

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085909.D
 Acq On : 06 Mar 2025 19:31
 Operator : JC\MD
 Sample : PB166989ZHE#11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#11

Quant Time: Mar 07 00:44:37 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)

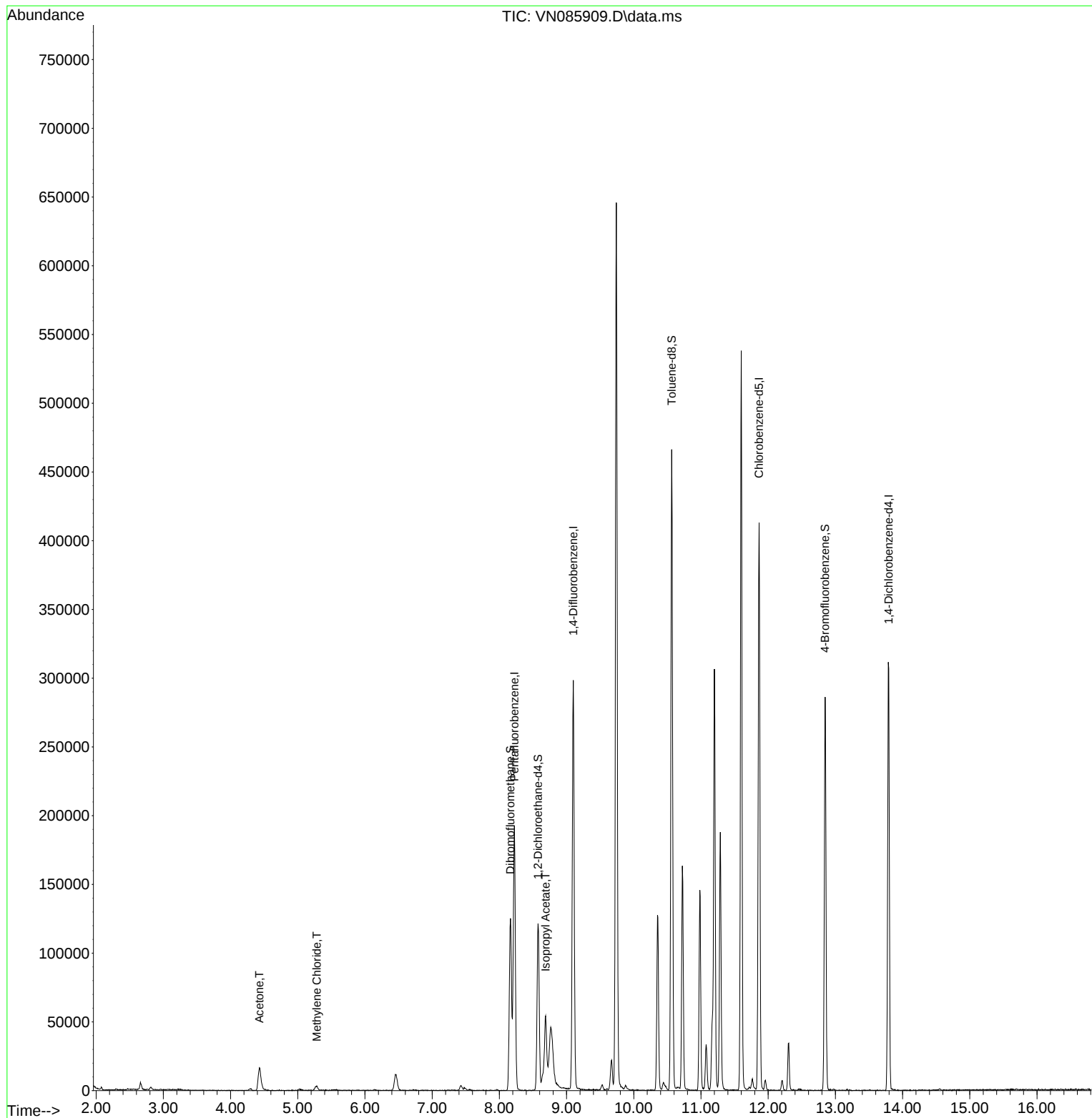
Internal Standards						
1) Pentafluorobenzene	8.224	168	136451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103716	58.628	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.260%
35) Dibromofluoromethane	8.165	113	90716	53.892	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.780%
50) Toluene-d8	10.565	98	326694	53.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.847	95	100159	49.637	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.280%
Target Compounds						
16) Acetone	4.430	43	31050	55.471	ug/l	97
20) Methylene Chloride	5.283	84	2599	1.444	ug/l #	73
43) Isopropyl Acetate	8.688	43	59014m	16.789	ug/l	

