

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085888.D
 Acq On : 27 Feb 2025 14:28
 Operator : JC\MD
 Sample : PB166880ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166880ZHE#01

Quant Time: Feb 28 02:00:42 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)

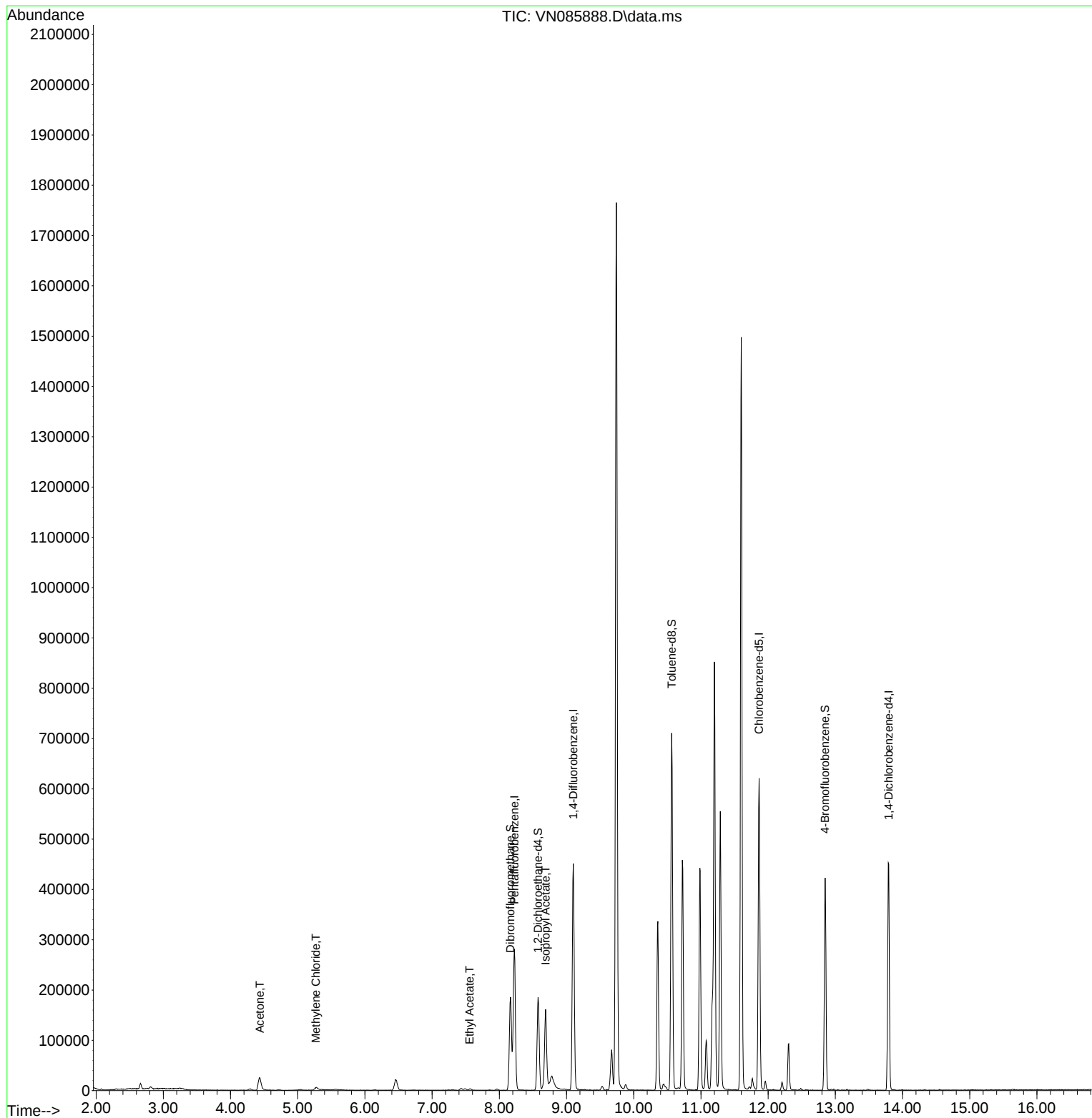
Internal Standards						
1) Pentafluorobenzene	8.224	168	207564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	149869	55.693	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	111.380%	
35) Dibromofluoromethane	8.165	113	135307	51.945	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.880%	
50) Toluene-d8	10.565	98	509258	53.735	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.480%	
62) 4-Bromofluorobenzene	12.847	95	155365	49.756	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	99.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	48189	56.594	ug/l	95
20) Methylene Chloride	5.271	84	4382	1.600	ug/l	90
37) Ethyl Acetate	7.559	43	4395	1.449	ug/l #	86
43) Isopropyl Acetate	8.688	43	175654	32.803	ug/l #	90

