

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085887.D
 Acq On : 27 Feb 2025 14:04
 Operator : JC\MD
 Sample : PB166880TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166880TB

Quant Time: Feb 28 02:00:09 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)

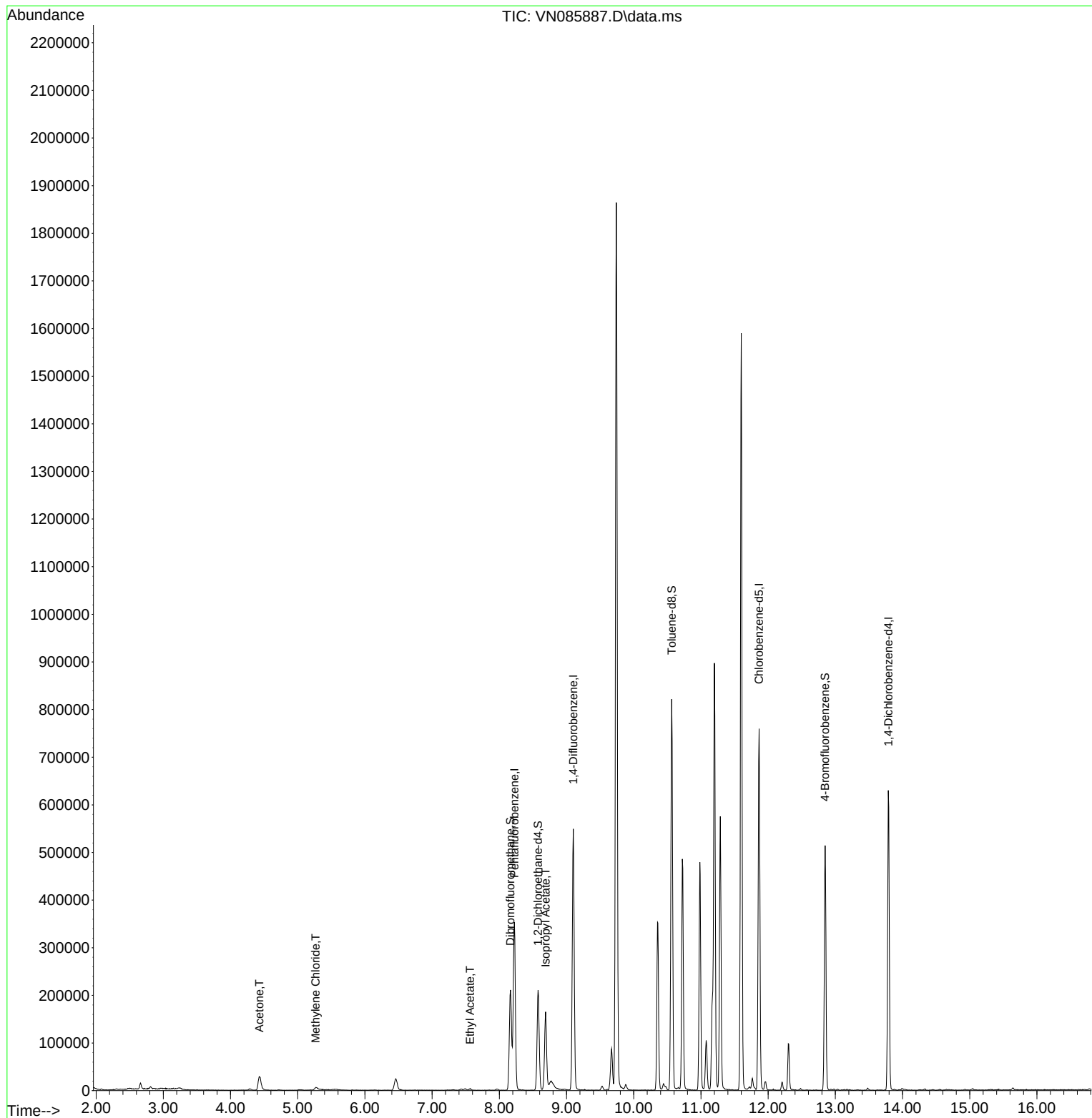
Internal Standards						
1) Pentafluorobenzene	8.224	168	256358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	480894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	460446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168813	50.792	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.580%		
35) Dibromofluoromethane	8.165	113	156118	49.613	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.220%		
50) Toluene-d8	10.565	98	585113	51.107	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.220%		
62) 4-Bromofluorobenzene	12.847	95	190177	50.416	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.840%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	56286	53.522	ug/l	98
20) Methylene Chloride	5.265	84	4623	1.367	ug/l #	86
37) Ethyl Acetate	7.565	43	4607	1.257	ug/l	96
43) Isopropyl Acetate	8.689	43	177708	27.382	ug/l #	92

