

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085889.D
 Acq On : 27 Feb 2025 14:53
 Operator : JC\MD
 Sample : PB166880ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166880ZHE#02

Quant Time: Feb 28 02:01:13 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)

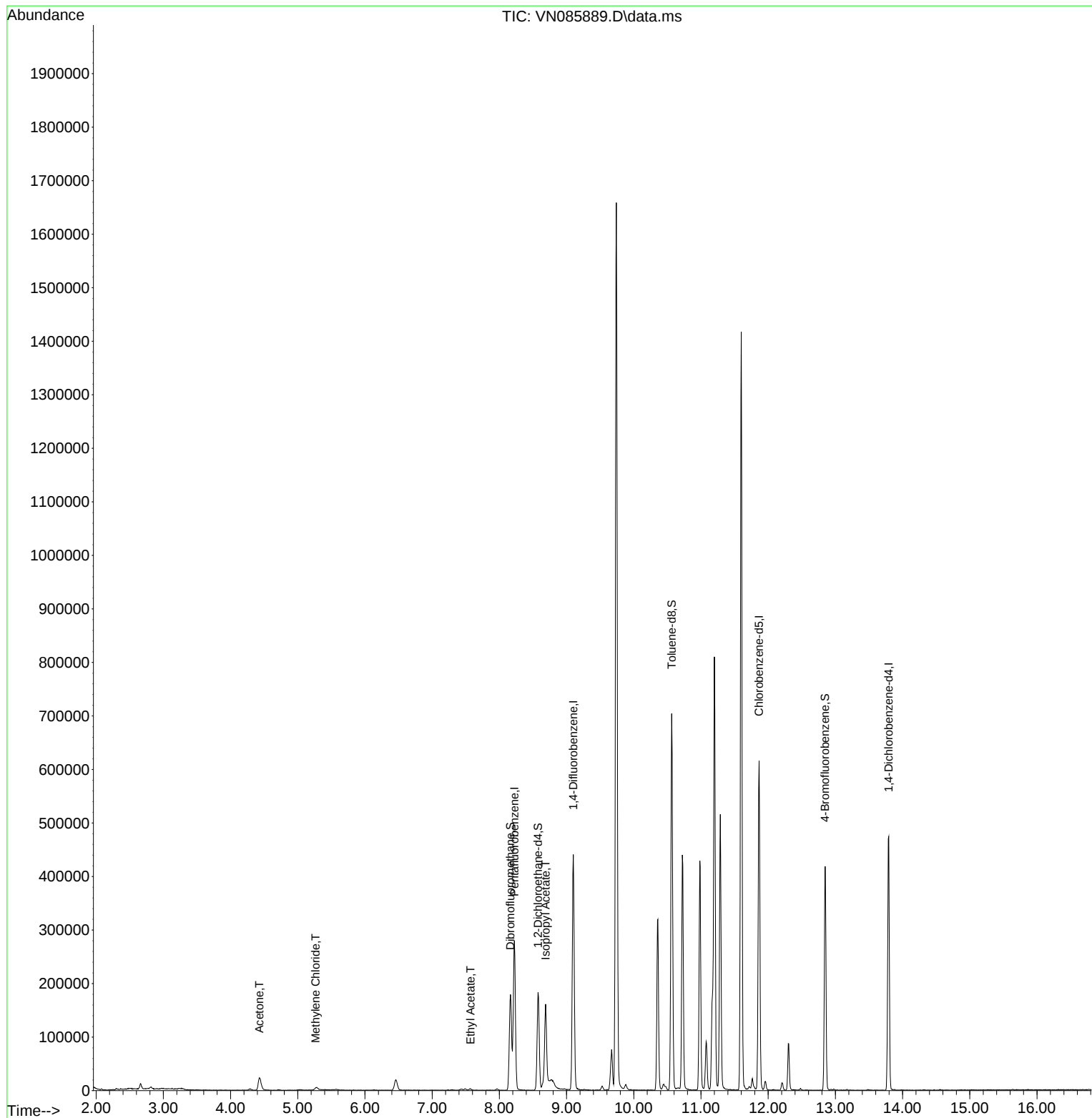
Internal Standards						
1) Pentafluorobenzene	8.224	168	205149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	387021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	147141	55.323	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.640%
35) Dibromofluoromethane	8.165	113	133257	52.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	10.565	98	496451	53.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.760%
62) 4-Bromofluorobenzene	12.847	95	151615	49.943	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.880%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	44228	52.554	ug/l	95
20) Methylene Chloride	5.265	84	3713	1.372	ug/l #	81
37) Ethyl Acetate	7.571	43	4168	1.413	ug/l #	90
43) Isopropyl Acetate	8.688	43	182625	35.118	ug/l #	87

