

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085902.D
 Acq On : 06 Mar 2025 16:42
 Operator : JC\MD
 Sample : PB166989ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#04

Quant Time: Mar 07 00:41:02 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)

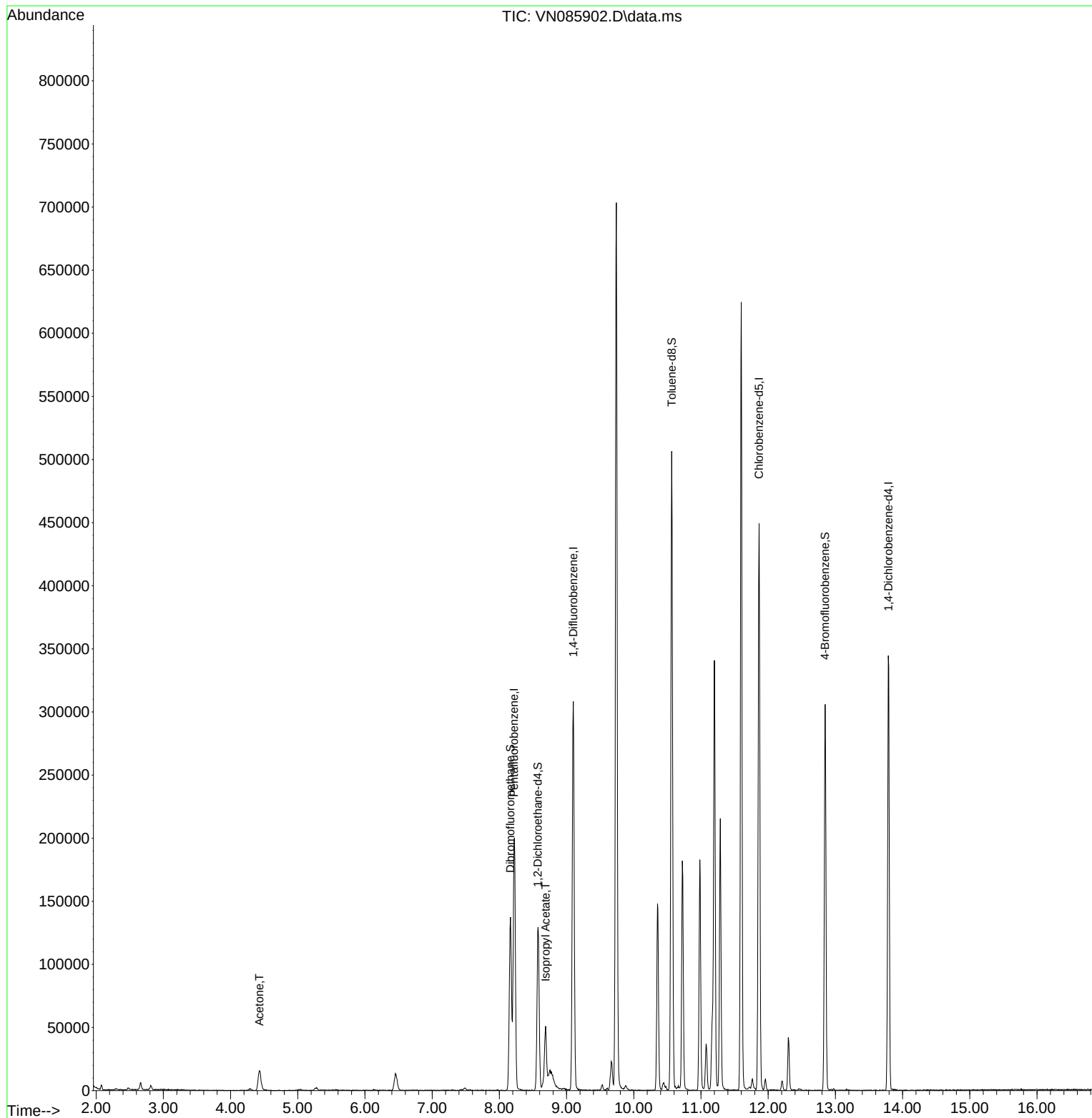
Internal Standards						
1) Pentafluorobenzene	8.218	168	150778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	110614	56.586	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.180%
35) Dibromofluoromethane	8.165	113	97318	54.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.565	98	358201	54.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.660%
62) 4-Bromofluorobenzene	12.847	95	108091	50.219	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.440%
Target Compounds						
16) Acetone	4.430	43	30433	49.202	ug/l	95
43) Isopropyl Acetate	8.688	43	55318	14.687	ug/l #	89

