

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085890.D
 Acq On : 27 Feb 2025 15:17
 Operator : JC\MD
 Sample : PB166880ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166880ZHE#03

Quant Time: Feb 28 02:01:41 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)

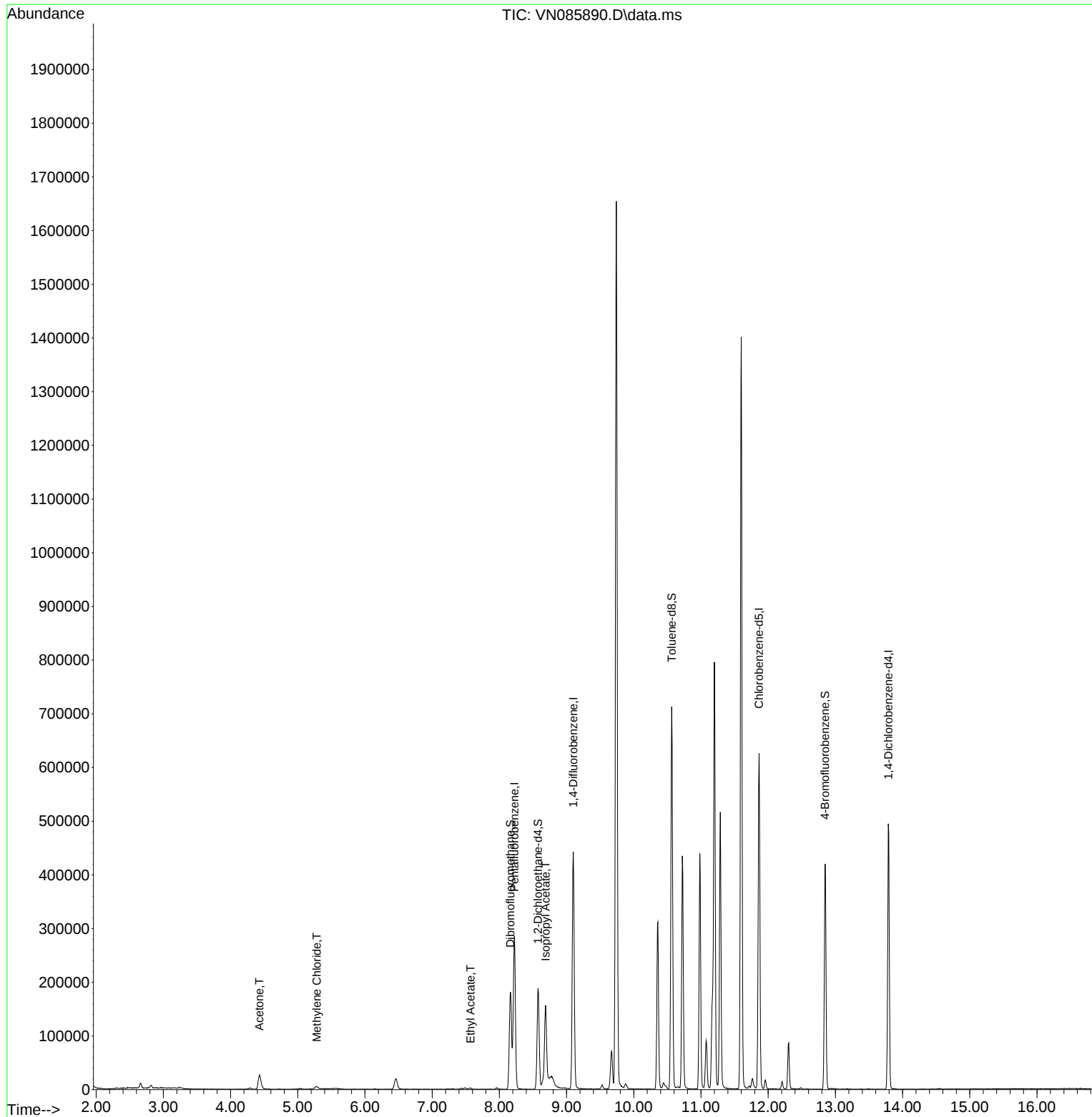
Internal Standards						
1) Pentafluorobenzene	8.224	168	206103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	393648	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152454	57.055	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	114.100%	
35) Dibromofluoromethane	8.165	113	135309	52.530	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	105.060%	
50) Toluene-d8	10.565	98	504415	53.823	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	107.640%	
62) 4-Bromofluorobenzene	12.847	95	153826	49.818	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	99.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	49268	58.272	ug/l	92
20) Methylene Chloride	5.283	84	4291	1.578	ug/l	94
37) Ethyl Acetate	7.571	43	3779	1.260	ug/l #	86
43) Isopropyl Acetate	8.688	43	179622	33.941	ug/l #	88