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

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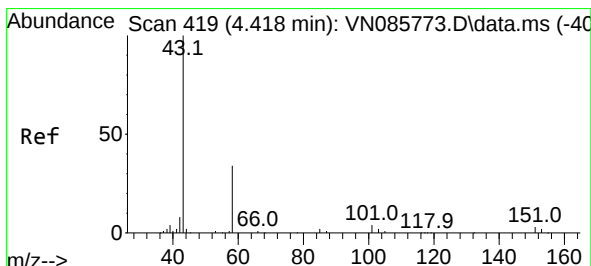
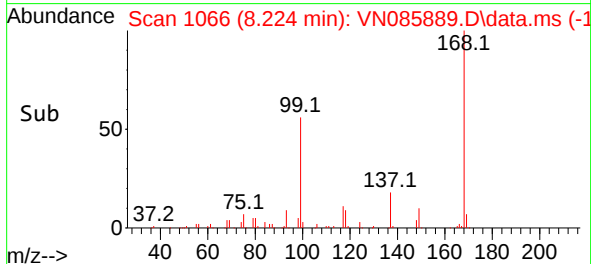
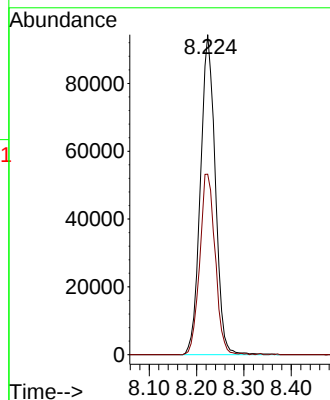
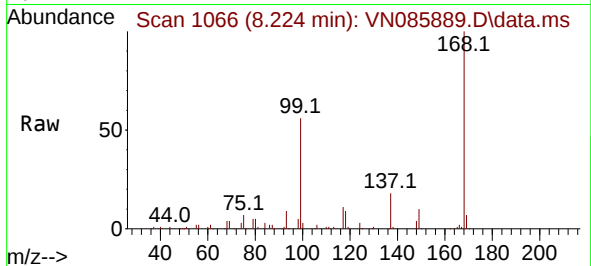




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

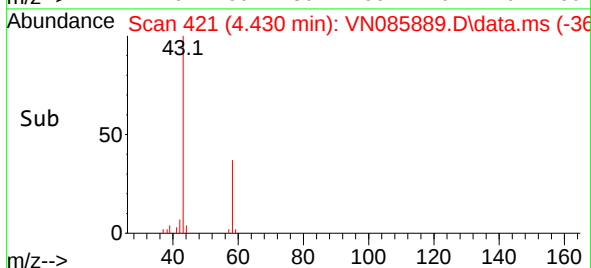
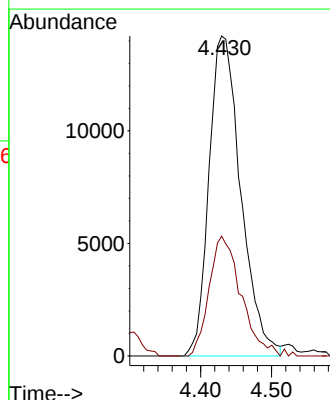
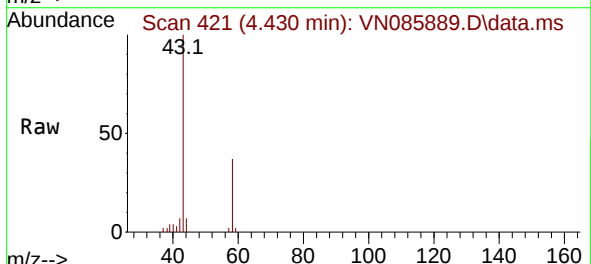
Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#02

