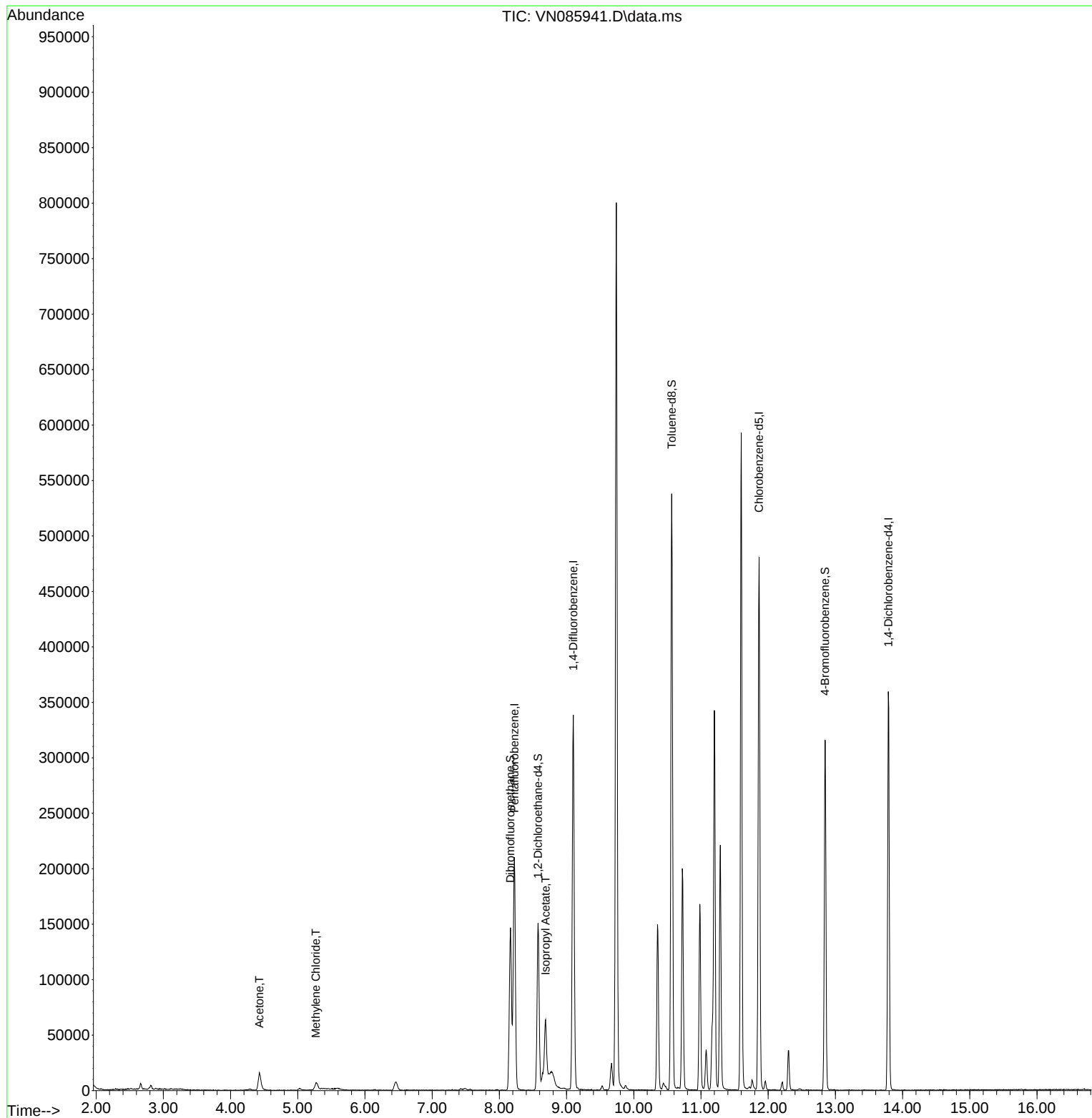
Internal Standards						
1) Pentafluorobenzene	8.224	168	148082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	280808	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123023	64.080	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 128.160%#		
35) Dibromofluoromethane	8.165	113	104757	55.363	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.720%		
50) Toluene-d8	10.565	98	380497	55.270	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 110.540%		
62) 4-Bromofluorobenzene	12.847	95	112863	49.758	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.520%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	28213	46.443	ug/l	98
20) Methylene Chloride	5.271	84	5224	2.674	ug/l #	88
43) Isopropyl Acetate	8.688	43	84217	21.463	ug/l #	77