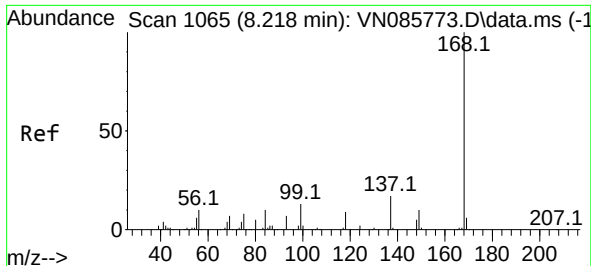
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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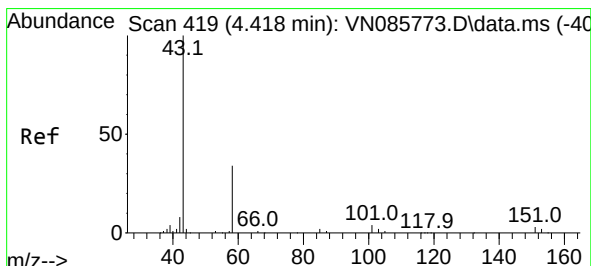
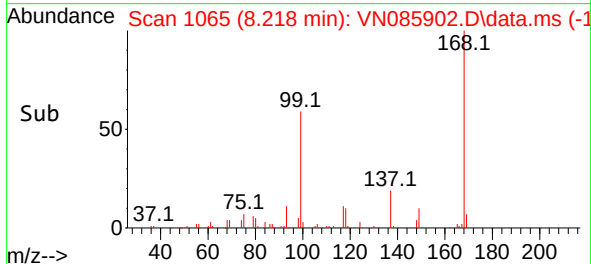
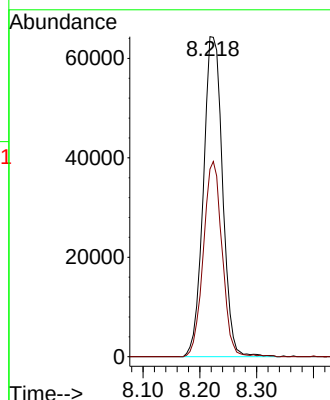
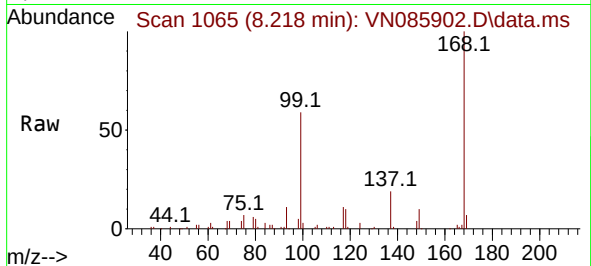




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085902.D
Acq: 06 Mar 2025 16:42

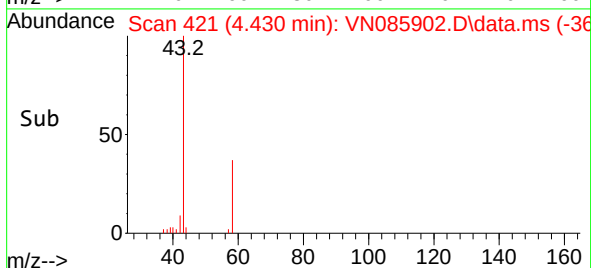
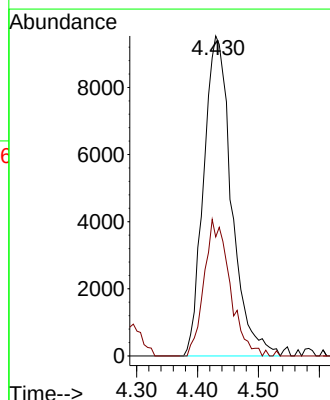
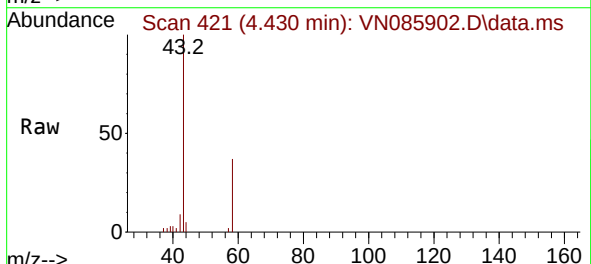
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#04