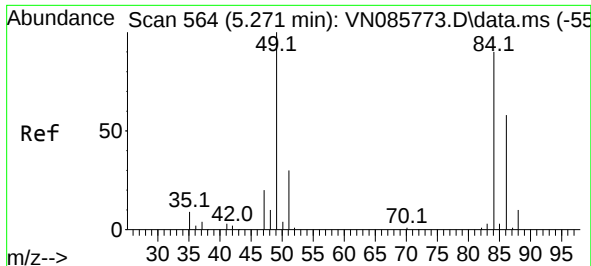
Tgt Ion:168 Resp: 205149
Ion Ratio Lower Upper
168 100
99 56.4 47.9 71.9



#16
Acetone
Concen: 52.554 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

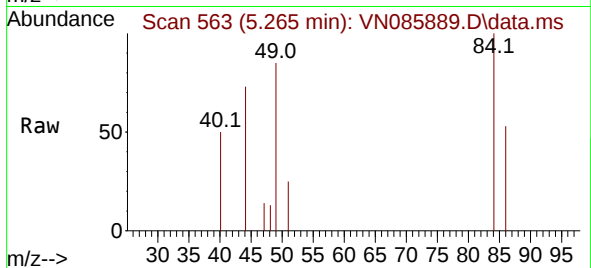
Tgt Ion: 43 Resp: 44228
Ion Ratio Lower Upper
43 100
58 37.4 27.5 41.3



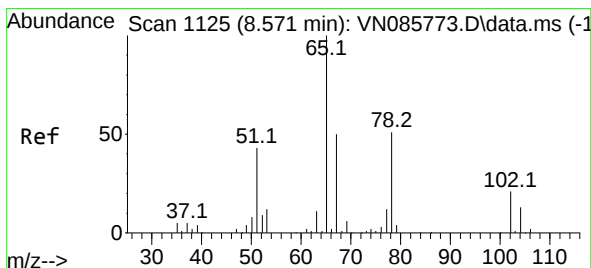
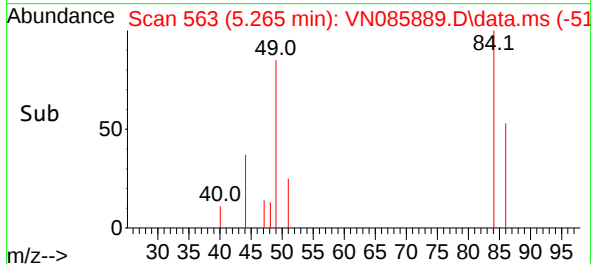
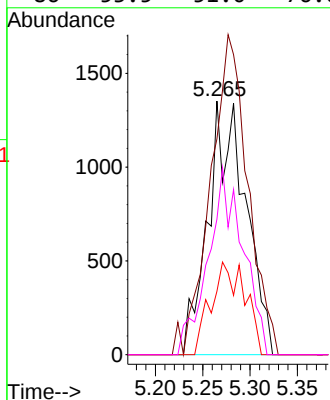


#20
Methylene Chloride
Concen: 1.372 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#02

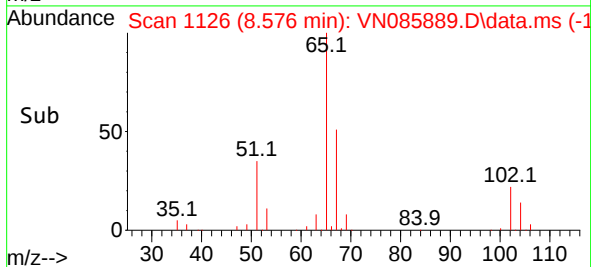
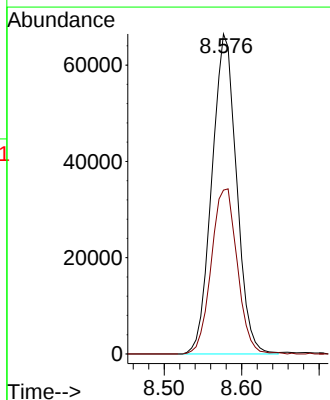
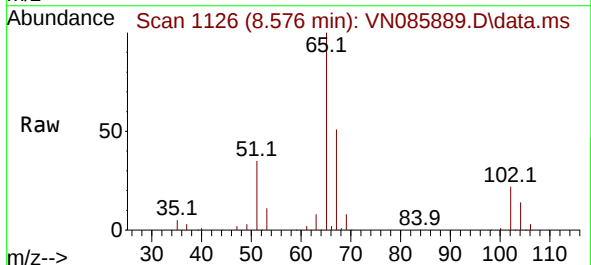