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

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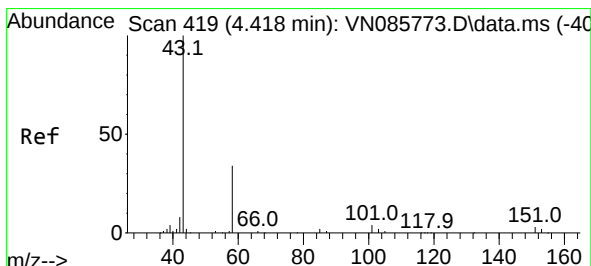
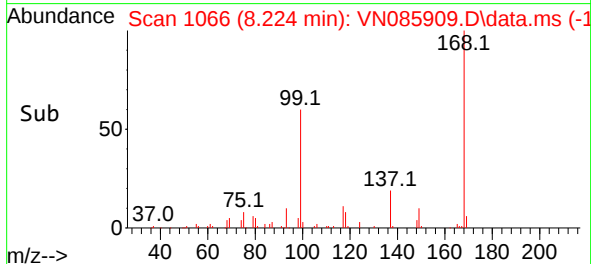
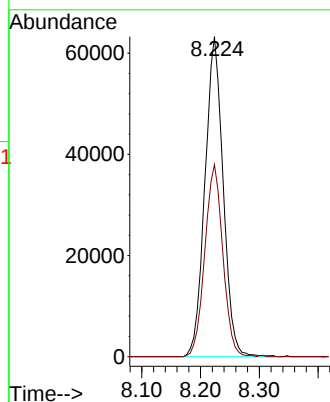
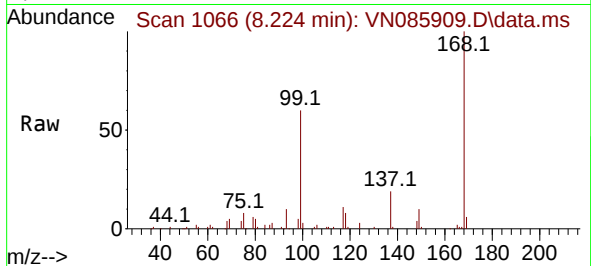




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

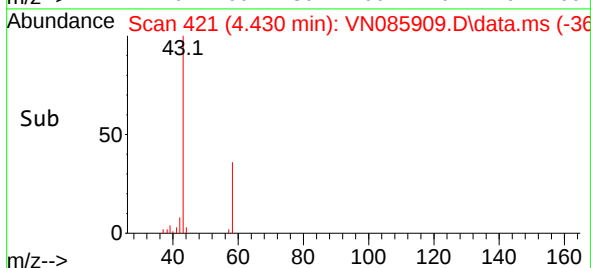
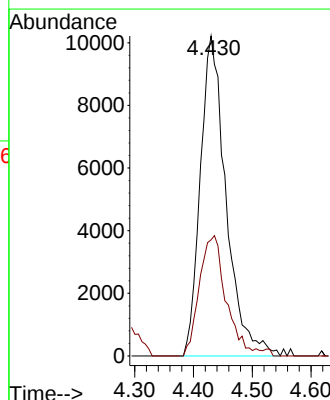
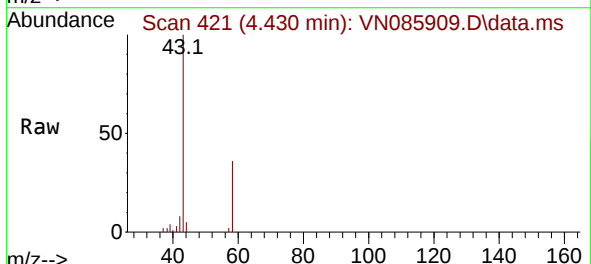
Instrument :
MSVOA_N
ClientSampleId :
PB166989ZHE#11