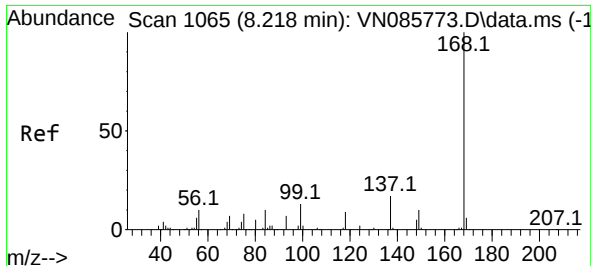
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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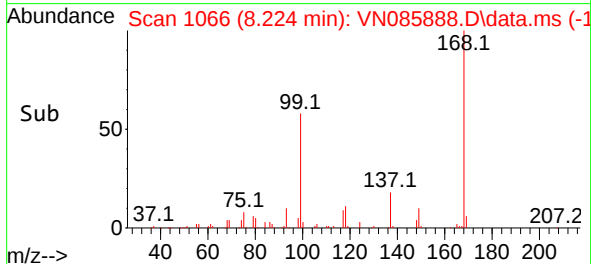
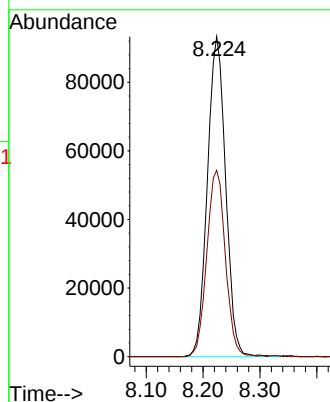
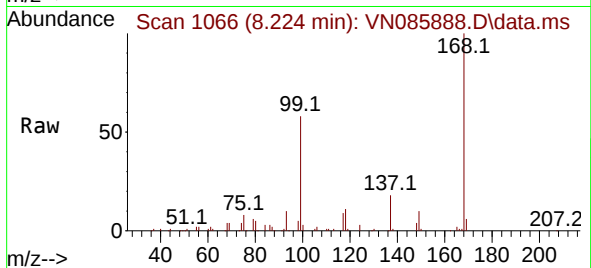




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

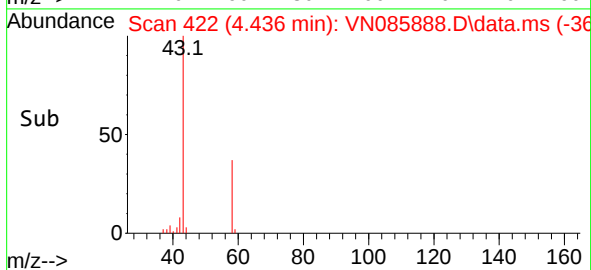
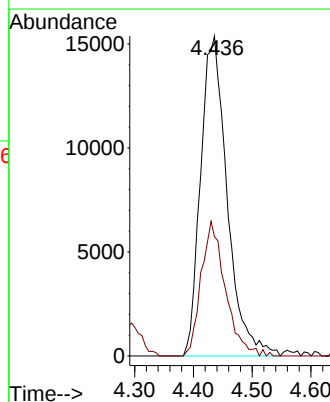
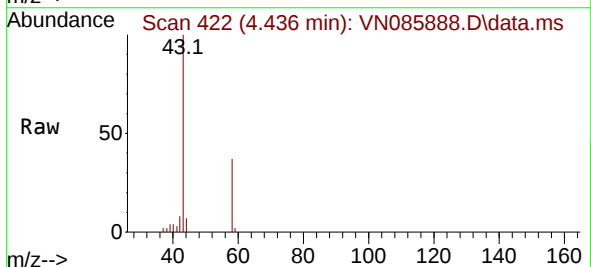
Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#01