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

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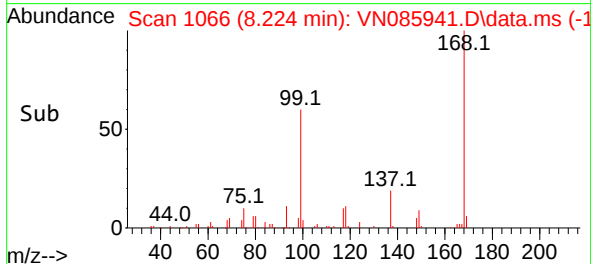
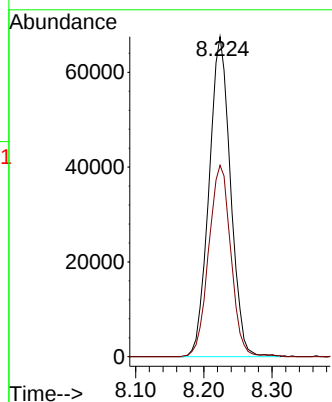
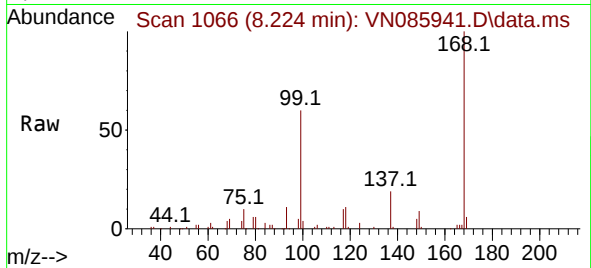




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

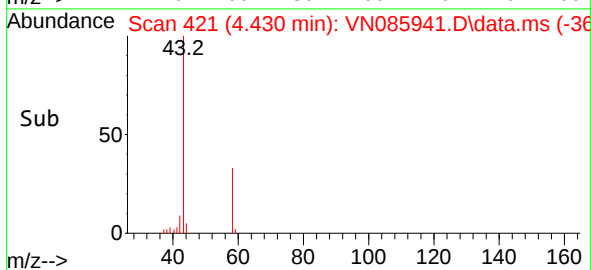
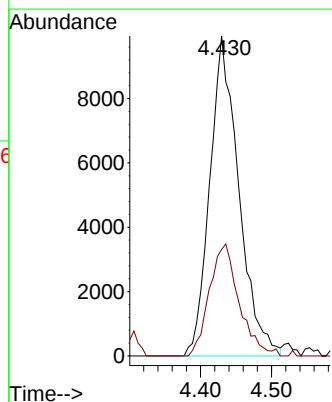
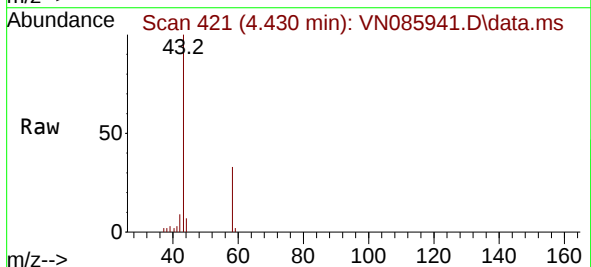
Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#08