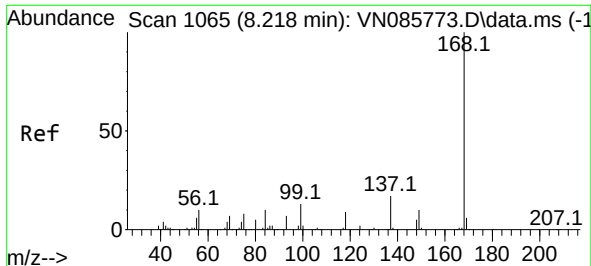
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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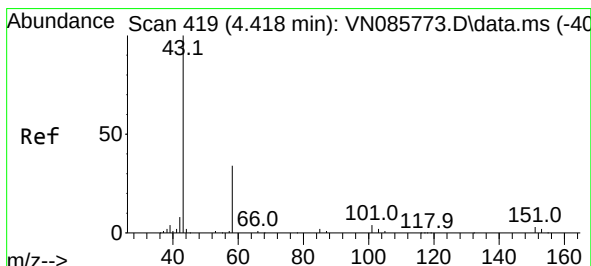
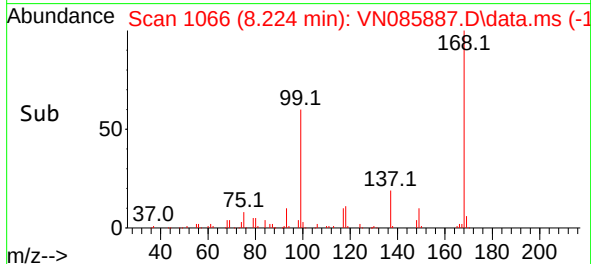
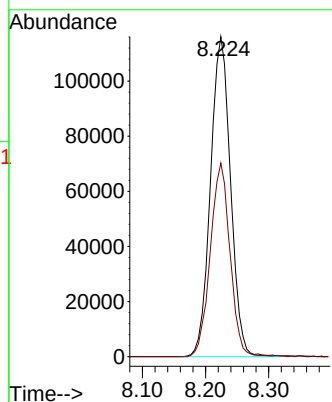
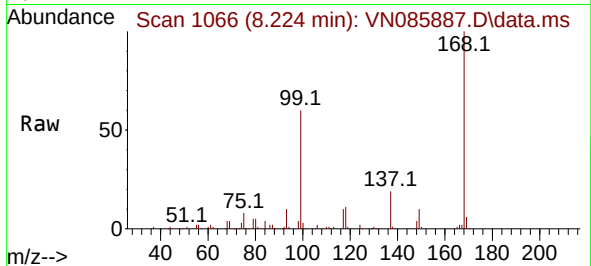