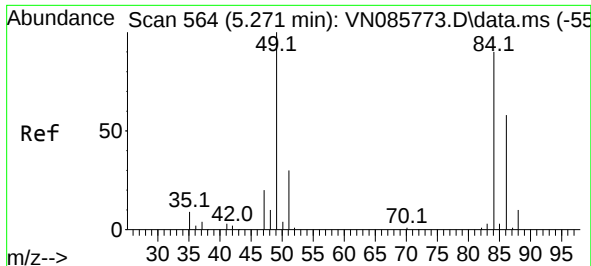
Tgt Ion:168 Resp: 207564
Ion Ratio Lower Upper
168 100
99 58.2 47.9 71.9



#16
Acetone
Concen: 56.594 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.018 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

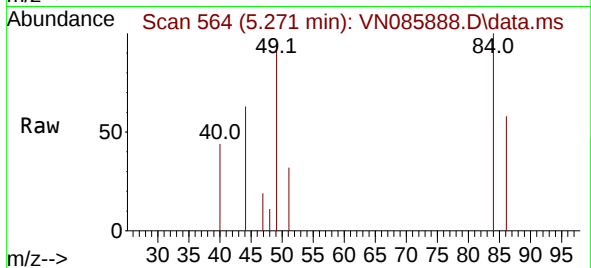
Tgt Ion: 43 Resp: 48189
Ion Ratio Lower Upper
43 100
58 37.3 27.5 41.3





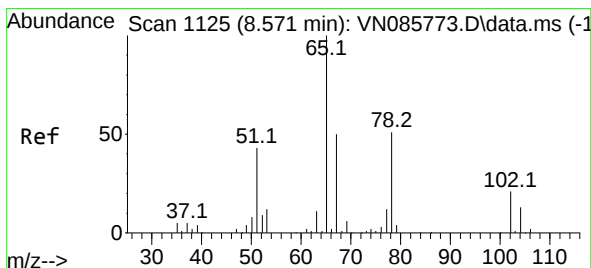
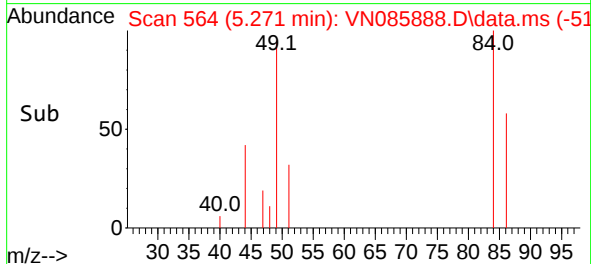
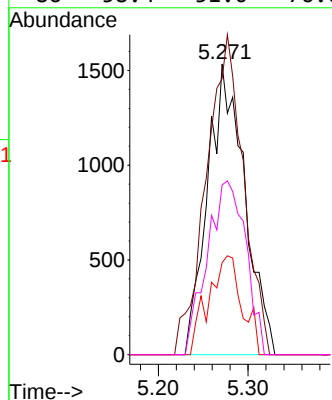
#20
Methylene Chloride
Concen: 1.600 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#01



