

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022725\
 Data File : VN085892.D
 Acq On : 27 Feb 2025 16:05
 Operator : JC\MD
 Sample : Q1420-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-WC

Quant Time: Feb 28 02:02:41 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)

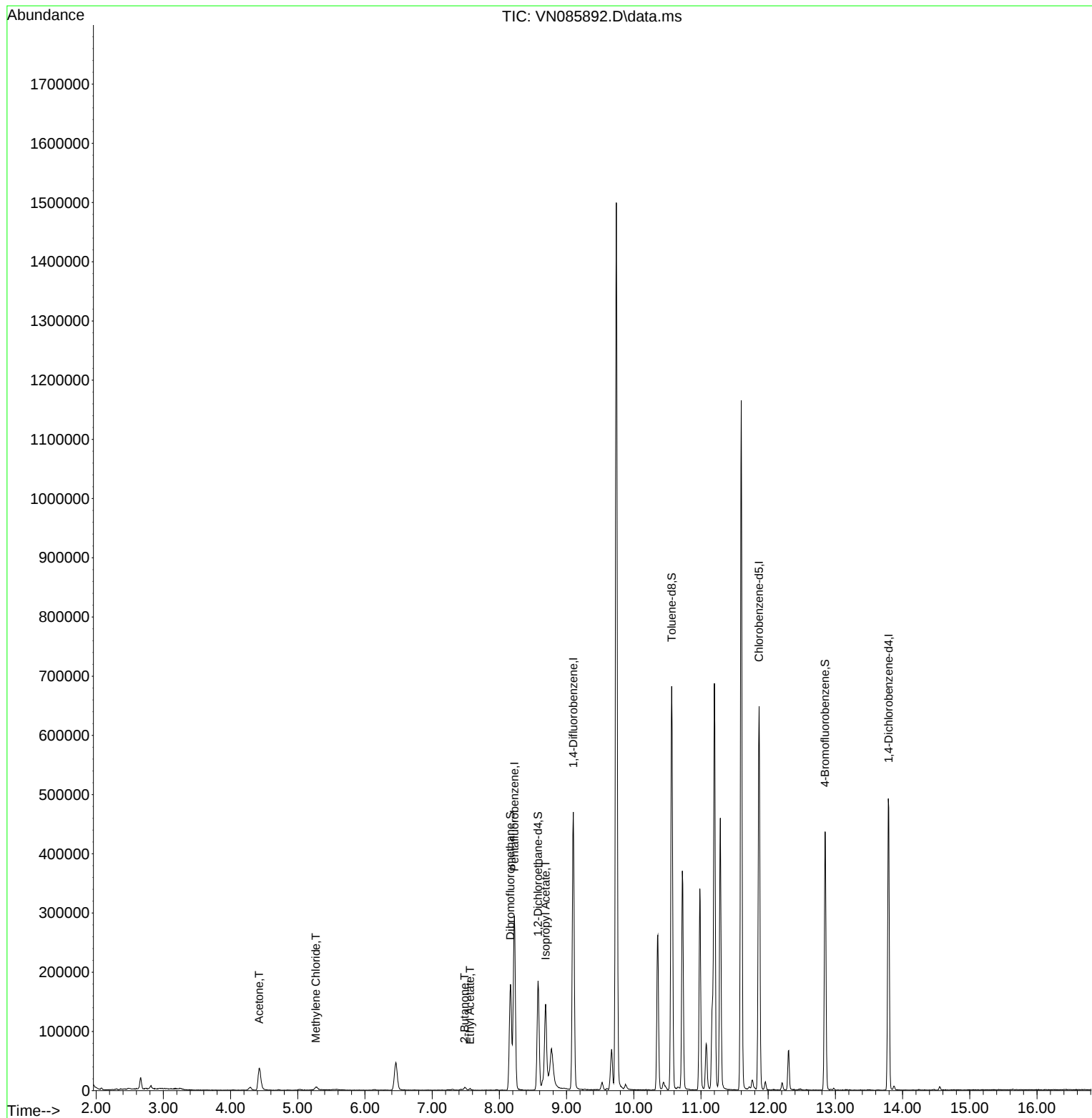
Internal Standards						
1) Pentafluorobenzene	8.224	168	216754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	413960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145828	51.893	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.780%	
35) Dibromofluoromethane	8.165	113	131208	48.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.880%	
50) Toluene-d8	10.565	98	493372	50.062	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	12.847	95	157691	48.564	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	69537	78.204	ug/l	96
20) Methylene Chloride	5.271	84	4046	1.415	ug/l	97
25) 2-Butanone	7.483	43	8037	6.144	ug/l #	88
37) Ethyl Acetate	7.565	43	3572	1.132	ug/l #	85
43) Isopropyl Acetate	8.688	43	166223	29.801	ug/l #	86