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

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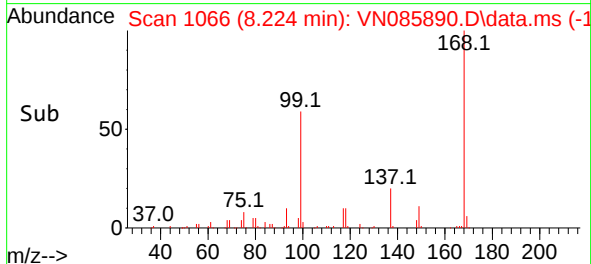
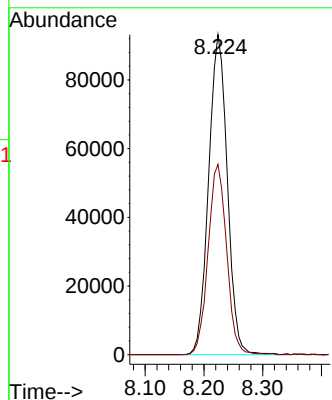
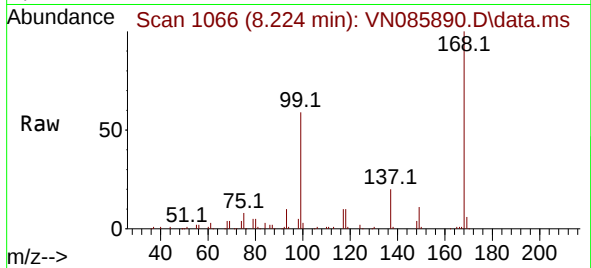




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

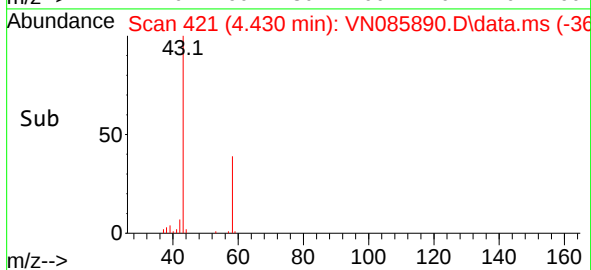
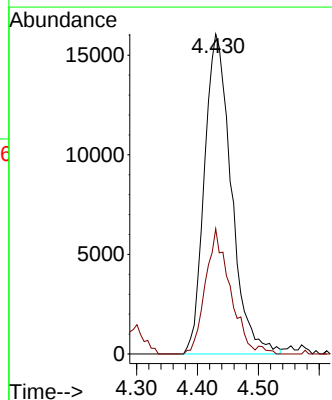
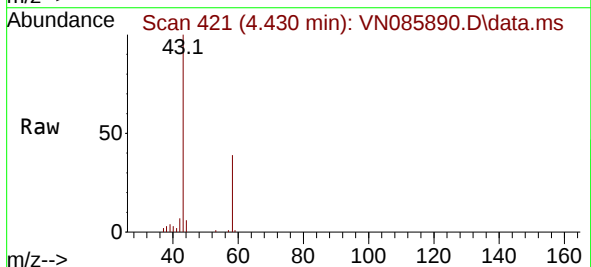
Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#03

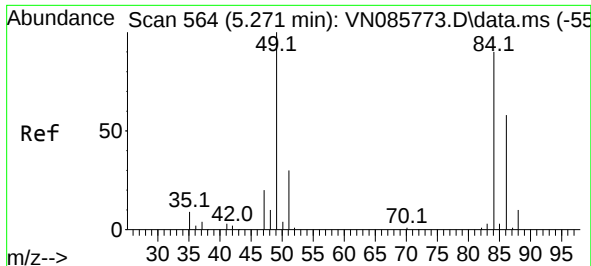
Tgt Ion:168 Resp: 206103
Ion Ratio Lower Upper
168 100
99 59.4 47.9 71.9