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

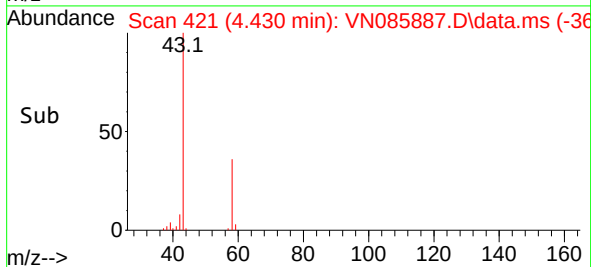
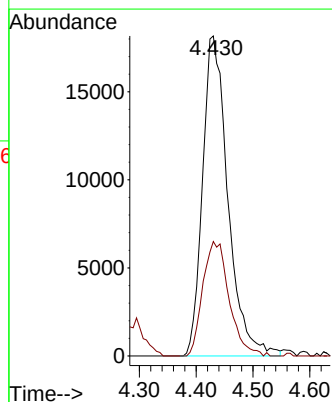
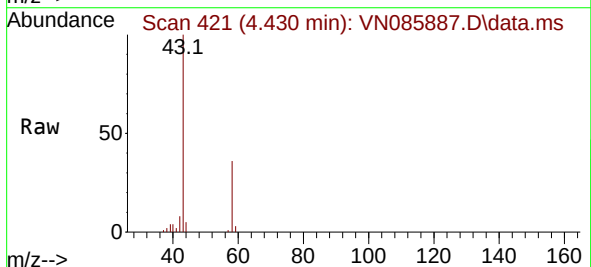
Instrument :
MSVOA_N
ClientSampleId :
PB166880TB

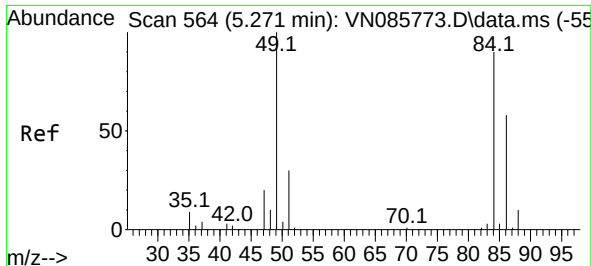
Tgt Ion:168 Resp: 256358
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 53.522 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

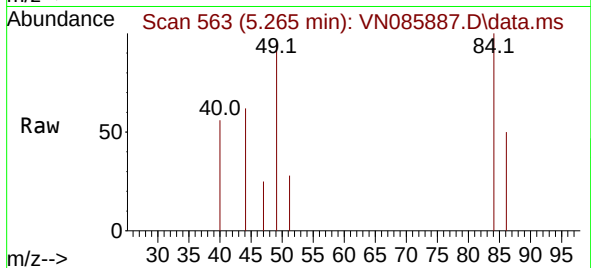
Tgt Ion: 43 Resp: 56286
Ion Ratio Lower Upper
43 100
58 35.8 27.5 41.3



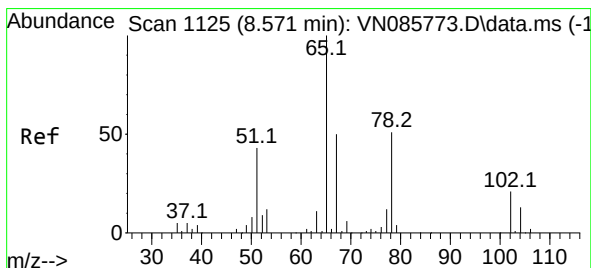
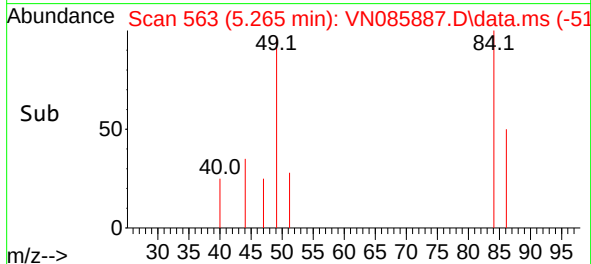
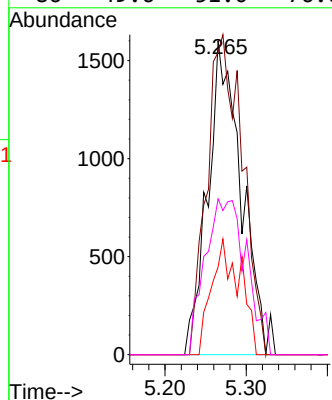