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

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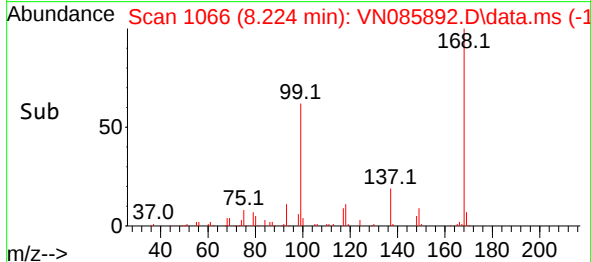
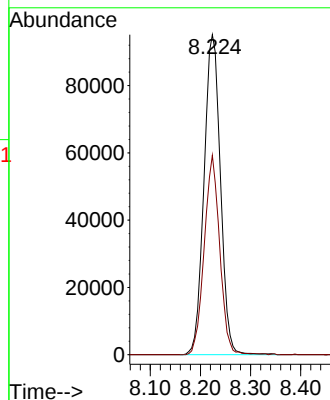
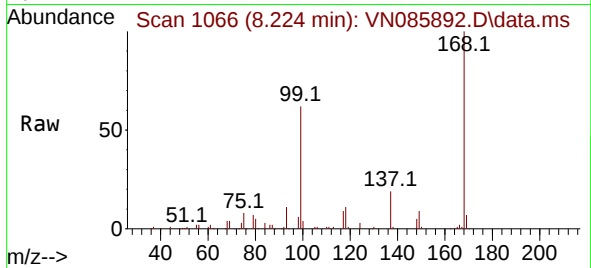




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

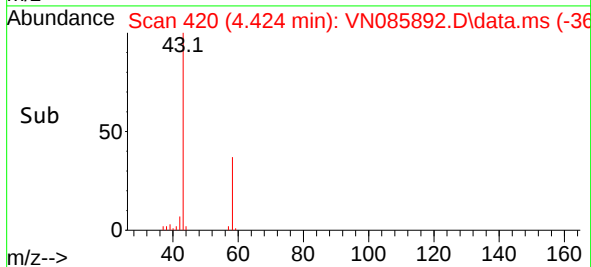
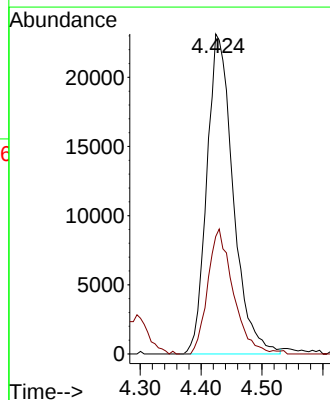
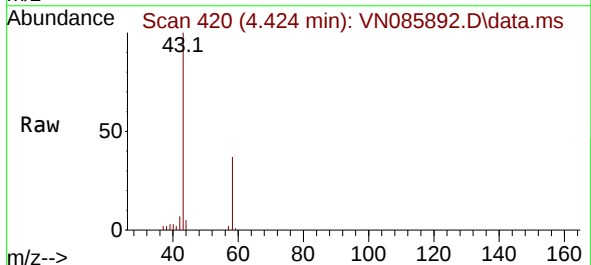
Instrument :
MSVOA_N
ClientSampleId :
TP-2-WC