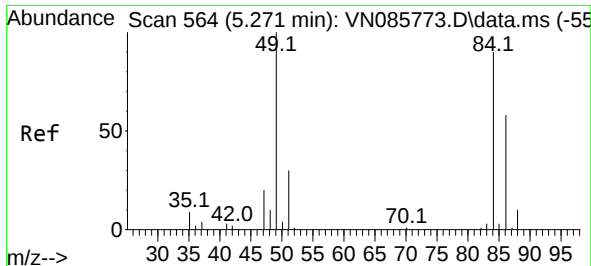
Tgt Ion:168 Resp: 148082
Ion Ratio Lower Upper
168 100
99 59.8 47.9 71.9



#16
Acetone
Concen: 46.443 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

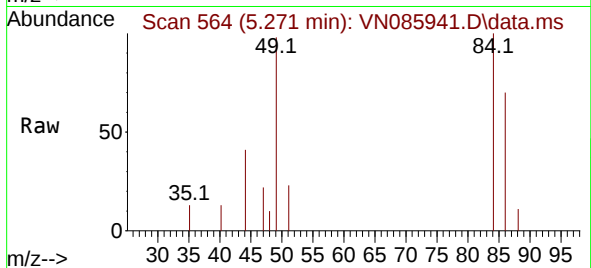
Tgt Ion: 43 Resp: 28213
Ion Ratio Lower Upper
43 100
58 33.3 27.5 41.3



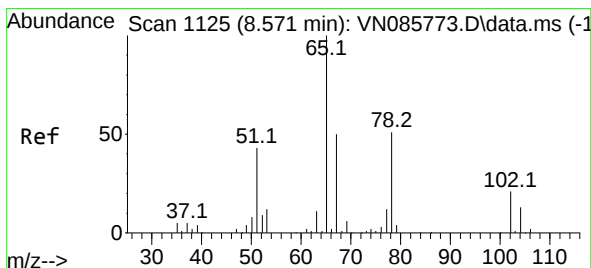
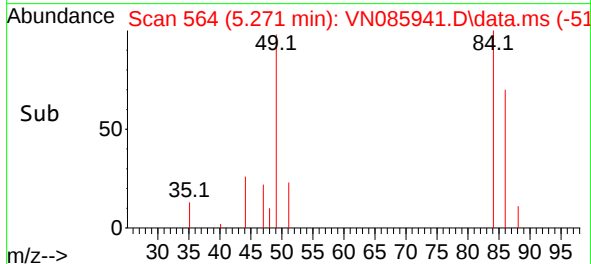
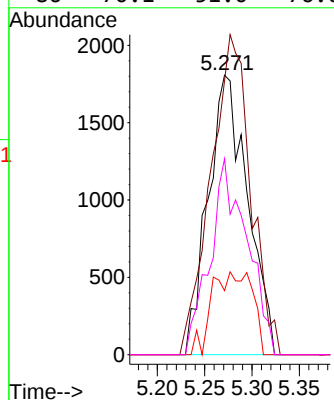


#20
Methylene Chloride
Concen: 2.674 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

Instrument :
MSVOA_N
ClientSampleId :
PB167050ZHE#08

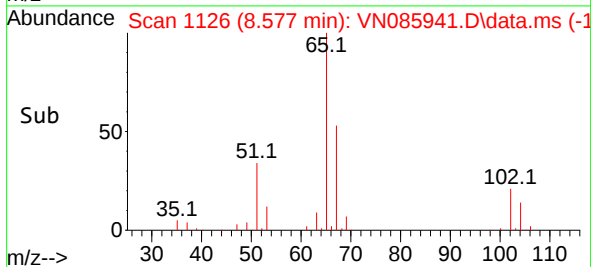
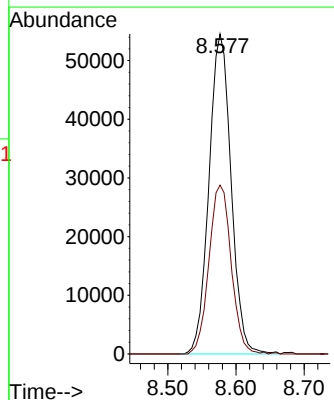
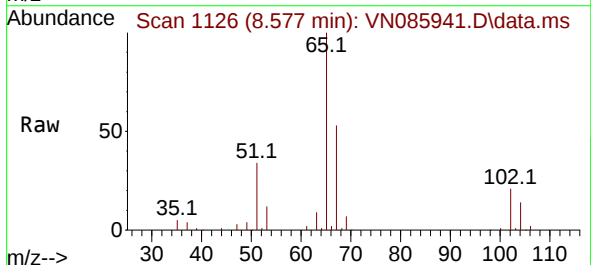