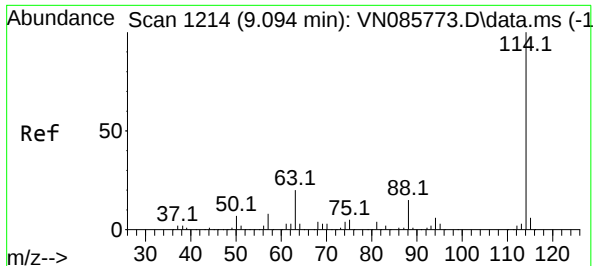
Tgt Ion:	84	Resp:	3713
Ion	Ratio	Lower	Upper
84	100		
49	85.1	88.4	132.6#
51	25.0	26.6	40.0#
86	53.5	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 55.323 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Tgt Ion:	65	Resp:	147141
Ion	Ratio	Lower	Upper
65	100		
67	54.3	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: VN085889.D

Acq: 27 Feb 2025 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB166880ZHE#02

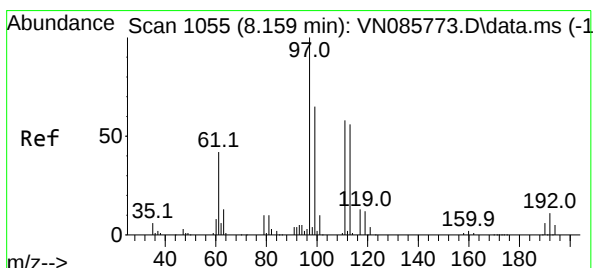
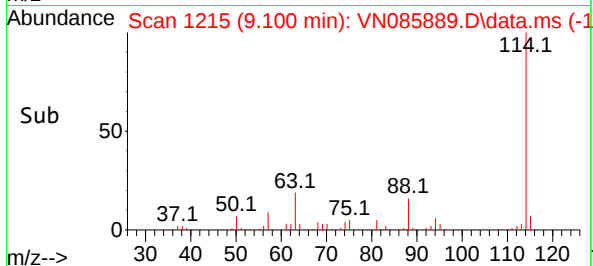
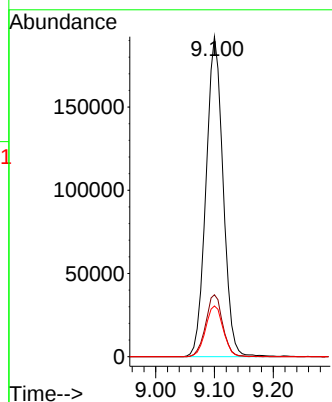
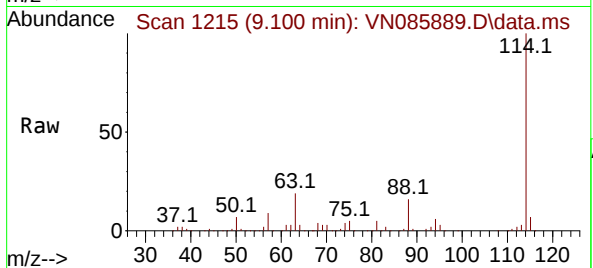
Tgt Ion:114 Resp: 387021

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.619 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085889.D

Acq: 27 Feb 2025 14:53

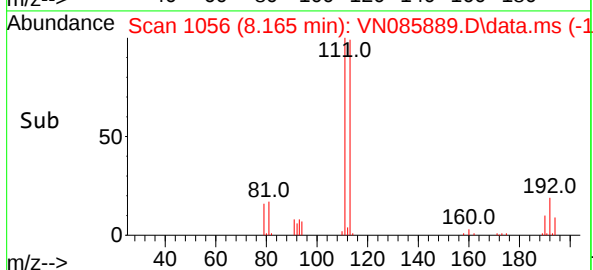
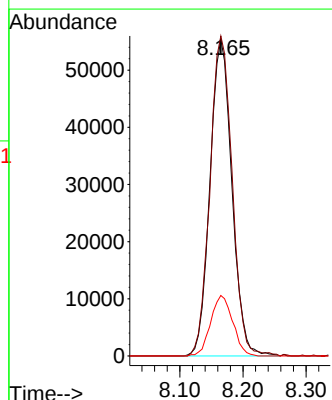
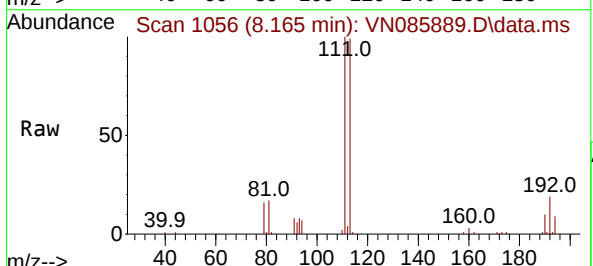
Tgt Ion:113 Resp: 133257