Tgt Ion: 84 Resp: 4382

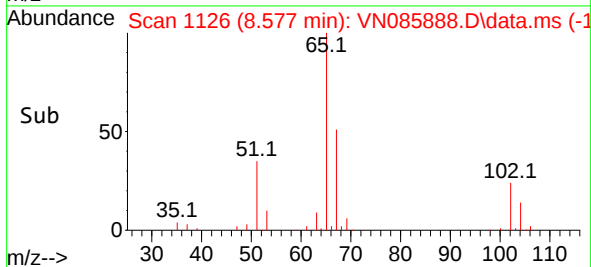
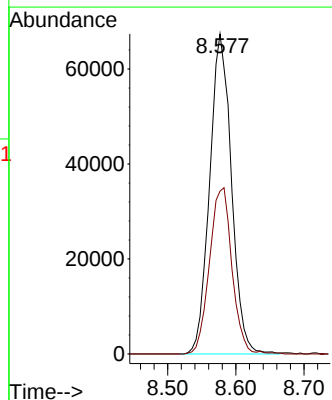
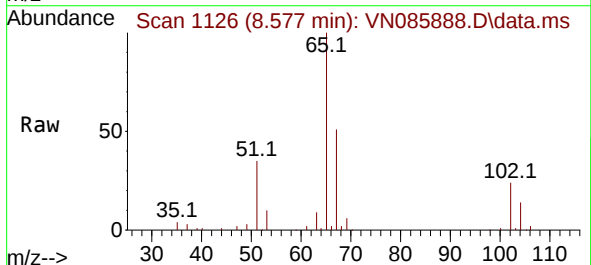
Ion	Ratio	Lower	Upper
84	100		
49	95.0	88.4	132.6
51	31.6	26.6	40.0
86	58.4	51.0	76.6

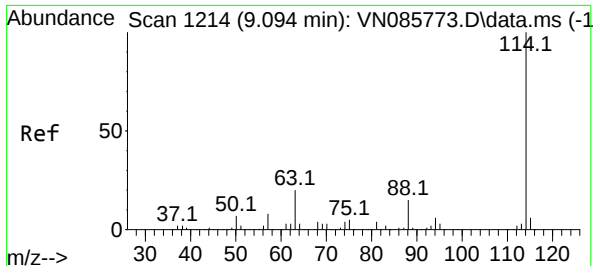


#33
1,2-Dichloroethane-d4
Concen: 55.693 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

Tgt Ion: 65 Resp: 149869

Ion	Ratio	Lower	Upper
65	100		
67	53.7	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: VN085888.D

Acq: 27 Feb 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB166880ZHE#01

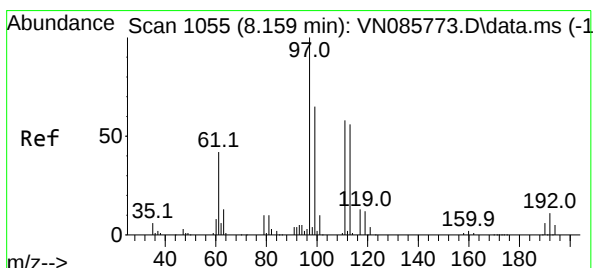
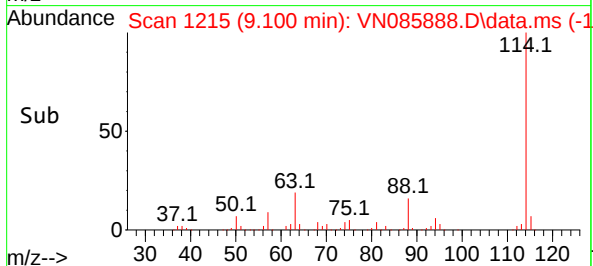
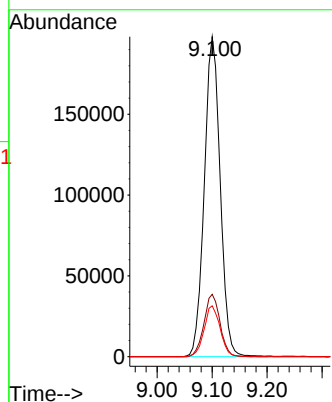
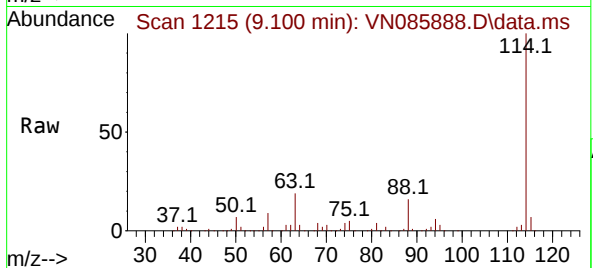
Tgt Ion:114 Resp: 398078