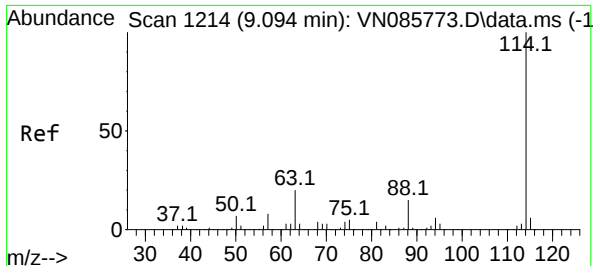
Tgt Ion: 84	Resp: 5224
Ion Ratio	Lower Upper
84 100	
49 98.0	88.4 132.6
51 22.9	26.6 40.0#
86 70.1	51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 64.080 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

Tgt Ion: 65	Resp: 123023
Ion Ratio	Lower Upper
65 100	
67 53.2	0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085941.D

Acq: 11 Mar 2025 19:04

Instrument :

MSVOA_N

ClientSampleId :

PB167050ZHE#08

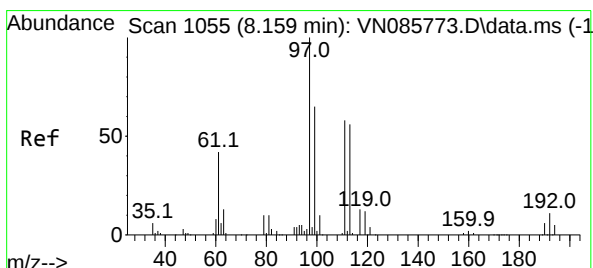
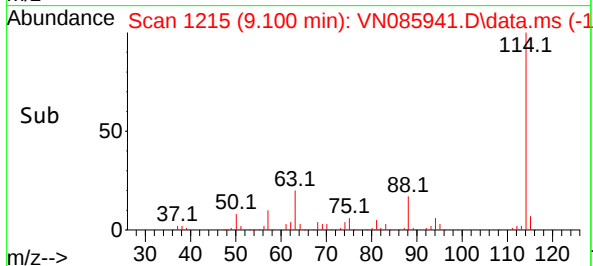
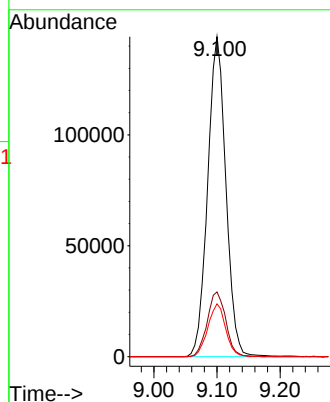
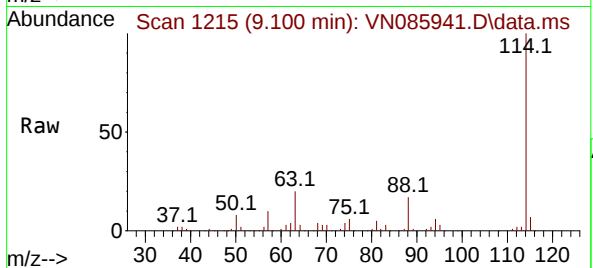
Tgt Ion:114 Resp: 289167