#20
Methylene Chloride
Concen: 1.367 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
PB166880TB

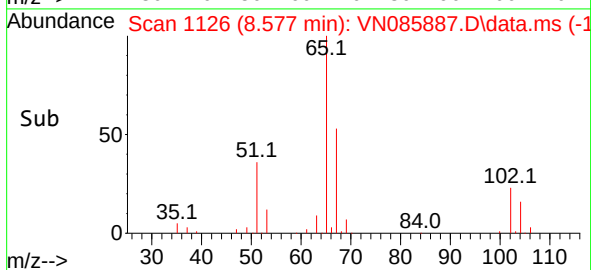
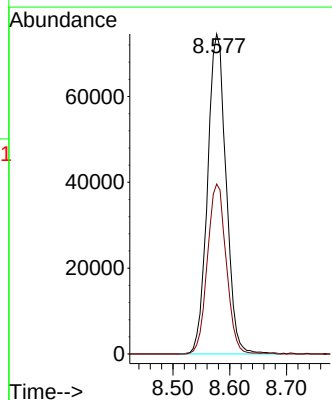
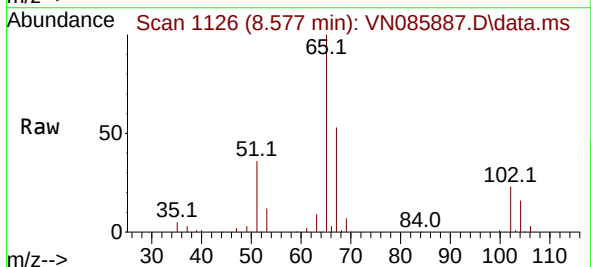


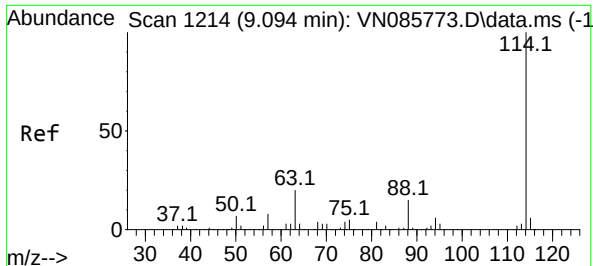
Tgt Ion:	84	Resp:	4623
Ion	Ratio	Lower	Upper
84	100		
49	96.3	88.4	132.6
51	28.0	26.6	40.0
86	49.6	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 50.792 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

Tgt Ion:	65	Resp:	168813
Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VN085887.D