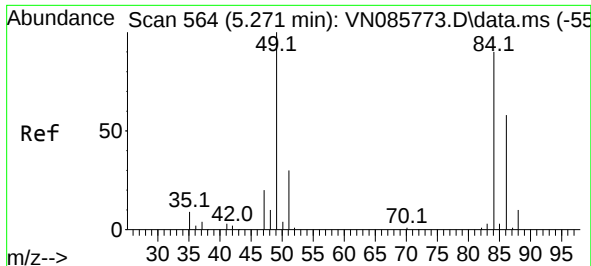
Tgt Ion:168 Resp: 136451
Ion Ratio Lower Upper
168 100
99 60.0 47.9 71.9



#16
Acetone
Concen: 55.471 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

Tgt Ion: 43 Resp: 31050
Ion Ratio Lower Upper
43 100
58 36.3 27.5 41.3





#20

Methylene Chloride

Concen: 1.444 ug/l

RT: 5.283 min Scan# 5

Delta R.T. 0.012 min

Lab File: VN085909.D

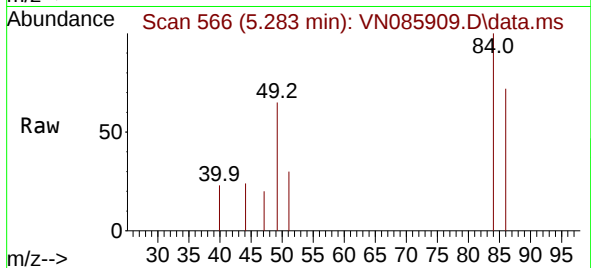
Acq: 06 Mar 2025 19:31

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#11



Tgt Ion: 84 Resp: 2599

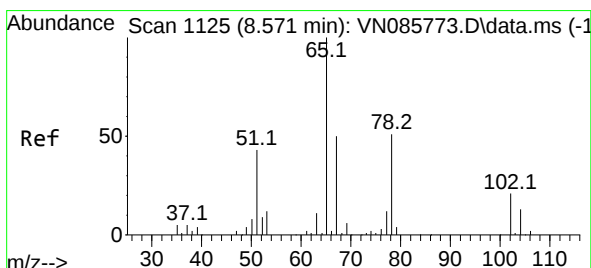
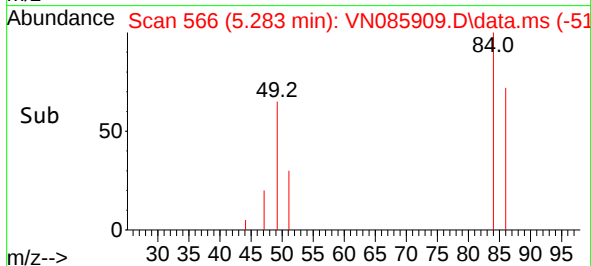
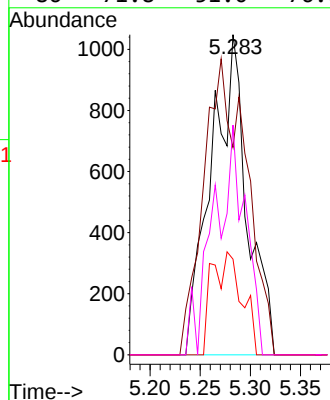
Ion Ratio Lower Upper