#16
Acetone
Concen: 58.272 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion: 43 Resp: 49268
Ion Ratio Lower Upper
43 100
58 39.1 27.5 41.3



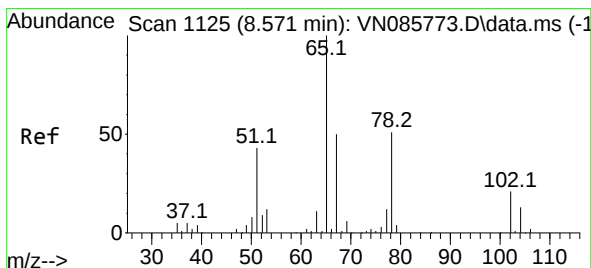
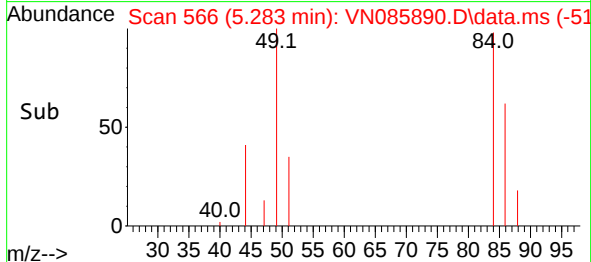
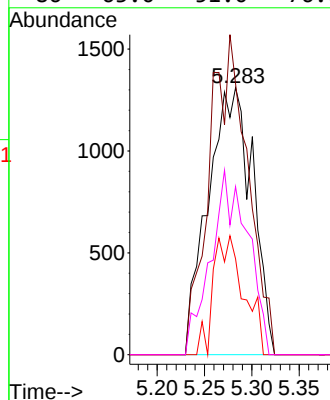
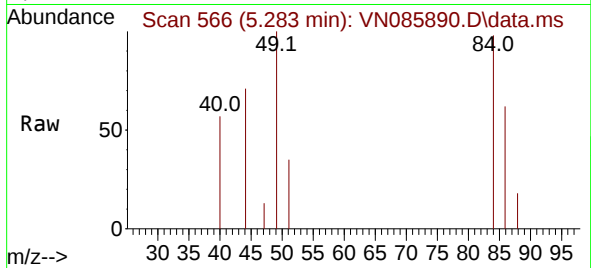


#20
Methylene Chloride
Concen: 1.578 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#03

Tgt Ion: 84 Resp: 4291

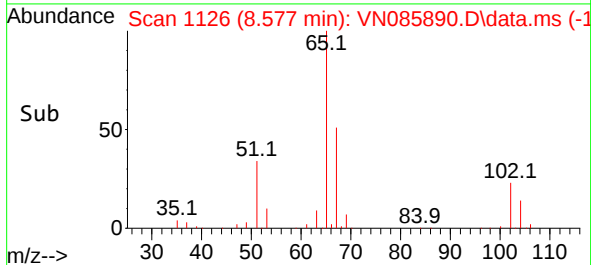
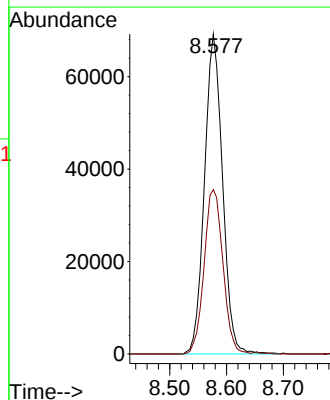
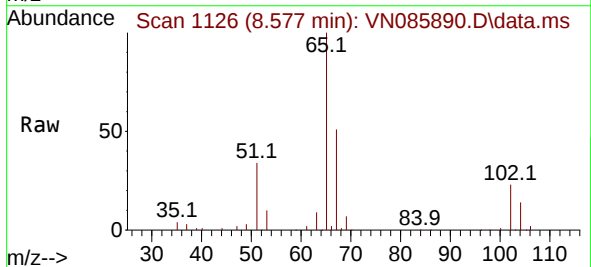
Ion	Ratio	Lower	Upper
84	100		
49	101.6	88.4	132.6
51	36.0	26.6	40.0
86	63.0	51.0	76.6