Acq: 27 Feb 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

PB166880TB

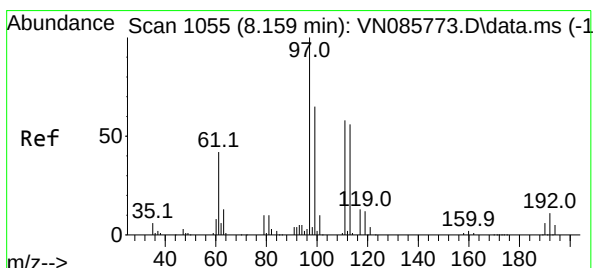
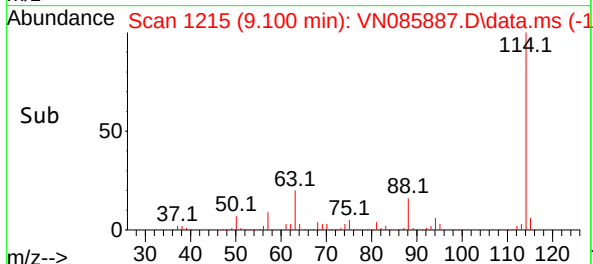
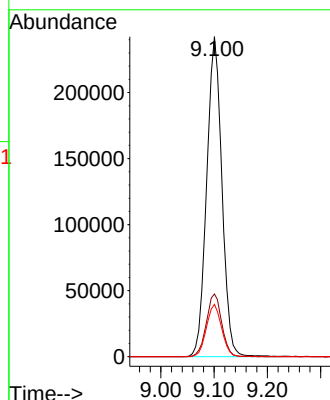
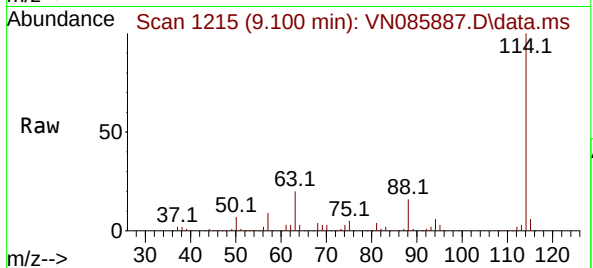
Tgt Ion:114 Resp: 480894

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.2

88 16.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 49.613 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085887.D

Acq: 27 Feb 2025 14:04

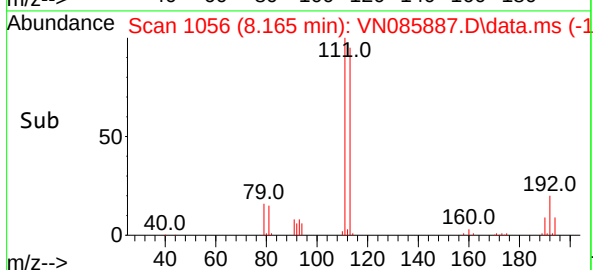
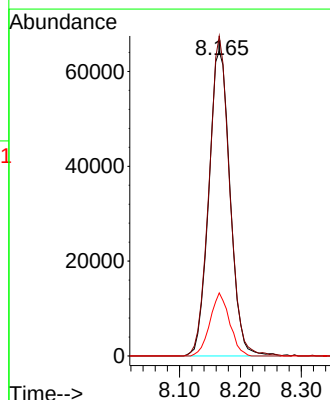
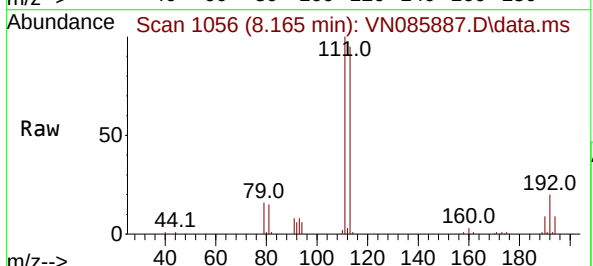
Tgt Ion:113 Resp: 156118

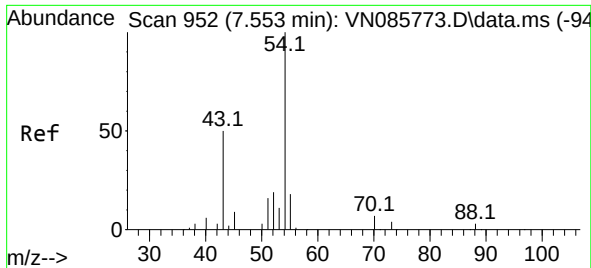
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 19.0 14.7 22.1