84 100

49 64.8 88.4 132.6#

51 29.9 26.6 40.0

86 71.8 51.0 76.6



#33

1,2-Dichloroethane-d4

Concen: 58.628 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085909.D

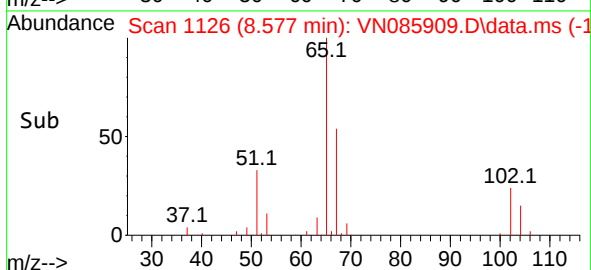
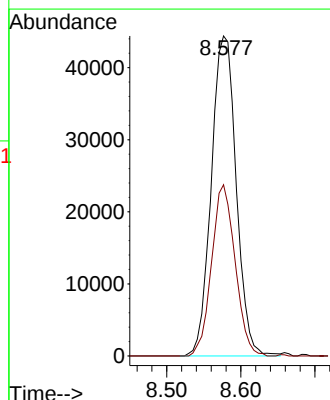
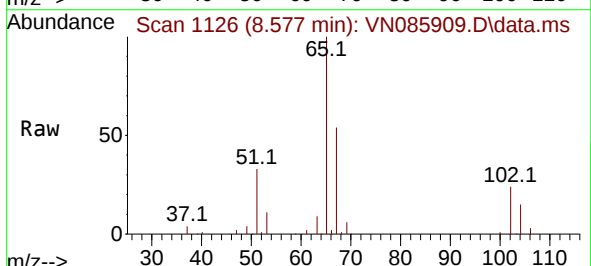
Acq: 06 Mar 2025 19:31

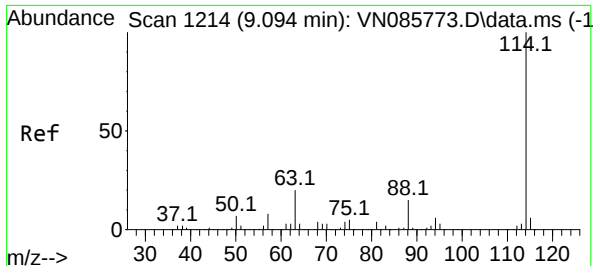
Tgt Ion: 65 Resp: 103716

Ion Ratio Lower Upper

65 100

67 50.5 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: VN085909.D

Acq: 06 Mar 2025 19:31

Instrument :

MSVOA_N

ClientSampleId :

PB166989ZHE#11

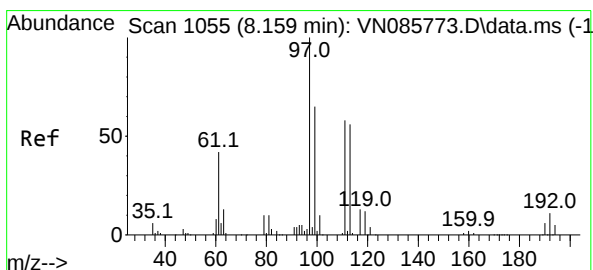
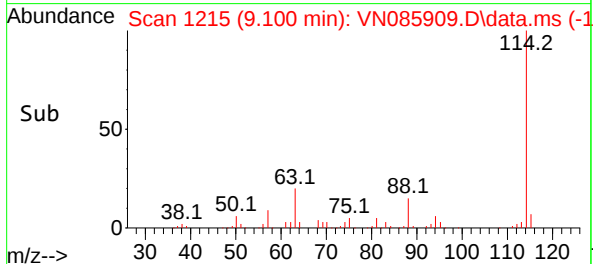
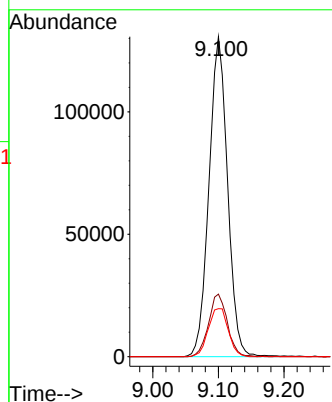
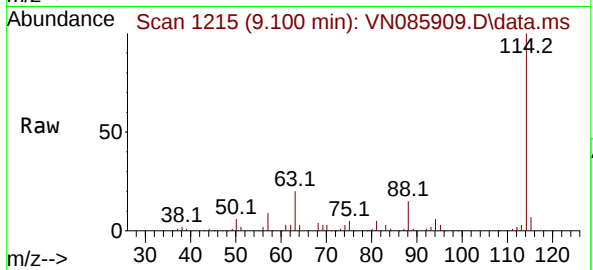
Tgt Ion:114 Resp: 257246