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 51.945 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085888.D

Acq: 27 Feb 2025 14:28

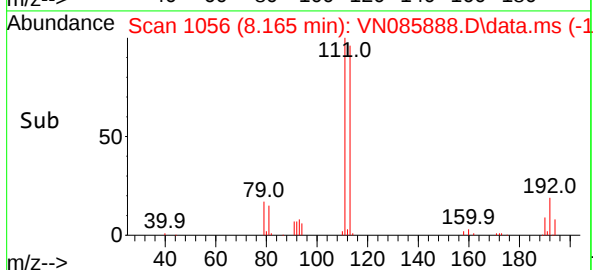
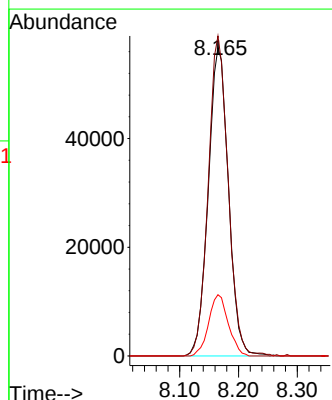
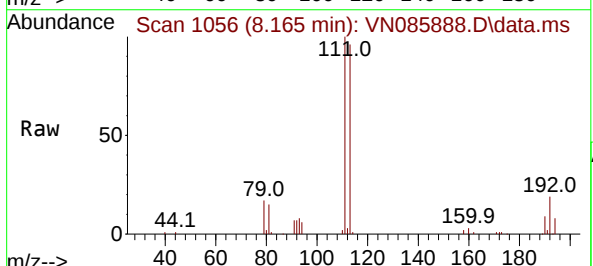
Tgt Ion:113 Resp: 135307

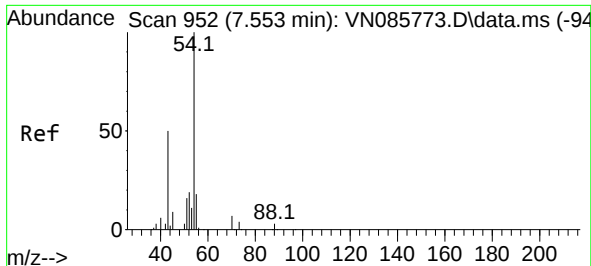
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 19.3 14.7 22.1





#37

Ethyl Acetate

Concen: 1.449 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN085888.D

Acq: 27 Feb 2025 14:28

Instrument :

MSVOA_N

ClientSampleId :