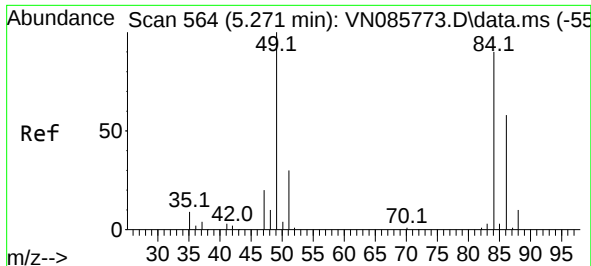
Tgt Ion:168 Resp: 216754
Ion Ratio Lower Upper
168 100
99 62.3 47.9 71.9



#16
Acetone
Concen: 78.204 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 43 Resp: 69537
Ion Ratio Lower Upper
43 100
58 36.7 27.5 41.3

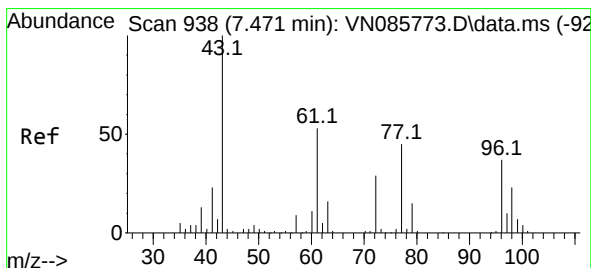
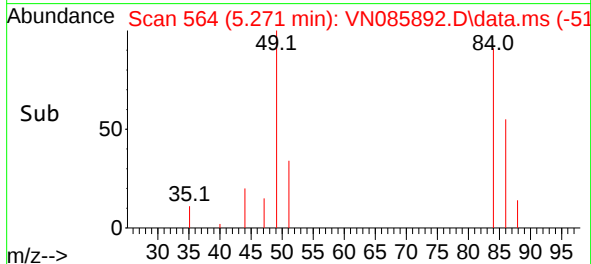
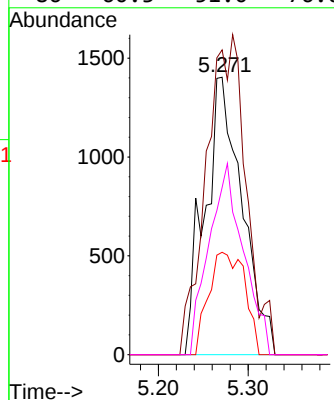
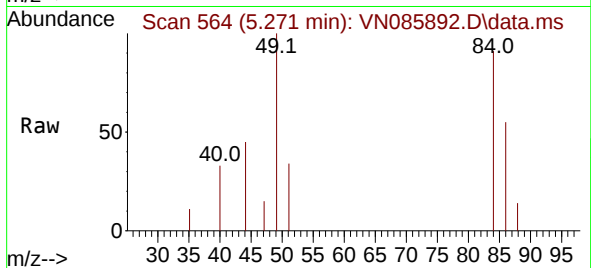




#20
Methylene Chloride
Concen: 1.415 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

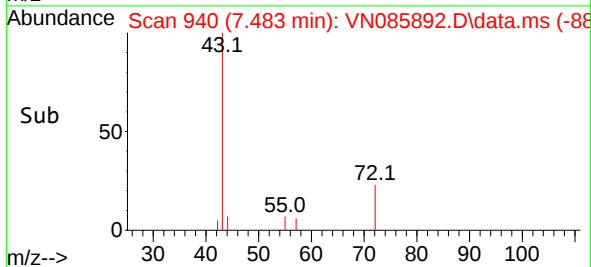
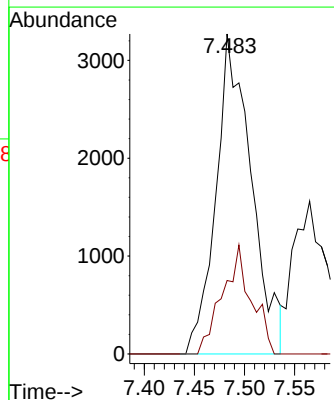
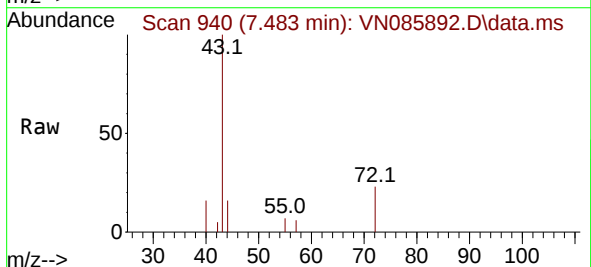
Instrument :
MSVOA_N
ClientSampleId :
TP-2-WC