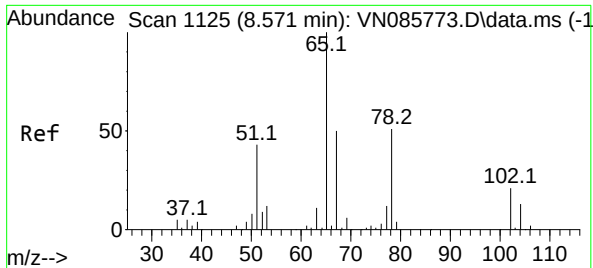
Tgt Ion:168 Resp: 150778
Ion Ratio Lower Upper
168 100
99 58.6 47.9 71.9



#16
Acetone
Concen: 49.202 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085902.D
Acq: 06 Mar 2025 16:42

Tgt Ion: 43 Resp: 30433
Ion Ratio Lower Upper
43 100
58 37.2 27.5 41.3





#33

1,2-Dichloroethane-d4

Concen: 56.586 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085902.D

Acq: 06 Mar 2025 16:42

Instrument :

MSVOA_N

ClientSampleId :

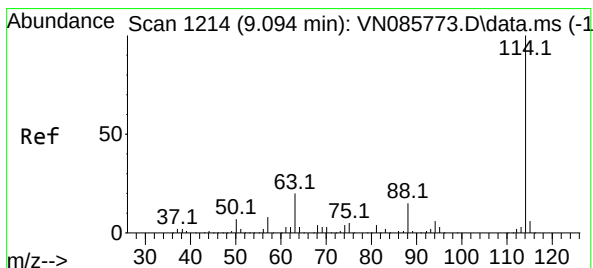
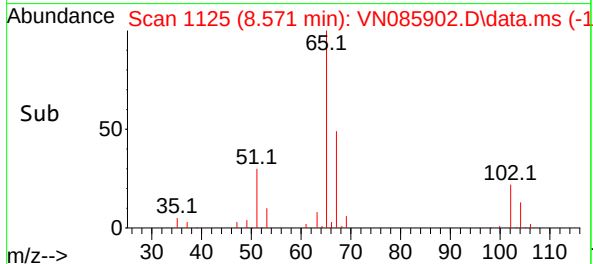
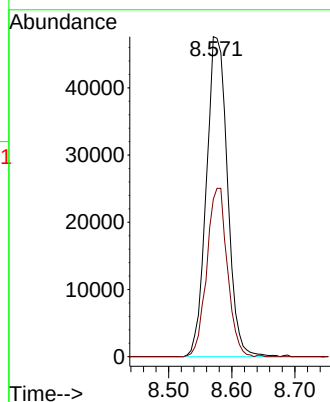
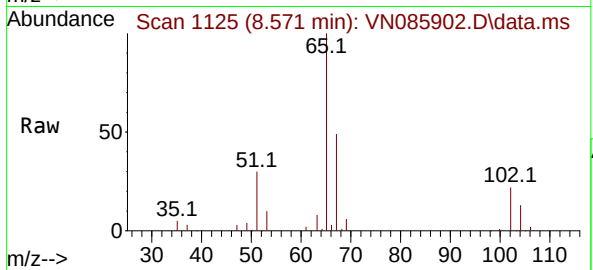
PB166989ZHE#04

Tgt Ion: 65 Resp: 110614

Ion Ratio Lower Upper

65 100

67 51.1 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: VN085902.D

Acq: 06 Mar 2025 16:42

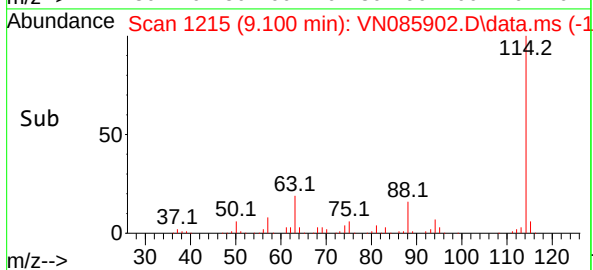
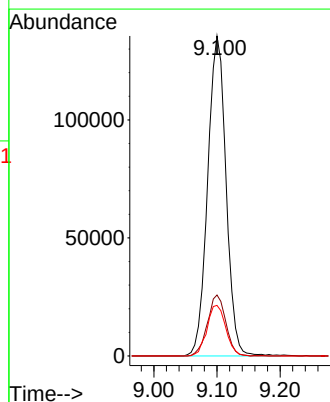
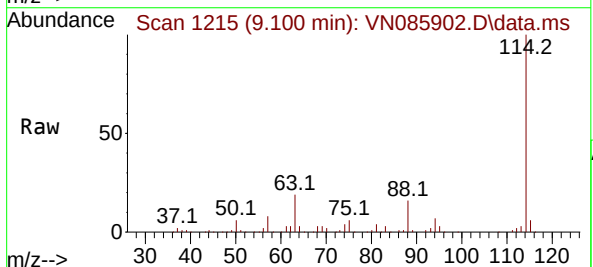
Tgt Ion: 114 Resp: 274398