PB166880ZHE#01

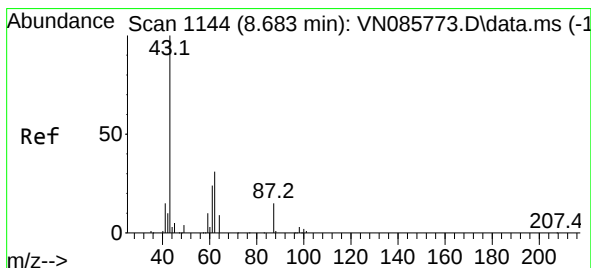
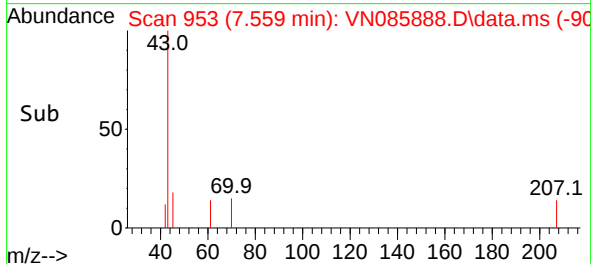
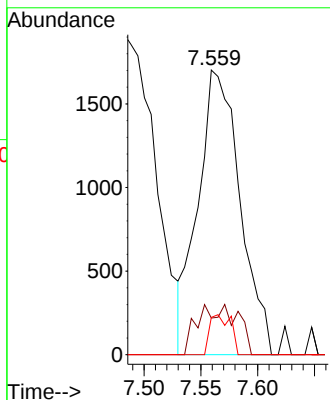
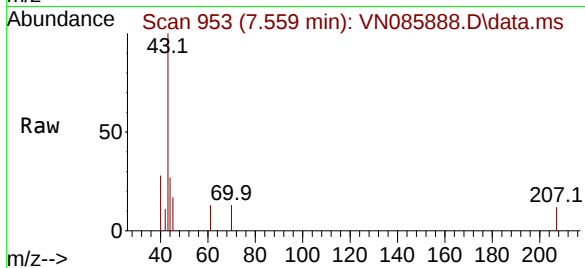
Tgt Ion: 43 Resp: 4395

Ion Ratio Lower Upper

43 100

61 9.0 12.2 18.2#

70 7.0 9.5 14.3#



#43

Isopropyl Acetate

Concen: 32.803 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.005 min

Lab File: VN085888.D

Acq: 27 Feb 2025 14:28

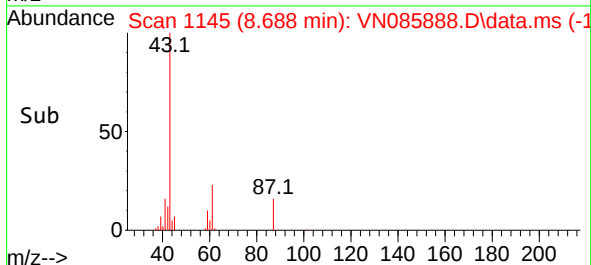
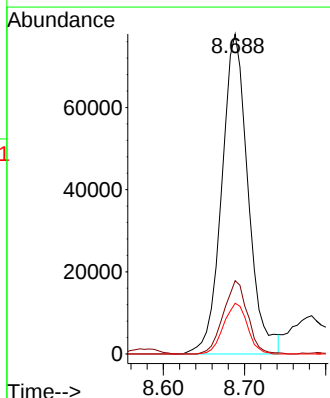
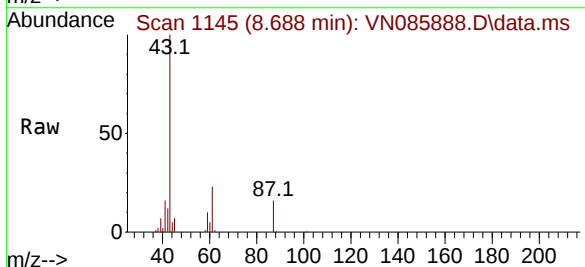
Tgt Ion: 43 Resp: 175654