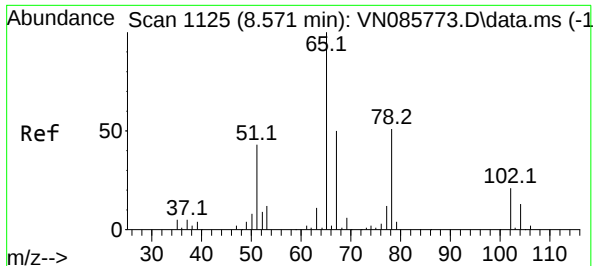
Tgt Ion: 84	Resp: 4046
Ion Ratio	Lower Upper
84 100	
49 109.8	88.4 132.6
51 36.9	26.6 40.0
86 60.3	51.0 76.6



#25
2-Butanone
Concen: 6.144 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 43	Resp: 8037		
Ion Ratio	Lower	Upper	
43 100			
72 23.0	23.6	35.4#	





#33

1,2-Dichloroethane-d4

Concen: 51.893 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085892.D

Acq: 27 Feb 2025 16:05

Instrument :

MSVOA_N

ClientSampleId :

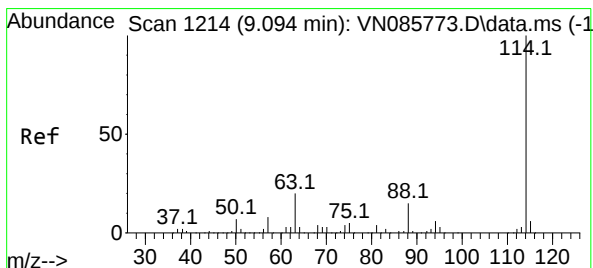
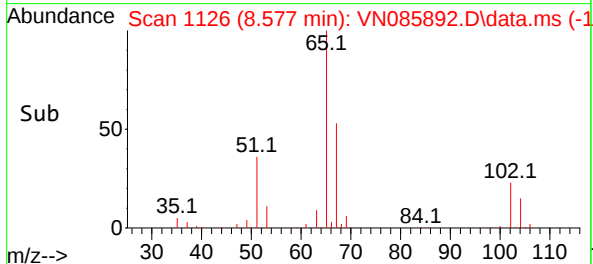
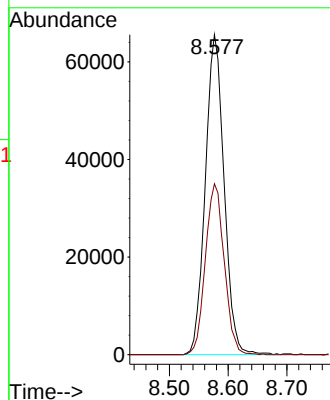
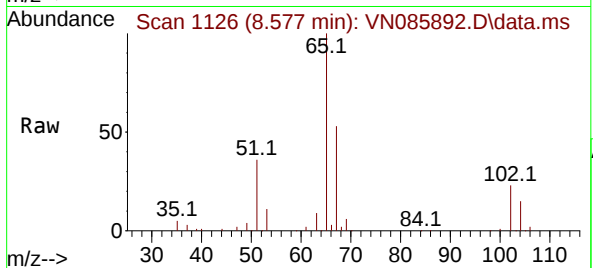
TP-2-WC