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

88 16.5 0.0 30.0



#35

Dibromofluoromethane

Concen: 55.363 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085941.D

Acq: 11 Mar 2025 19:04

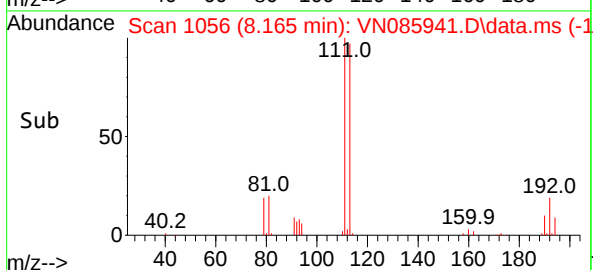
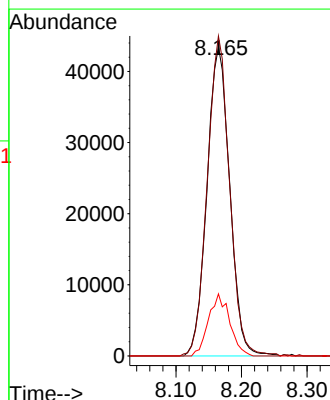
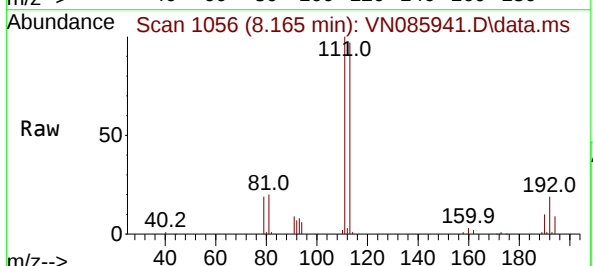
Tgt Ion:113 Resp: 104757

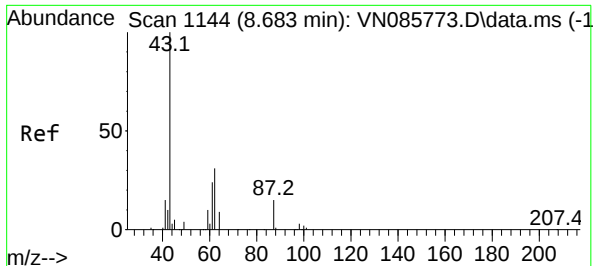
Ion Ratio Lower Upper

113 100

111 101.3 82.2 123.4

192 18.7 14.7 22.1

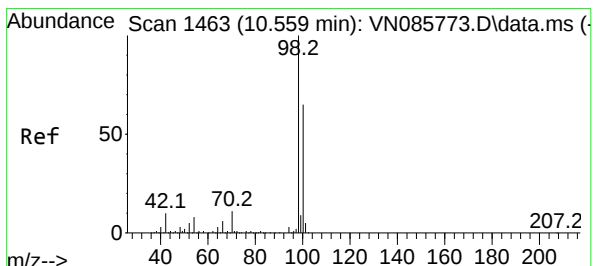
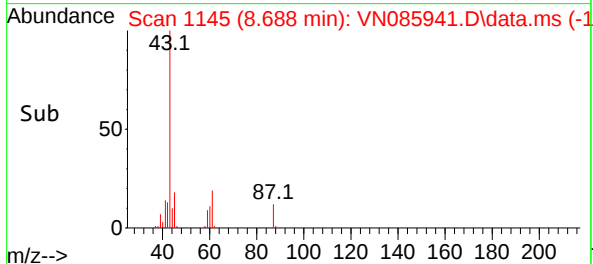
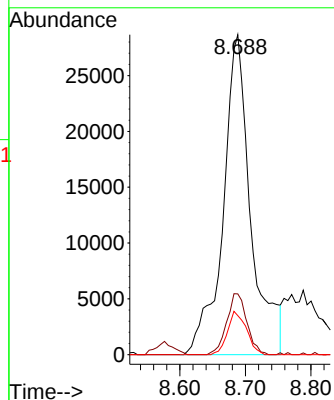
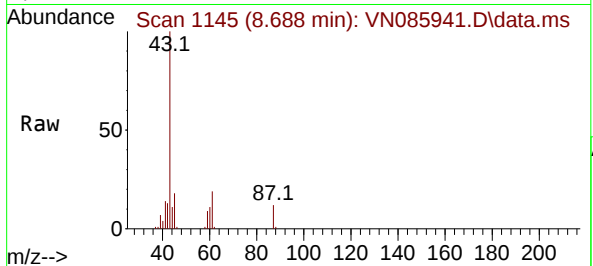