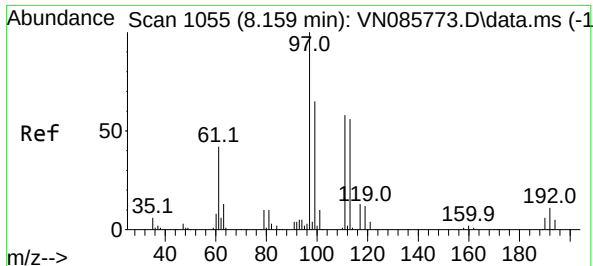
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.200 ug/l

RT: 8.165 min Scan# 110

Delta R.T. 0.006 min

Lab File: VN085902.D

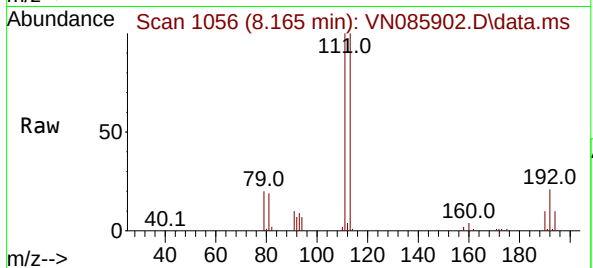
Acq: 06 Mar 2025 16:42

Instrument :

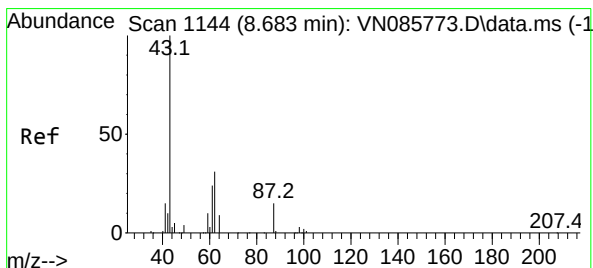
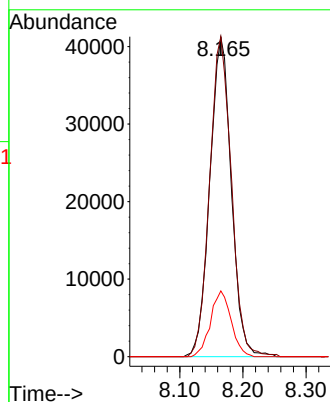
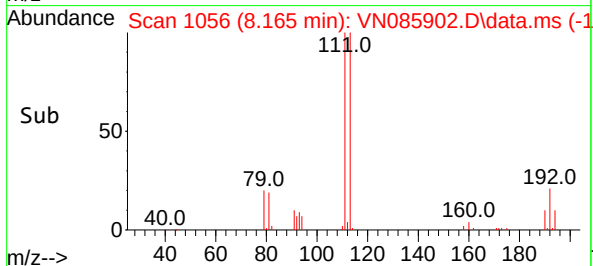
MSVOA_N

ClientSampleId :

PB166989ZHE#04



Tgt Ion:	113	Resp:	97318
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.4
192	19.8	14.7	22.1