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.0 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.892 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085909.D

Acq: 06 Mar 2025 19:31

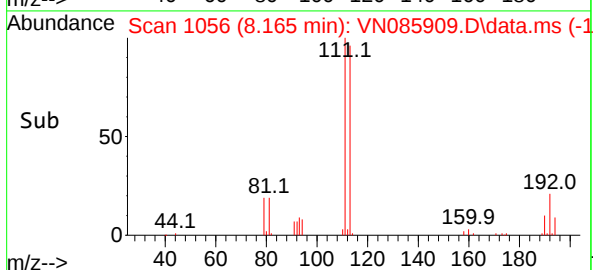
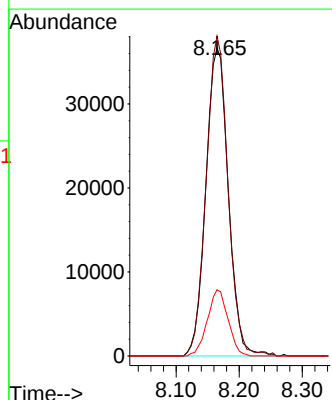
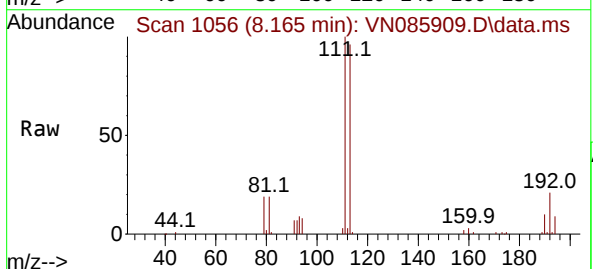
Tgt Ion:113 Resp: 90716

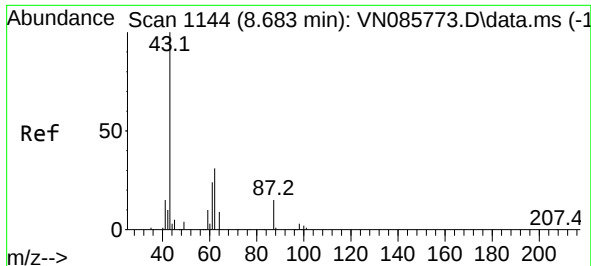
Ion Ratio Lower Upper

113 100

111 100.9 82.2 123.4

192 19.8 14.7 22.1

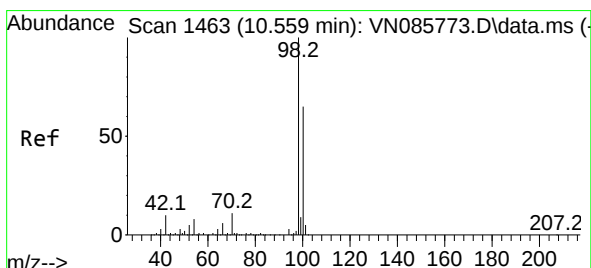
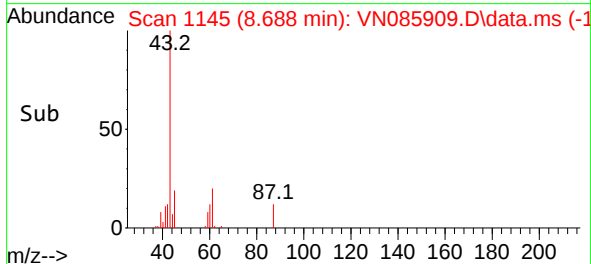
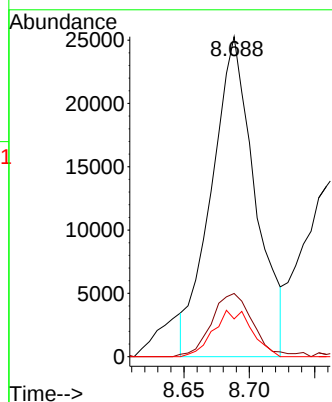
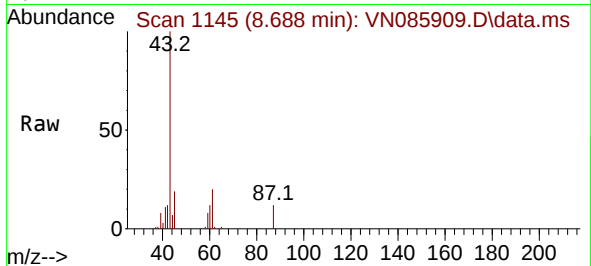