Tgt Ion: 65 Resp: 145828

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# 1215

Delta R.T. 0.006 min

Lab File: VN085892.D

Acq: 27 Feb 2025 16:05

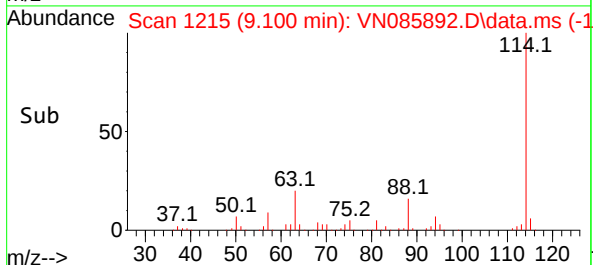
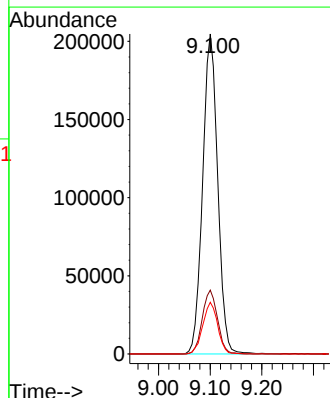
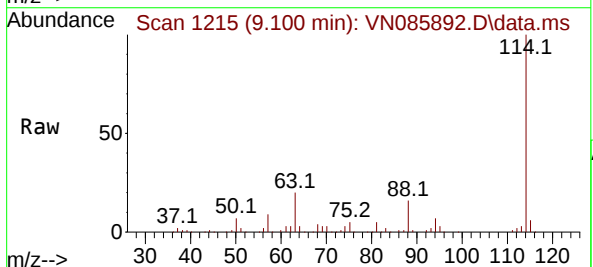
Tgt Ion: 114 Resp: 413960

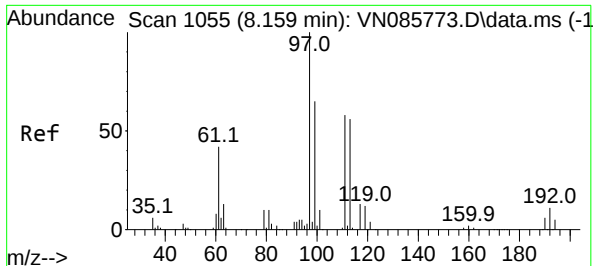
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 48.438 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085892.D

Acq: 27 Feb 2025 16:05

Instrument :

MSVOA_N

ClientSampleId :

TP-2-WC

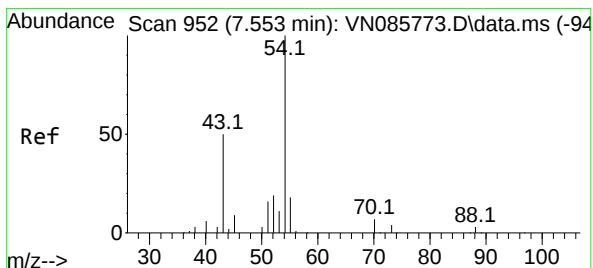
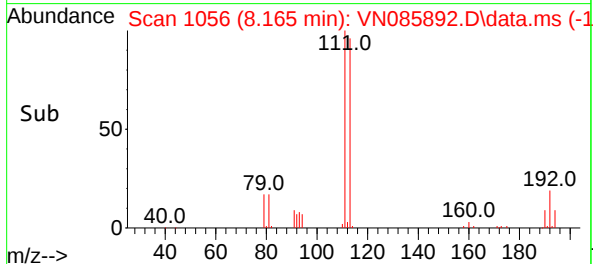
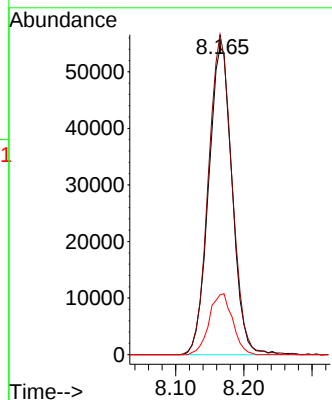
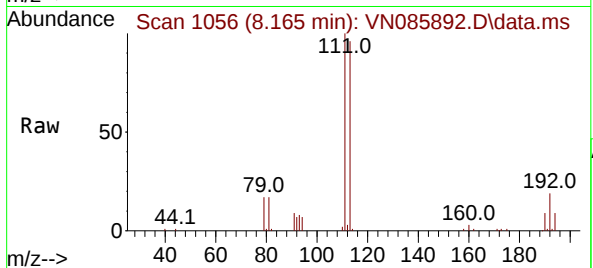
Tgt Ion:113 Resp: 131208