#43
Isopropyl Acetate
Concen: 21.463 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

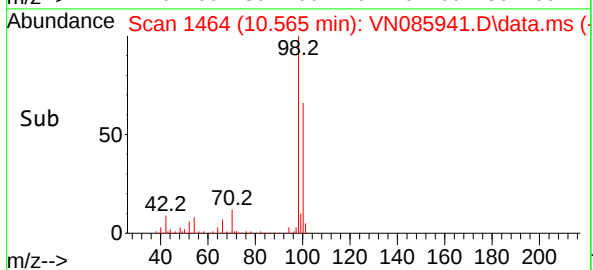
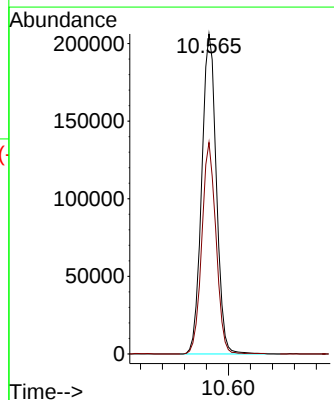
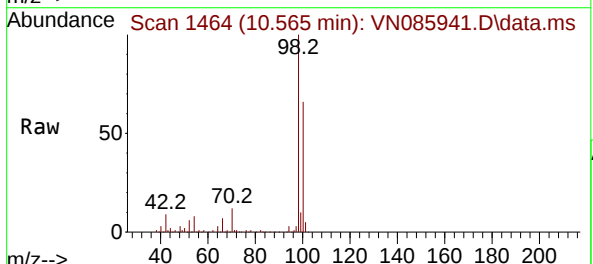
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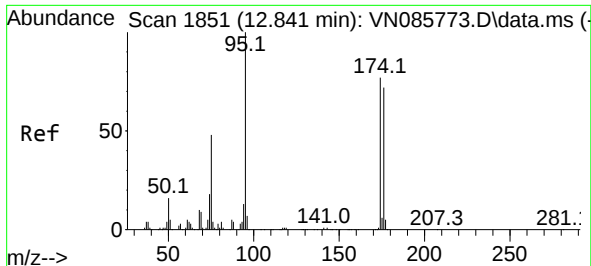
Tgt Ion: 43 Resp: 84217
Ion Ratio Lower Upper
43 100
61 13.9 22.6 34.0#
87 9.2 11.8 17.8#



#50
Toluene-d8
Concen: 55.270 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

Tgt Ion: 98 Resp: 380497
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

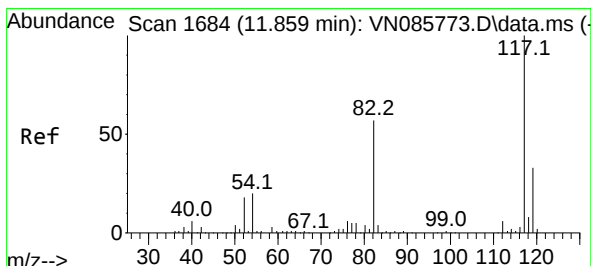
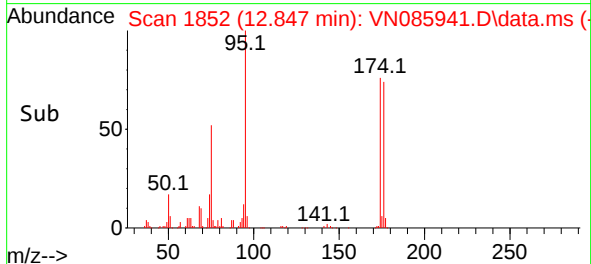
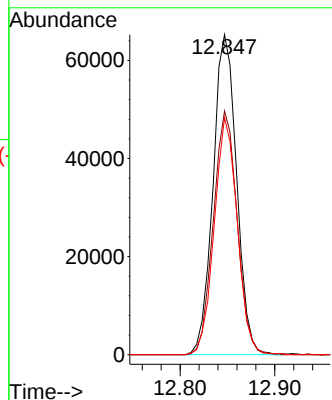
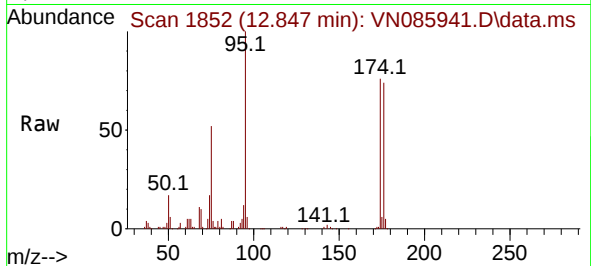