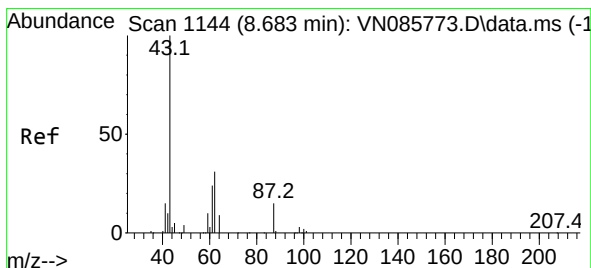
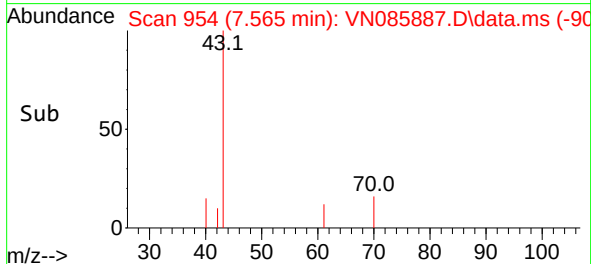
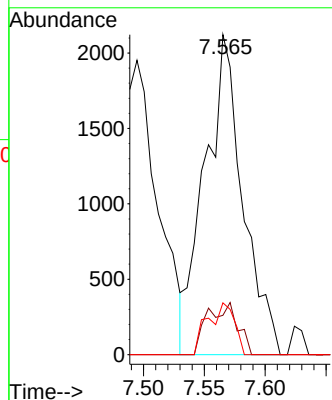
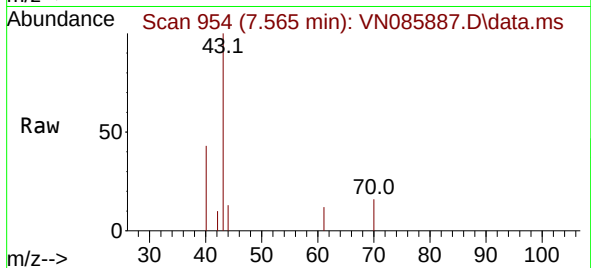




#37
Ethyl Acetate
Concen: 1.257 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

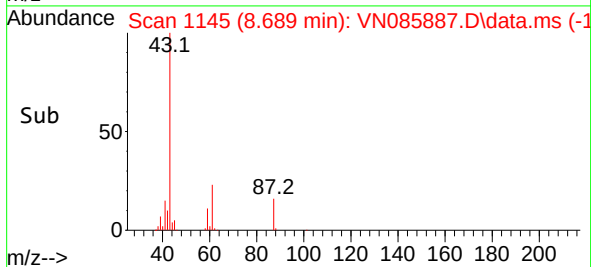
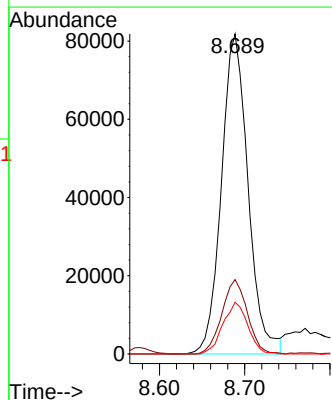
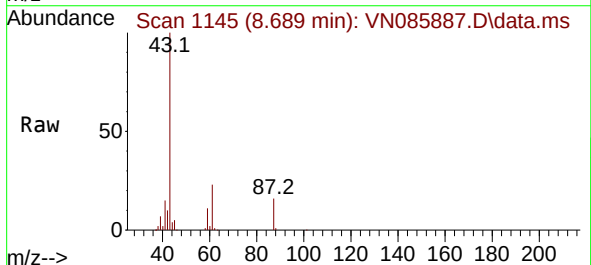
Instrument :
MSVOA_N
ClientSampleId :
PB166880TB