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.6 14.7 22.1



#37

Ethyl Acetate

Concen: 1.132 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.012 min

Lab File: VN085892.D

Acq: 27 Feb 2025 16:05

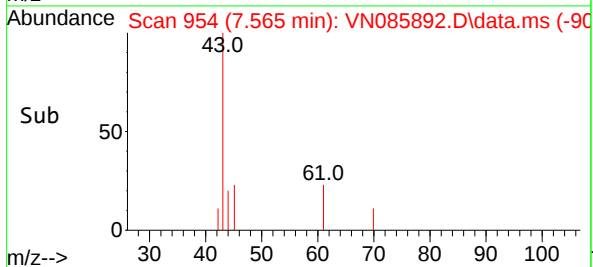
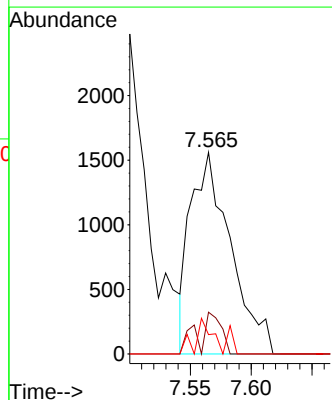
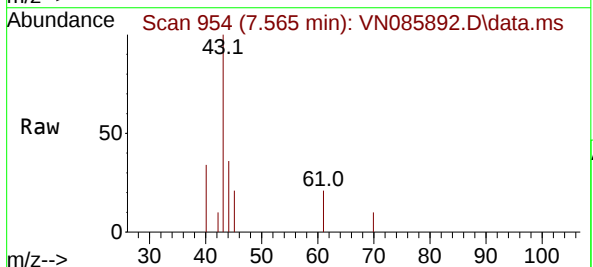
Tgt Ion: 43 Resp: 3572

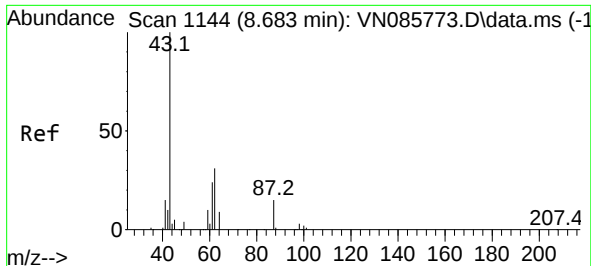
Ion Ratio Lower Upper

43 100

61 7.9 12.2 18.2#

70 7.3 9.5 14.3#

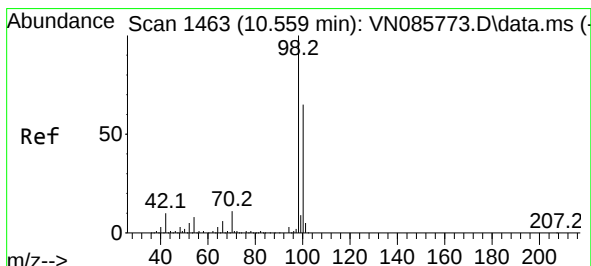
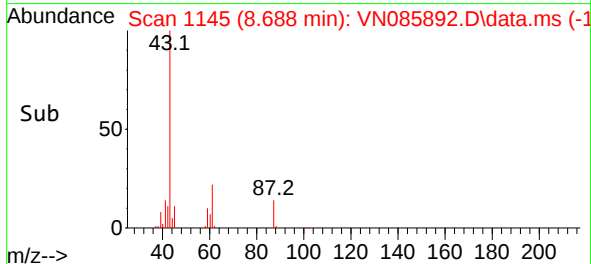
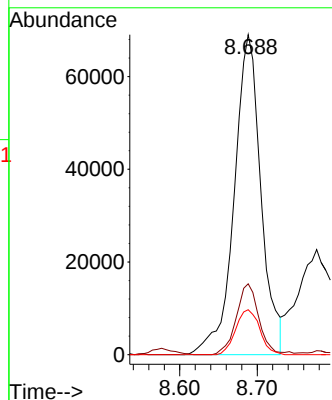
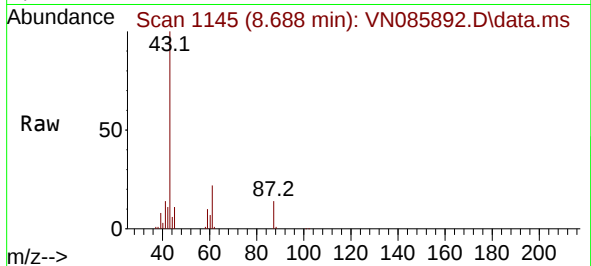