#43

Isopropyl Acetate

Concen: 14.687 ug/l

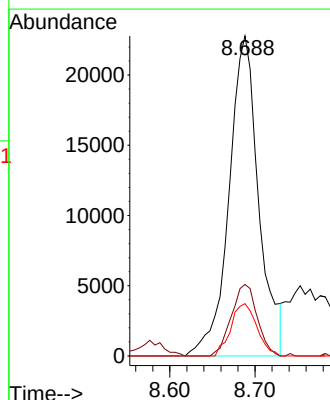
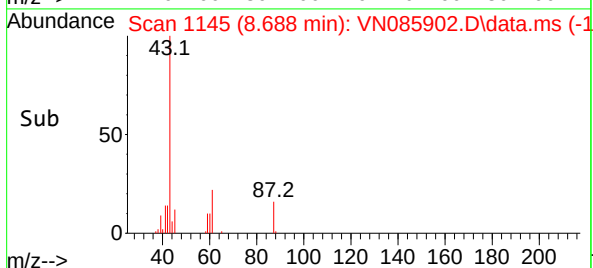
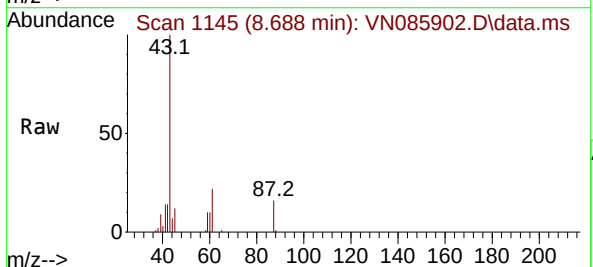
RT: 8.688 min Scan# 1145

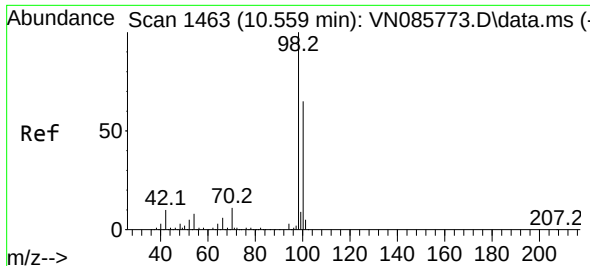
Delta R.T. 0.005 min

Lab File: VN085902.D

Acq: 06 Mar 2025 16:42

Tgt Ion:	43	Resp:	55318
Ion	Ratio	Lower	Upper
43	100		
61	19.4	22.6	34.0#
87	14.3	11.8	17.8

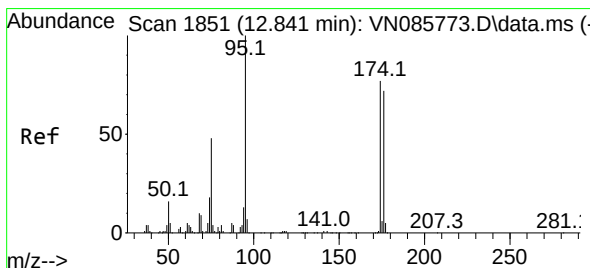
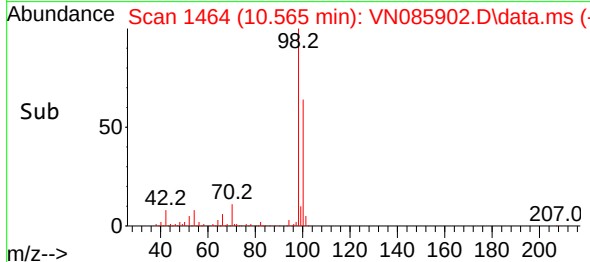
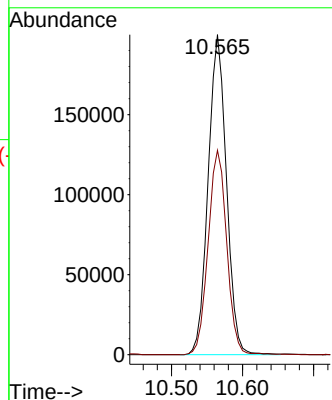
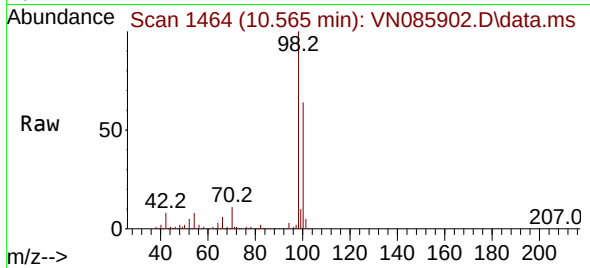




#50
Toluene-d8
Concen: 54.832 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085902.D
Acq: 06 Mar 2025 16:42