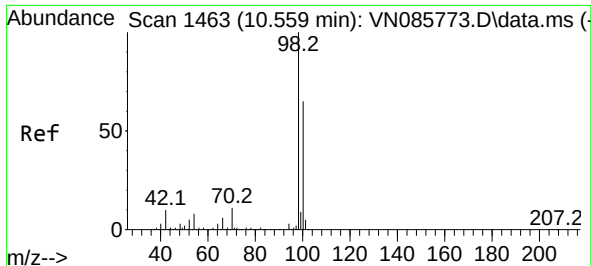
Tgt Ion:	43	Resp:	4607
Ion	Ratio	Lower	Upper
43	100		
61	12.9	12.2	18.2
70	11.5	9.5	14.3



#43
Isopropyl Acetate
Concen: 27.382 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

Tgt Ion:	43	Resp:	177708
Ion	Ratio	Lower	Upper
43	100		
61	22.2	22.6	34.0#
87	15.0	11.8	17.8

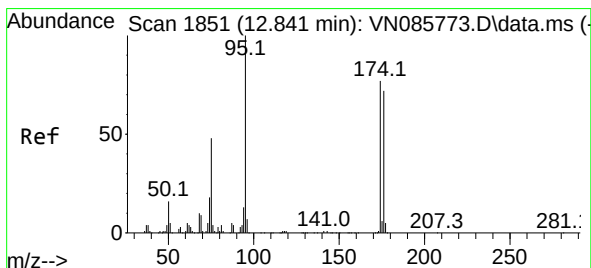
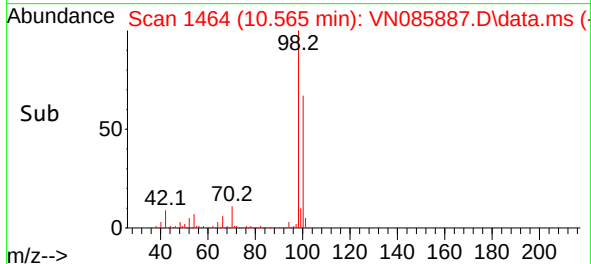
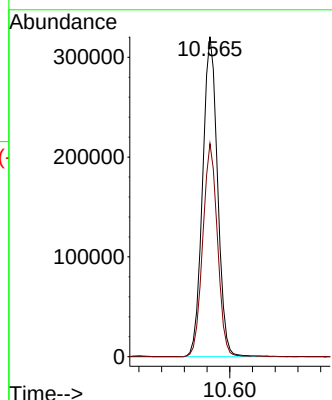
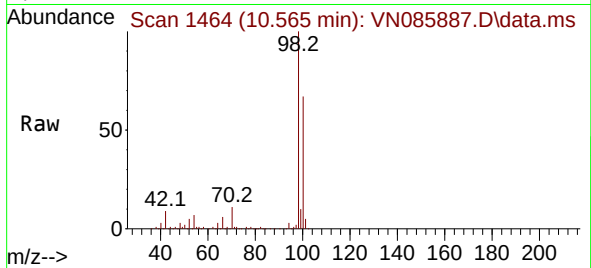




#50
Toluene-d8
Concen: 51.107 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