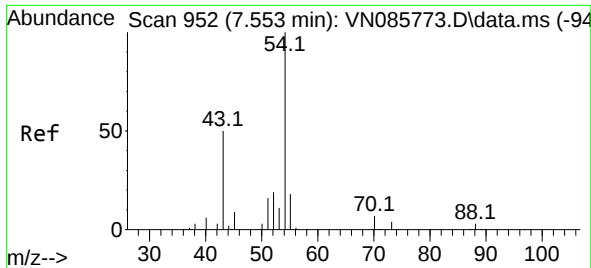
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 19.3 14.7 22.1

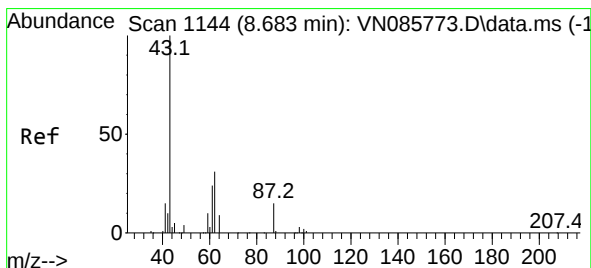
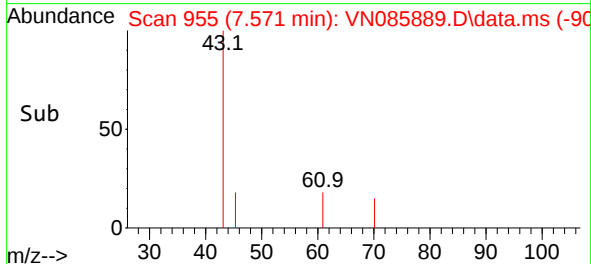
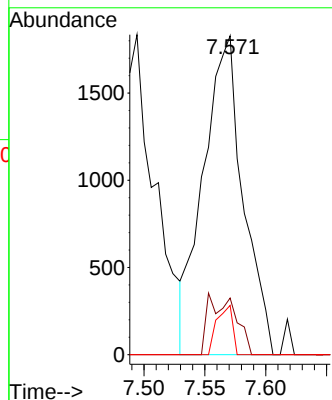
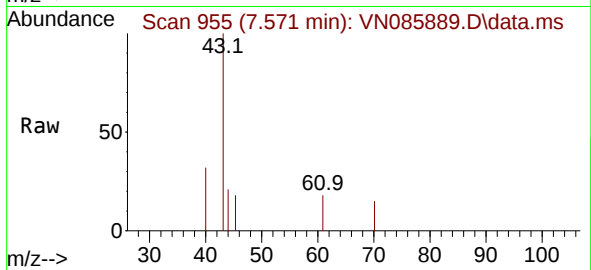




#37
Ethyl Acetate
Concen: 1.413 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.017 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