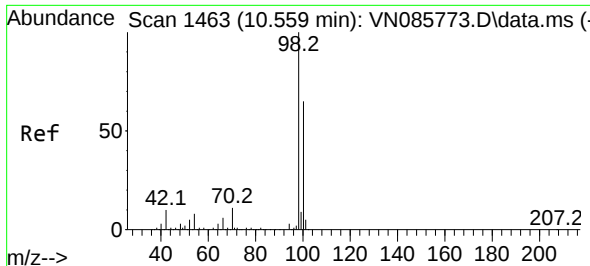
Ion Ratio Lower Upper

43 100

61 20.9 22.6 34.0#

87 14.3 11.8 17.8

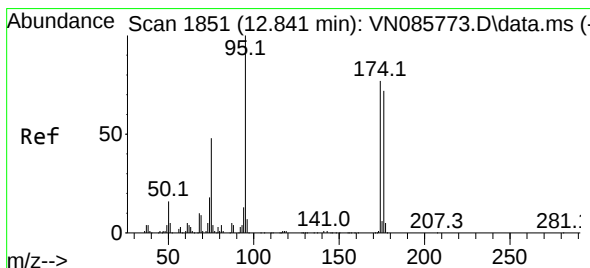
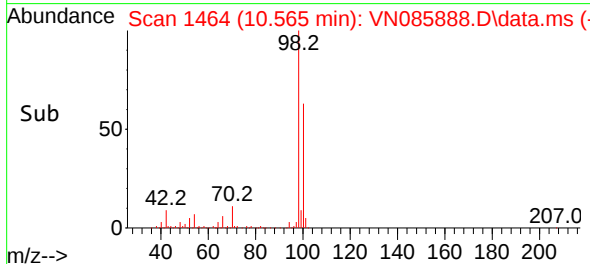
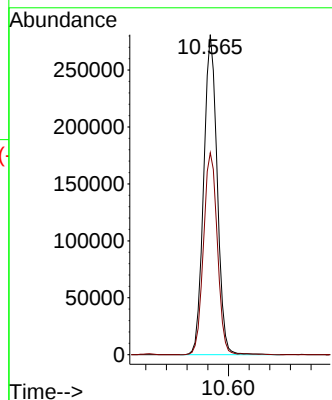
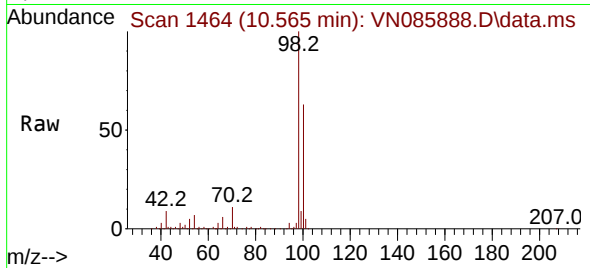




#50
Toluene-d8
Concen: 53.735 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

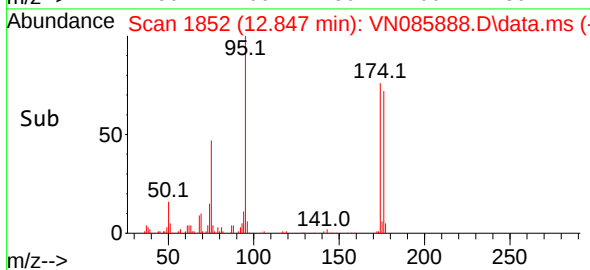
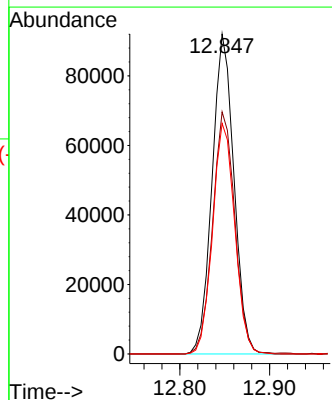
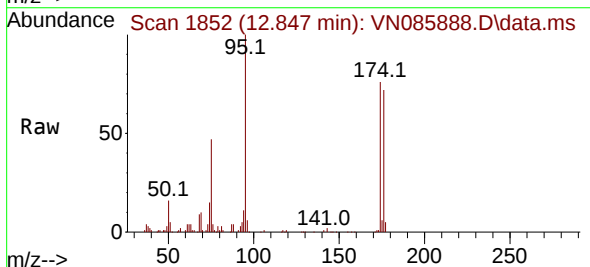
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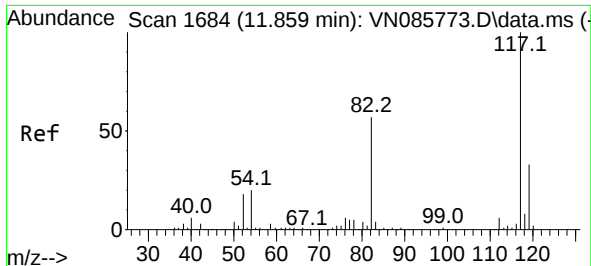
Tgt Ion: 98 Resp: 509258
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