#43
Isopropyl Acetate
Concen: 16.789 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

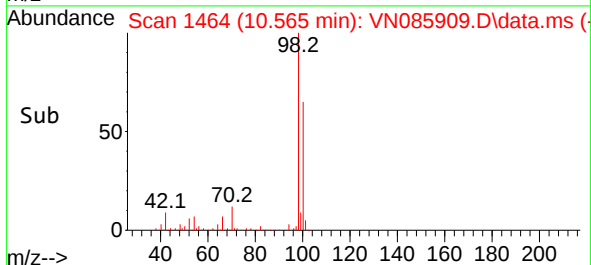
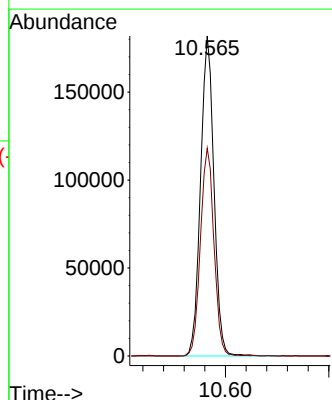
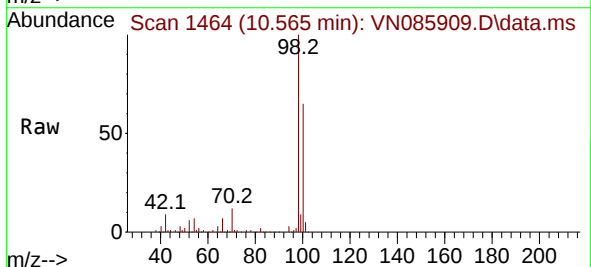
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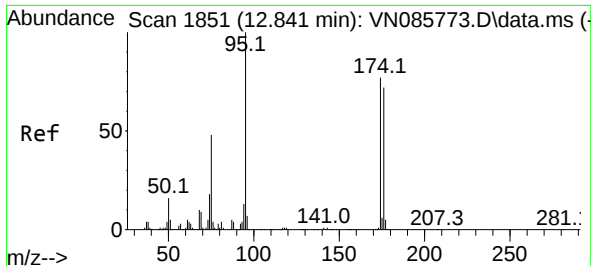
Tgt Ion: 43 Resp: 59014
Ion Ratio Lower Upper
43 100
61 18.8 22.6 34.0#
87 12.7 11.8 17.8



#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

Tgt Ion: 98 Resp: 326694
Ion Ratio Lower Upper
98 100
100 65.8 52.1 78.1

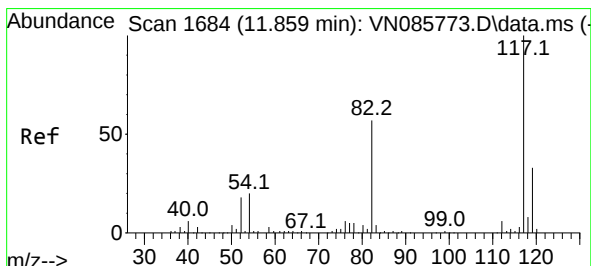
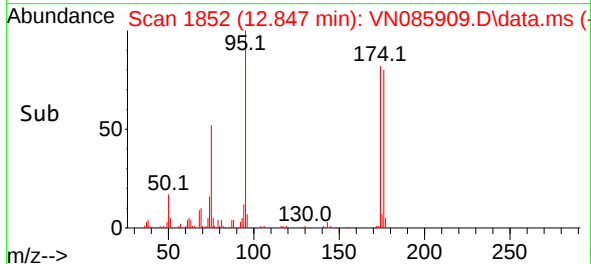
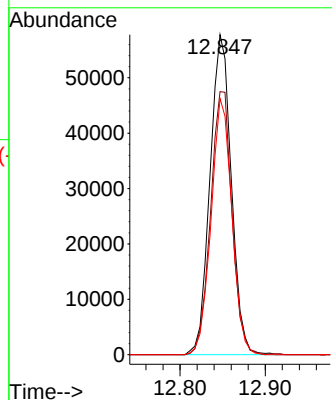
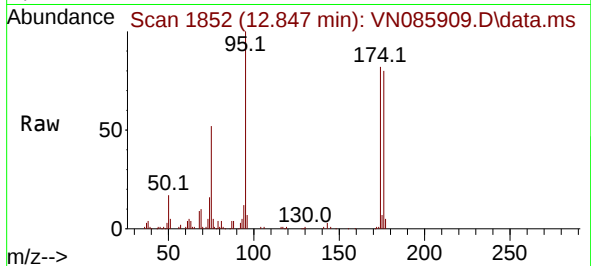