#43
Isopropyl Acetate
Concen: 29.801 ug/l
RT: 8.688 min Scan# 1144
Delta R.T. 0.005 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

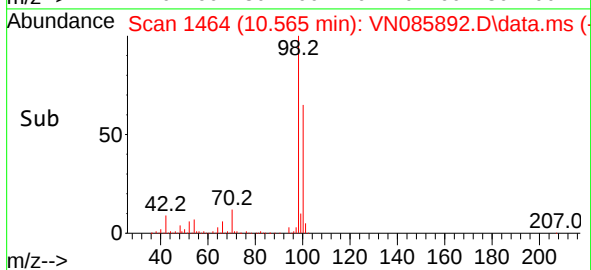
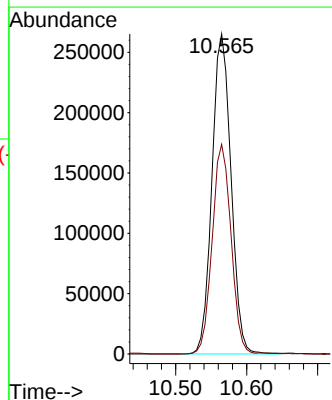
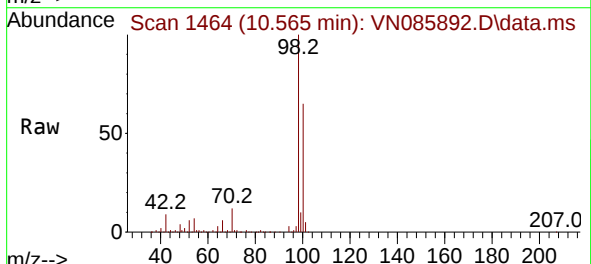
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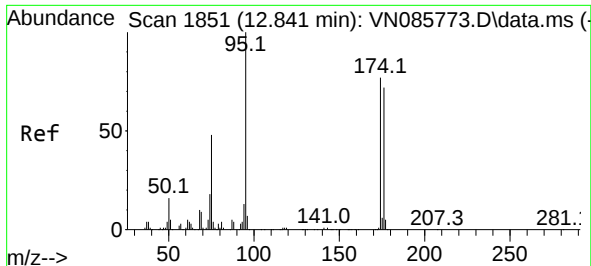
Tgt Ion: 43 Resp: 166223
Ion Ratio Lower Upper
43 100
61 18.9 22.6 34.0#
87 12.6 11.8 17.8



#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

Tgt Ion: 98 Resp: 493372
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1

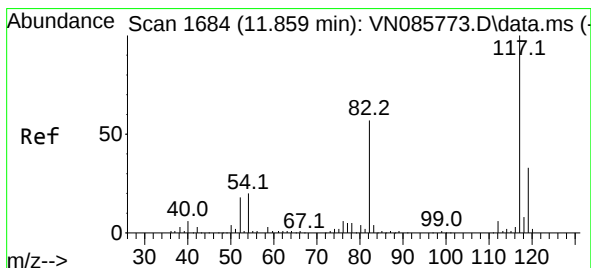
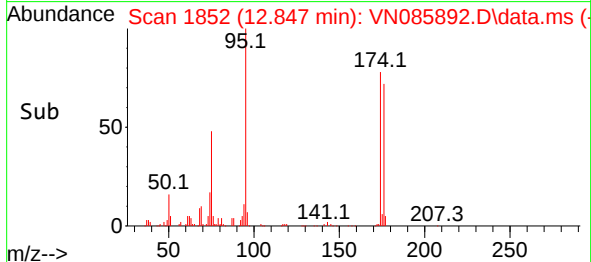
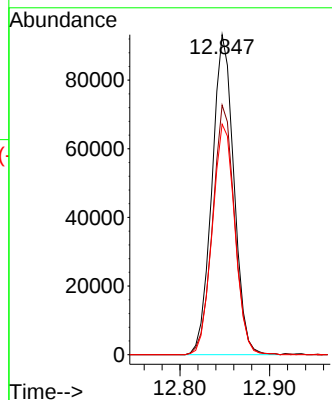
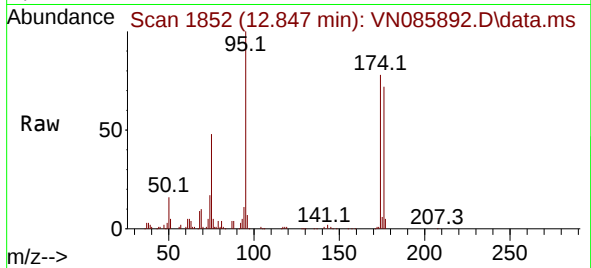