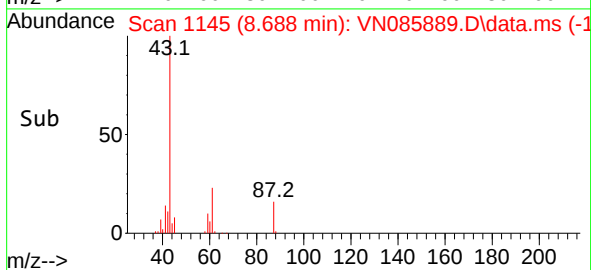
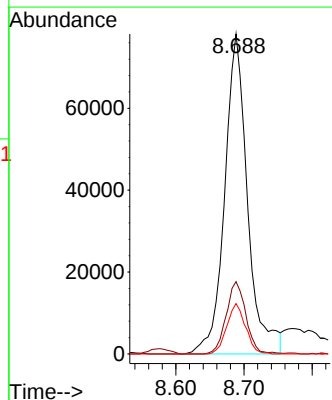
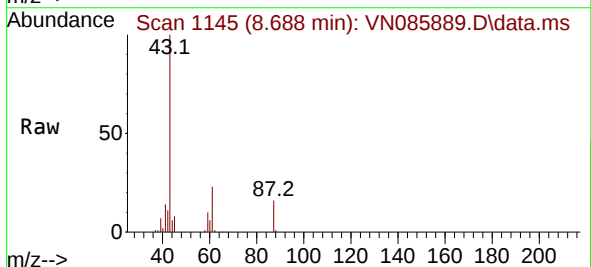
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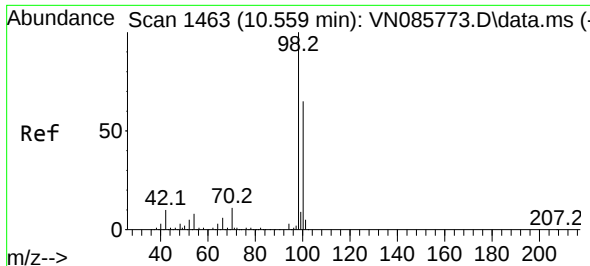
Tgt Ion: 43 Resp: 4168
Ion Ratio Lower Upper
43 100
61 12.9 12.2 18.2
70 6.1 9.5 14.3#



#43
Isopropyl Acetate
Concen: 35.118 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Tgt Ion: 43 Resp: 182625
Ion Ratio Lower Upper
43 100
61 19.5 22.6 34.0#
87 12.9 11.8 17.8

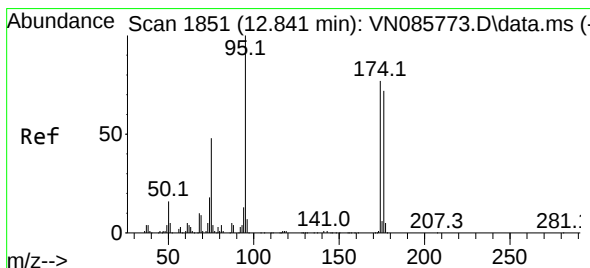
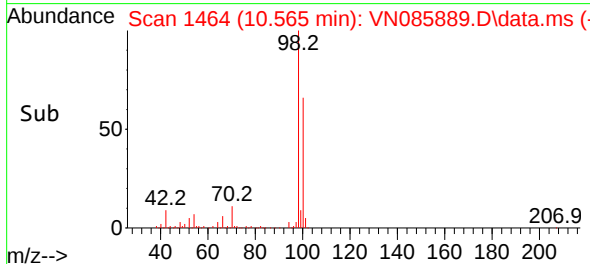
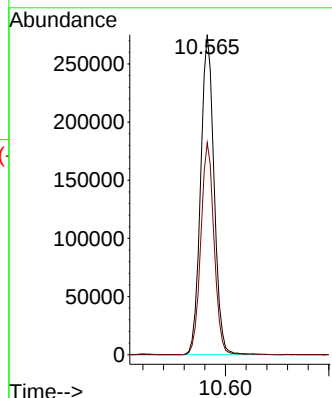
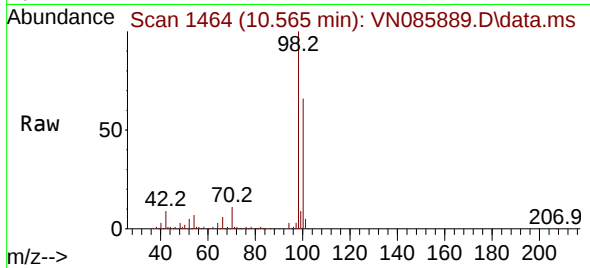




#50
Toluene-d8
Concen: 53.880 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