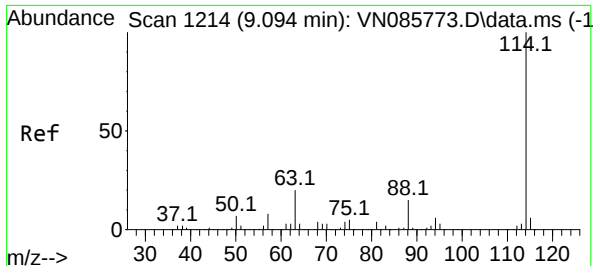


#33
1,2-Dichloroethane-d4
Concen: 57.055 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion: 65 Resp: 152454

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.2

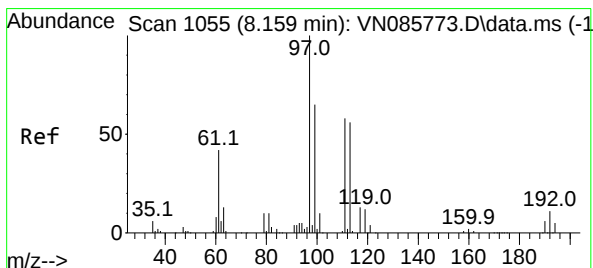
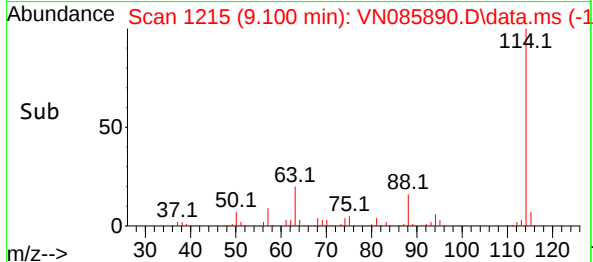
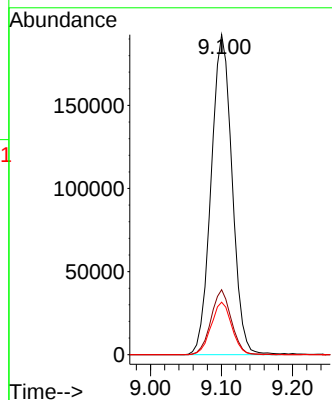
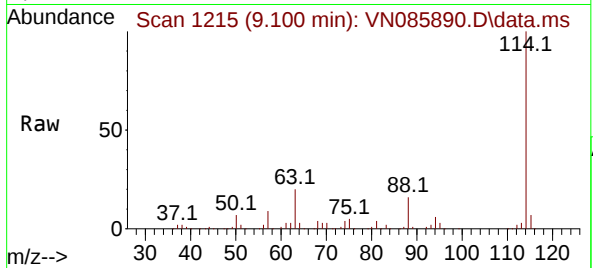




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

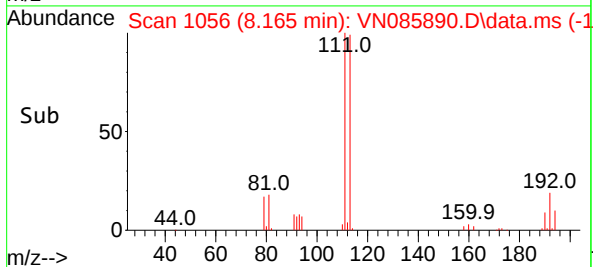
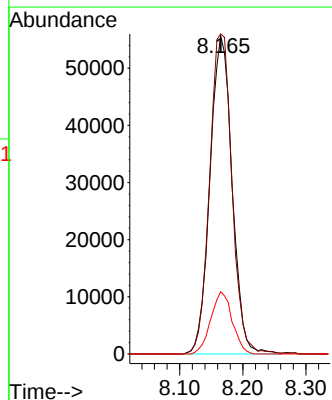
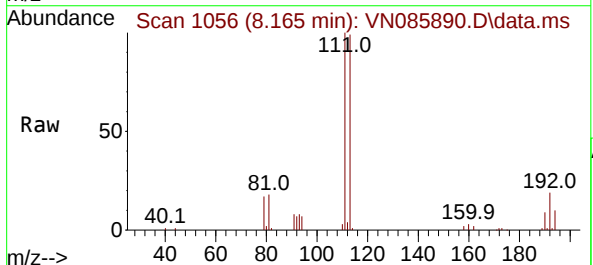
Instrument :
MSVOA_N
ClientSampleId :
PB166880ZHE#03