#62
4-Bromofluorobenzene
Concen: 49.637 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

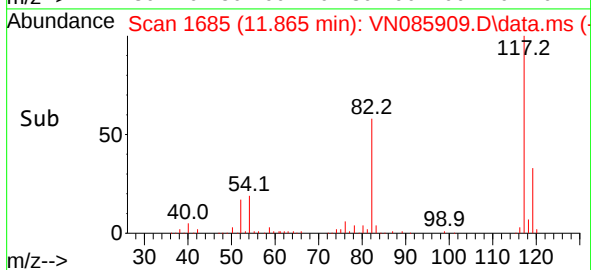
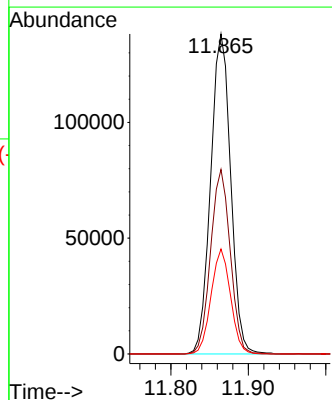
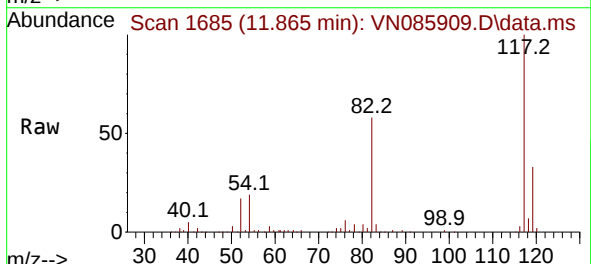
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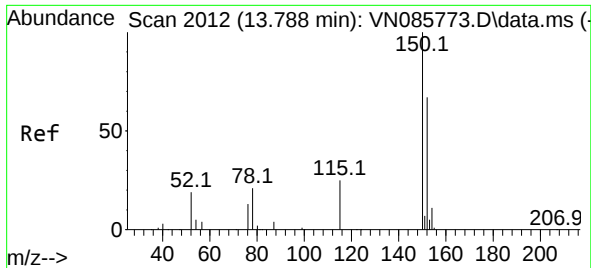
Tgt Ion: 95 Resp: 100159
Ion Ratio Lower Upper
95 100
174 82.8 0.0 152.4
176 78.1 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085909.D
Acq: 06 Mar 2025 19:31

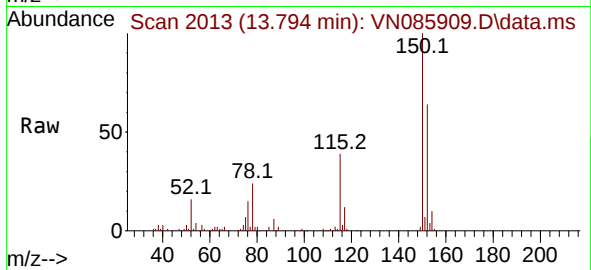
Tgt Ion: 117 Resp: 248701
Ion Ratio Lower Upper
117 100
82 57.7 45.7 68.5
119 32.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085909.D
 Acq: 06 Mar 2025 19:31

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166989ZHE#11



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.4	91.3
150	155.8	0.0	345.4