#62
4-Bromofluorobenzene
Concen: 48.564 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

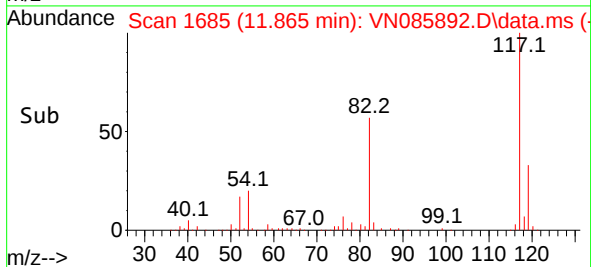
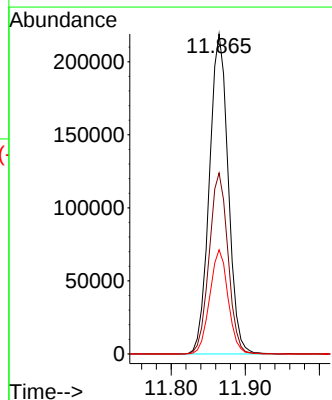
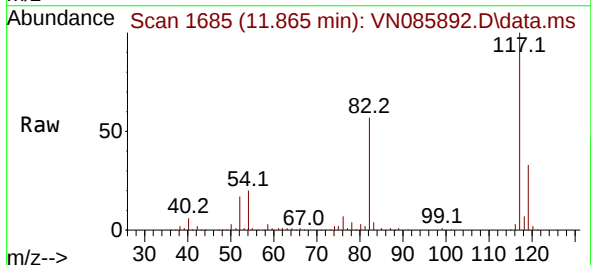
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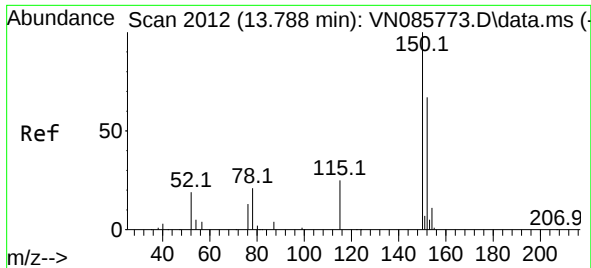
Tgt Ion: 95 Resp: 157691
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.4
176 74.3 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085892.D
Acq: 27 Feb 2025 16:05

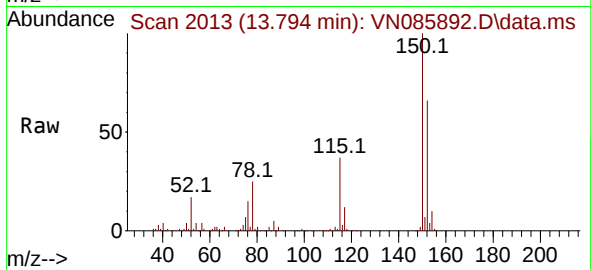
Tgt Ion: 117 Resp: 386396
Ion Ratio Lower Upper
117 100
82 56.5 45.7 68.5
119 32.6 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN085892.D
 Acq: 27 Feb 2025 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-WC



Tgt Ion:152 Resp: 142556
 Ion Ratio Lower Upper
 152 100
 115 59.5 30.4 91.3
 150 156.8 0.0 345.4