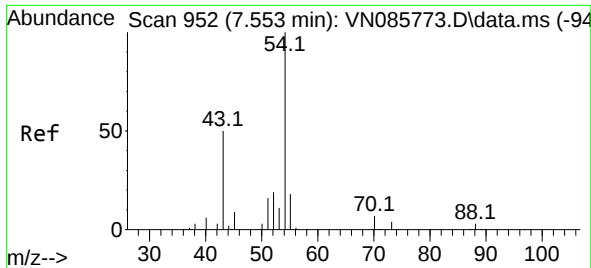
Tgt Ion:114 Resp: 393648
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 16.4 0.0 30.0



#35
Dibromofluoromethane
Concen: 52.530 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion:113 Resp: 135309
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.9 14.7 22.1

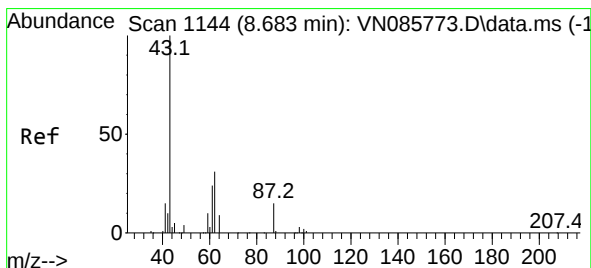
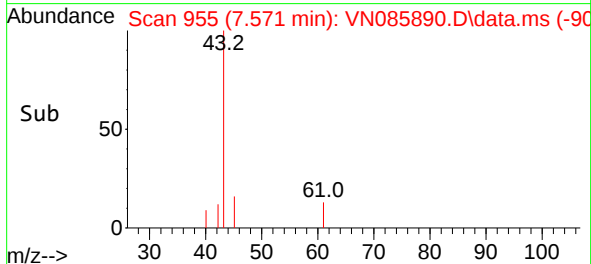
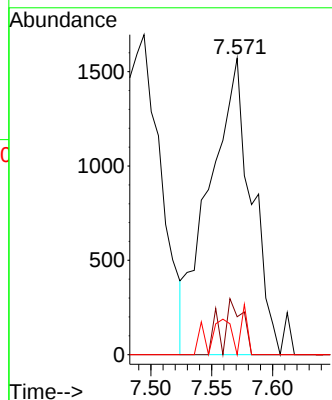
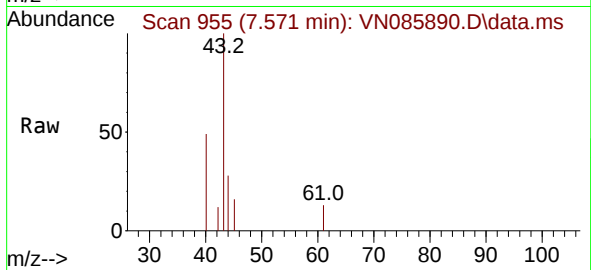




#37
Ethyl Acetate
Concen: 1.260 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