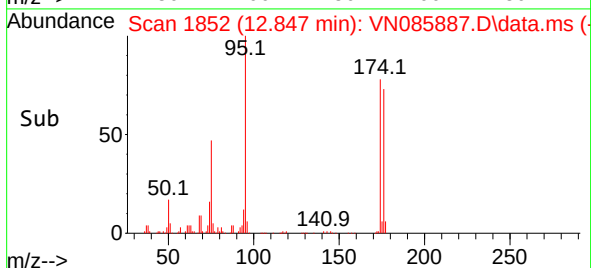
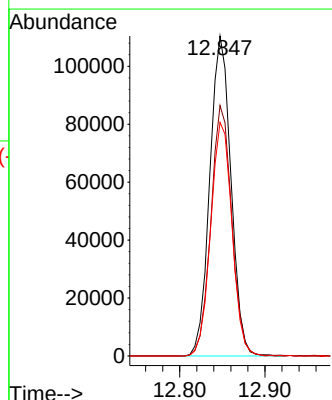
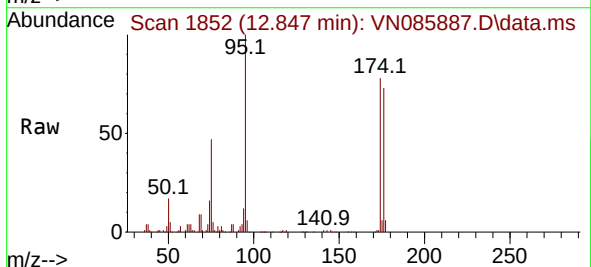
Instrument :
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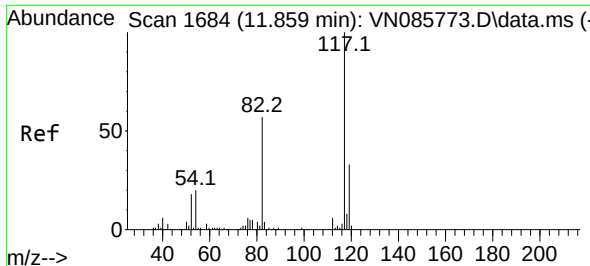
Tgt Ion: 98 Resp: 585113
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.416 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

Tgt Ion: 95 Resp: 190177
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.4
176 73.5 0.0 146.6

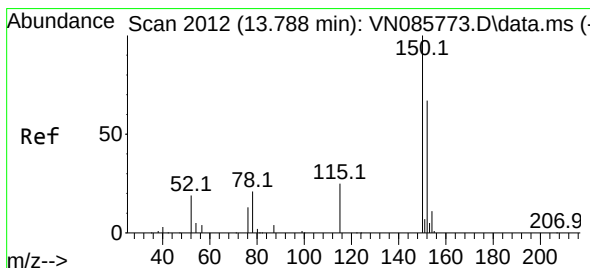
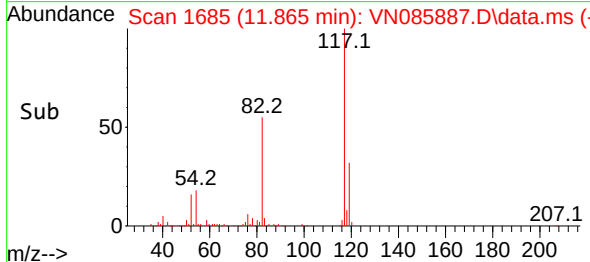
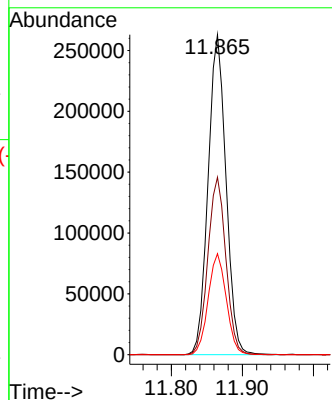
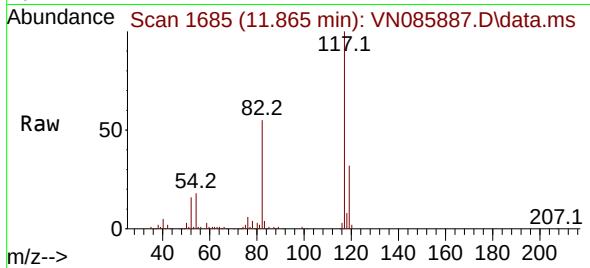




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085887.D
Acq: 27 Feb 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 460446
Ion Ratio Lower Upper
117 100
82 55.4 45.7 68.5
119 31.6 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: VN085887.D
Acq: 27 Feb 2025 14:04

Tgt Ion:152 Resp: 178126
Ion Ratio Lower Upper
152 100
115 62.7 30.4 91.3
150 160.4 0.0 345.4