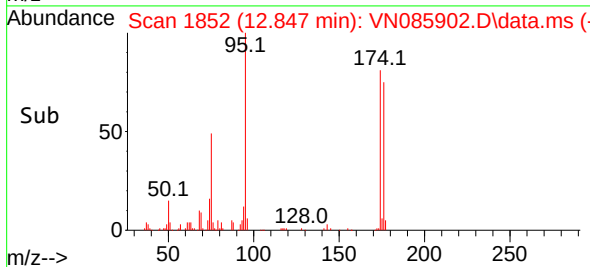
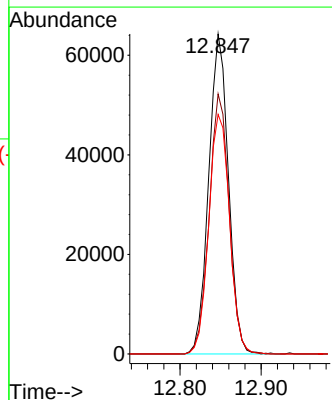
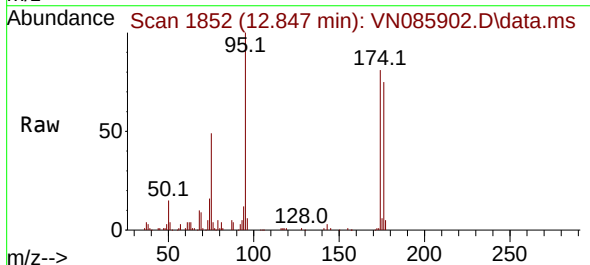
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#04

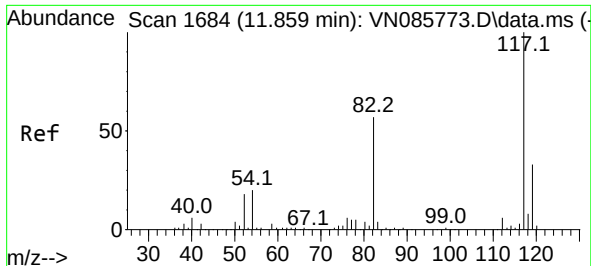
Tgt Ion: 98 Resp: 358201
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085902.D
Acq: 06 Mar 2025 16:42

Tgt Ion: 95 Resp: 108091
Ion Ratio Lower Upper
95 100
174 82.6 0.0 152.4
176 79.1 0.0 146.6

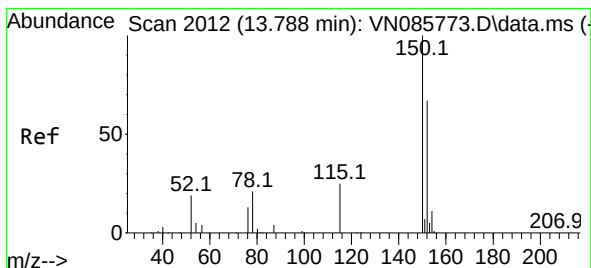
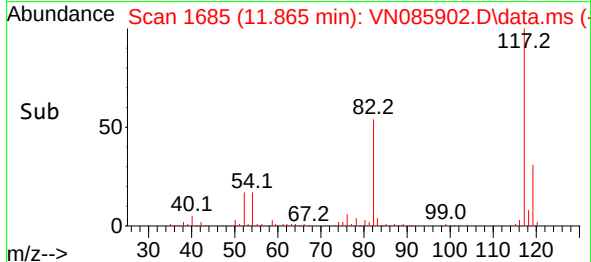
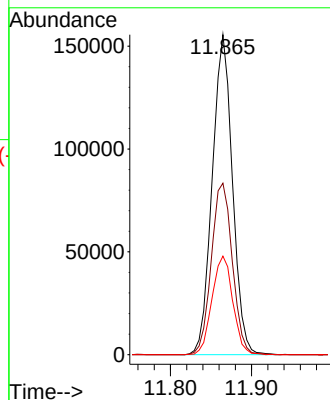
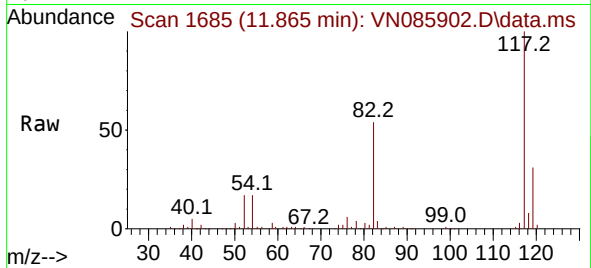




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085902.D
Acq: 06 Mar 2025 16:42

Instrument :
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ClientSampleId :
PB166989ZHE#04

Tgt Ion:117 Resp: 269456
Ion Ratio Lower Upper
117 100
82 53.6 45.7 68.5
119 30.8 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: VN085902.D
Acq: 06 Mar 2025 16:42

Tgt Ion:152 Resp: 99829
Ion Ratio Lower Upper
152 100
115 59.6 30.4 91.3
150 155.9 0.0 345.4