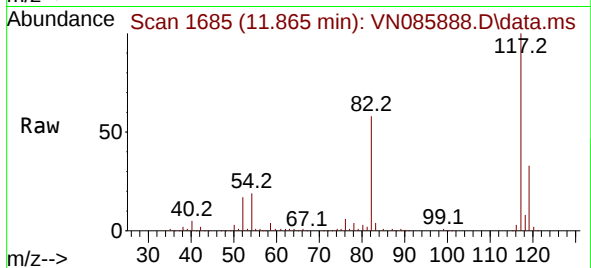
Tgt Ion: 95 Resp: 155365
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 73.2 0.0 146.6



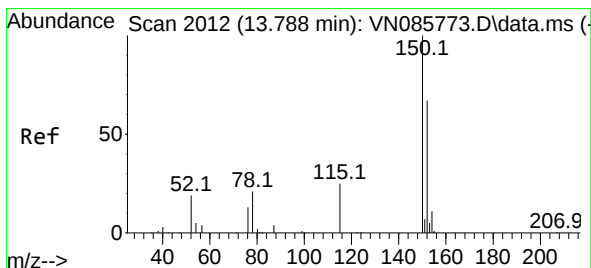
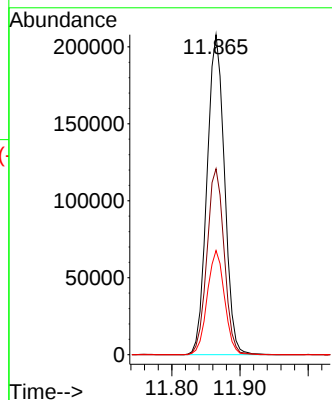
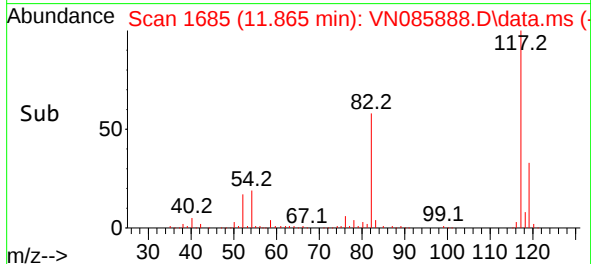


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085888.D
Acq: 27 Feb 2025 14:28

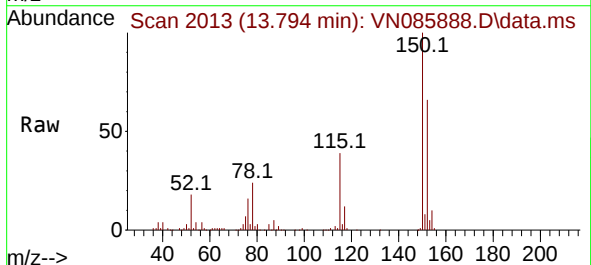
Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#01



Tgt Ion:117 Resp: 371093
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 32.5 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: VN085888.D
Acq: 27 Feb 2025 14:28



Tgt Ion:152 Resp: 134346
Ion Ratio Lower Upper
152 100
115 60.7 30.4 91.3
150 155.9 0.0 345.4