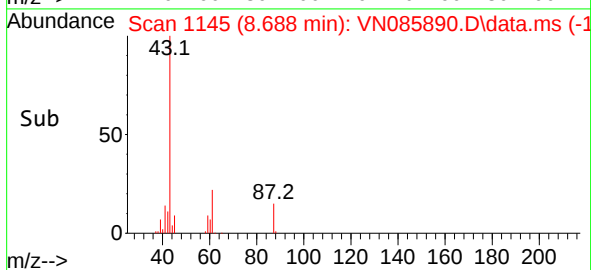
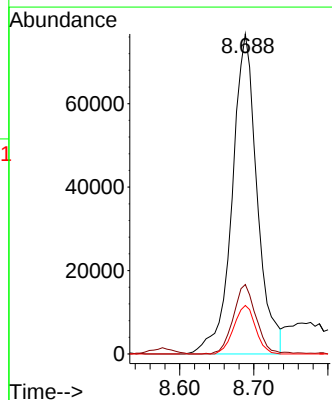
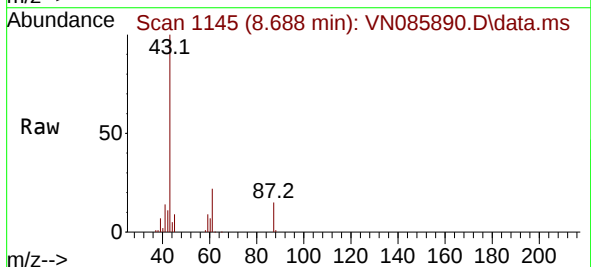
Instrument :
MSVOA_N
ClientSampleId :
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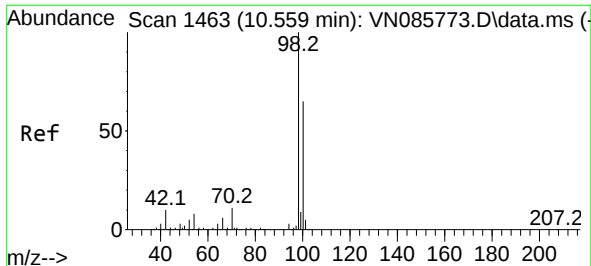
Tgt Ion: 43 Resp: 3779
Ion Ratio Lower Upper
43 100
61 9.1 12.2 18.2#
70 6.4 9.5 14.3#



#43
Isopropyl Acetate
Concen: 33.941 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.005 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion: 43 Resp: 179622
Ion Ratio Lower Upper
43 100
61 19.9 22.6 34.0#
87 13.1 11.8 17.8

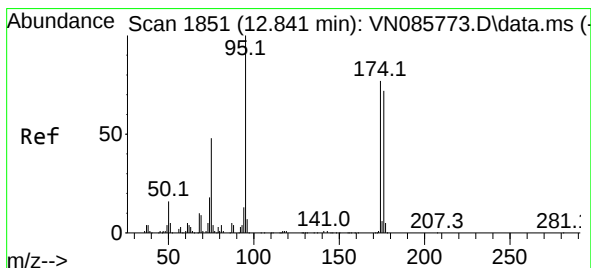
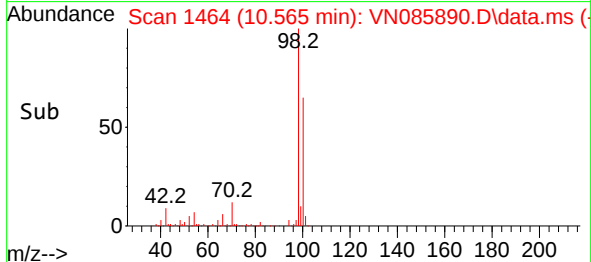
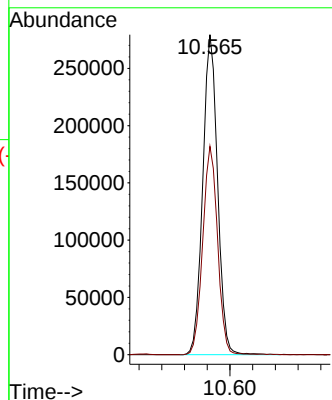
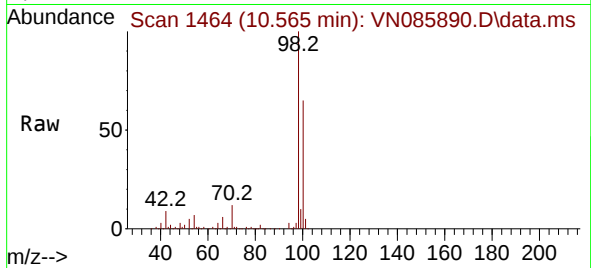




#50
Toluene-d8
Concen: 53.823 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