#62
4-Bromofluorobenzene
Concen: 49.758 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

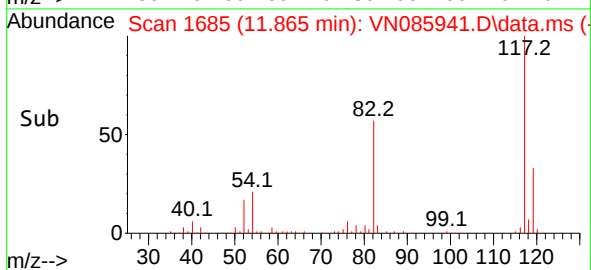
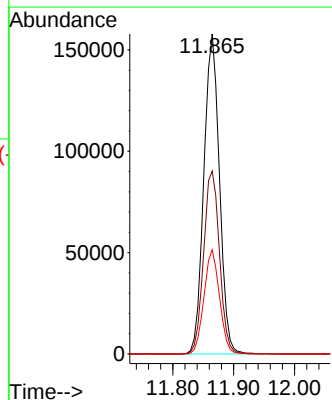
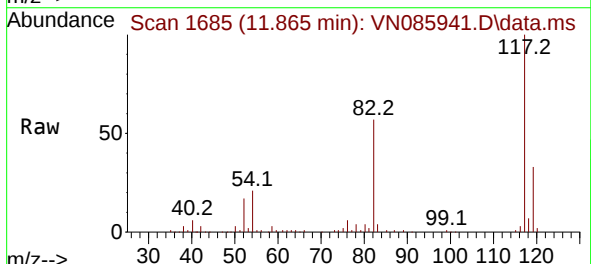
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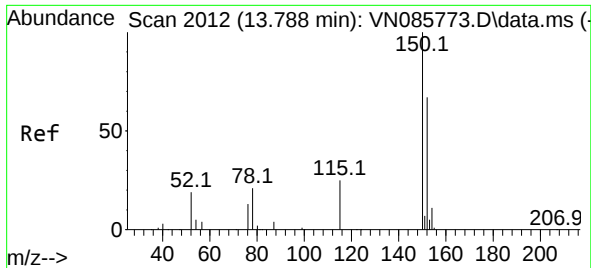
Tgt Ion: 95 Resp: 112863
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.4
176 72.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085941.D
Acq: 11 Mar 2025 19:04

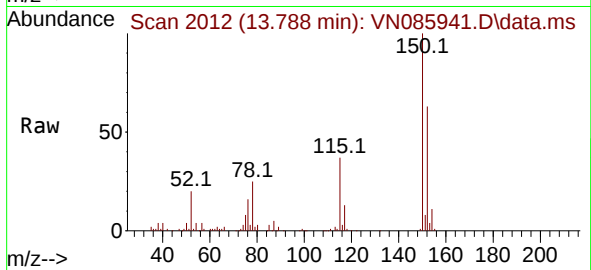
Tgt Ion: 117 Resp: 280808
Ion Ratio Lower Upper
117 100
82 57.2 45.7 68.5
119 32.5 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085941.D
 Acq: 11 Mar 2025 19:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167050ZHE#08



Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.4	91.3
150	159.2	0.0	345.4