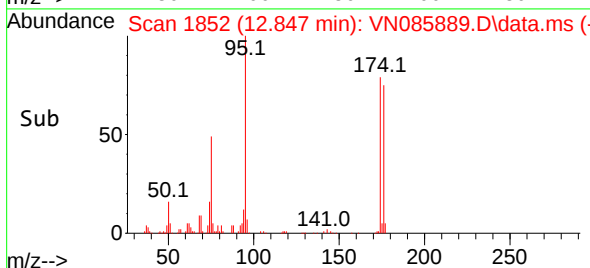
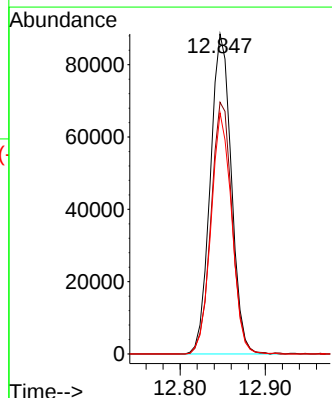
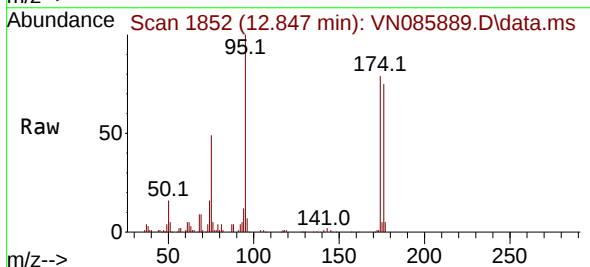
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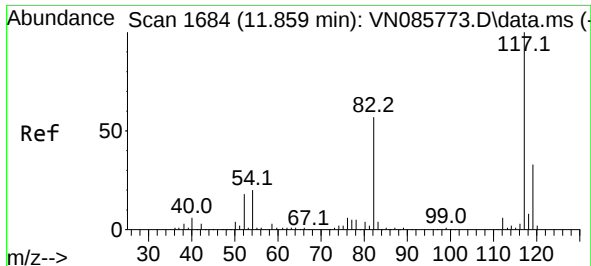
Tgt Ion: 98 Resp: 496451
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Tgt Ion: 95 Resp: 151615
Ion Ratio Lower Upper
95 100
174 78.7 0.0 152.4
176 74.1 0.0 146.6

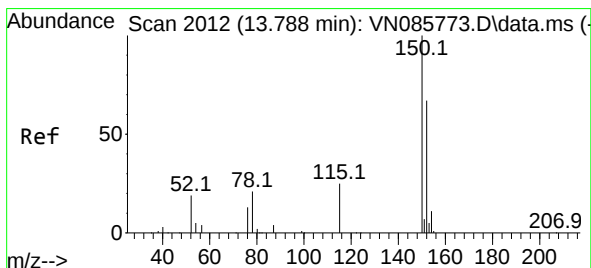
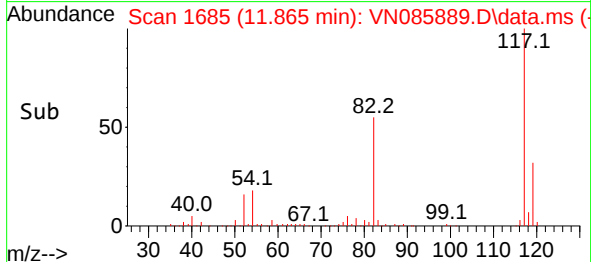
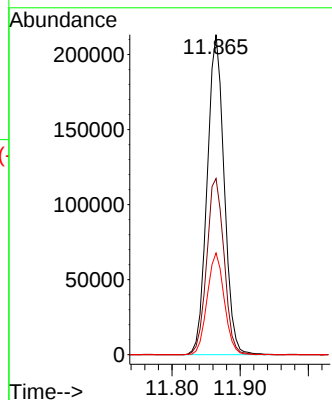
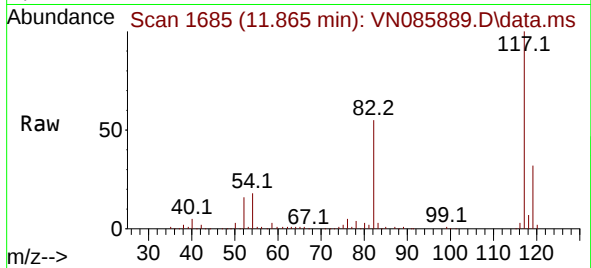




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#02

Tgt Ion:117 Resp: 370328
Ion Ratio Lower Upper
117 100
82 55.0 45.7 68.5
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085889.D
Acq: 27 Feb 2025 14:53

Tgt Ion:152 Resp: 138487
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 156.7 0.0 345.4