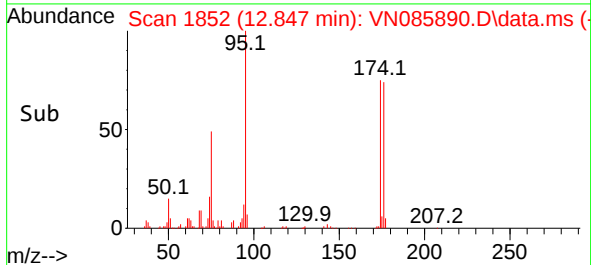
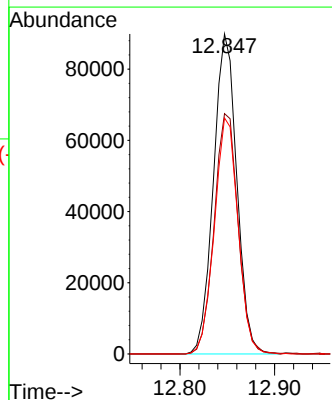
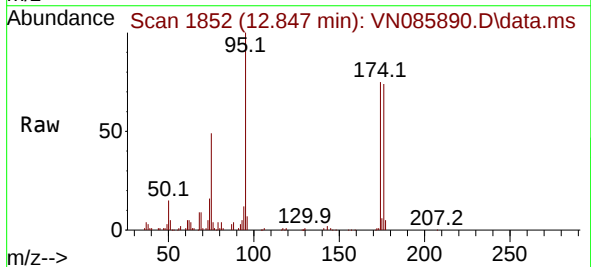
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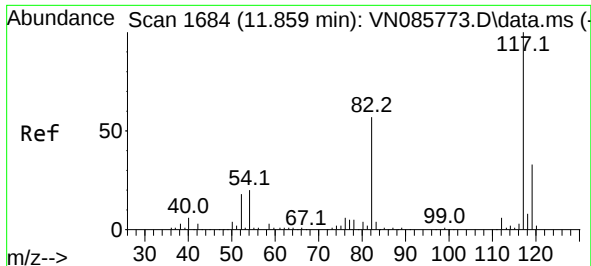
Tgt Ion: 98 Resp: 504415
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 49.818 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion: 95 Resp: 153826
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.4
176 74.9 0.0 146.6

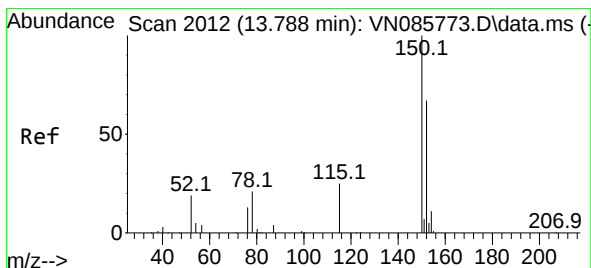
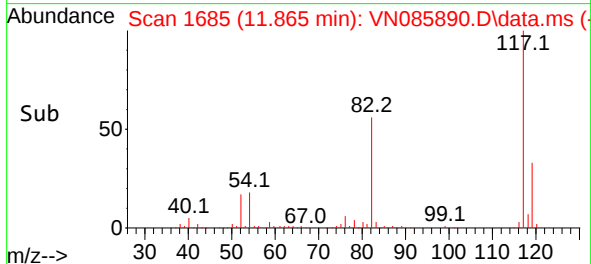
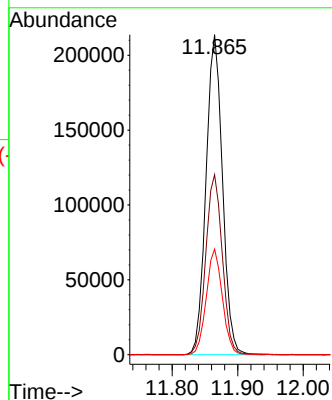
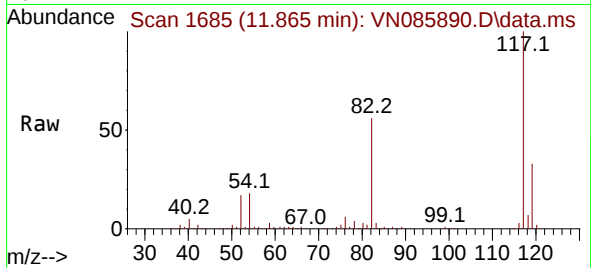




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085890.D
Acq: 27 Feb 2025 15:17

Instrument :
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Tgt Ion:117 Resp: 373458
Ion Ratio Lower Upper
117 100
82 56.2 45.7 68.5
119 33.0 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: VN085890.D
Acq: 27 Feb 2025 15:17

Tgt Ion:152 Resp: 138094
Ion Ratio Lower Upper
152 100
115 60.6 30.4 91.3
150 159.5 0.0 345.4

