

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084603.D
 Acq On : 31 Oct 2024 06:09
 Operator : JC\MD
 Sample : P4613-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-0001

Quant Time: Nov 01 05:22:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

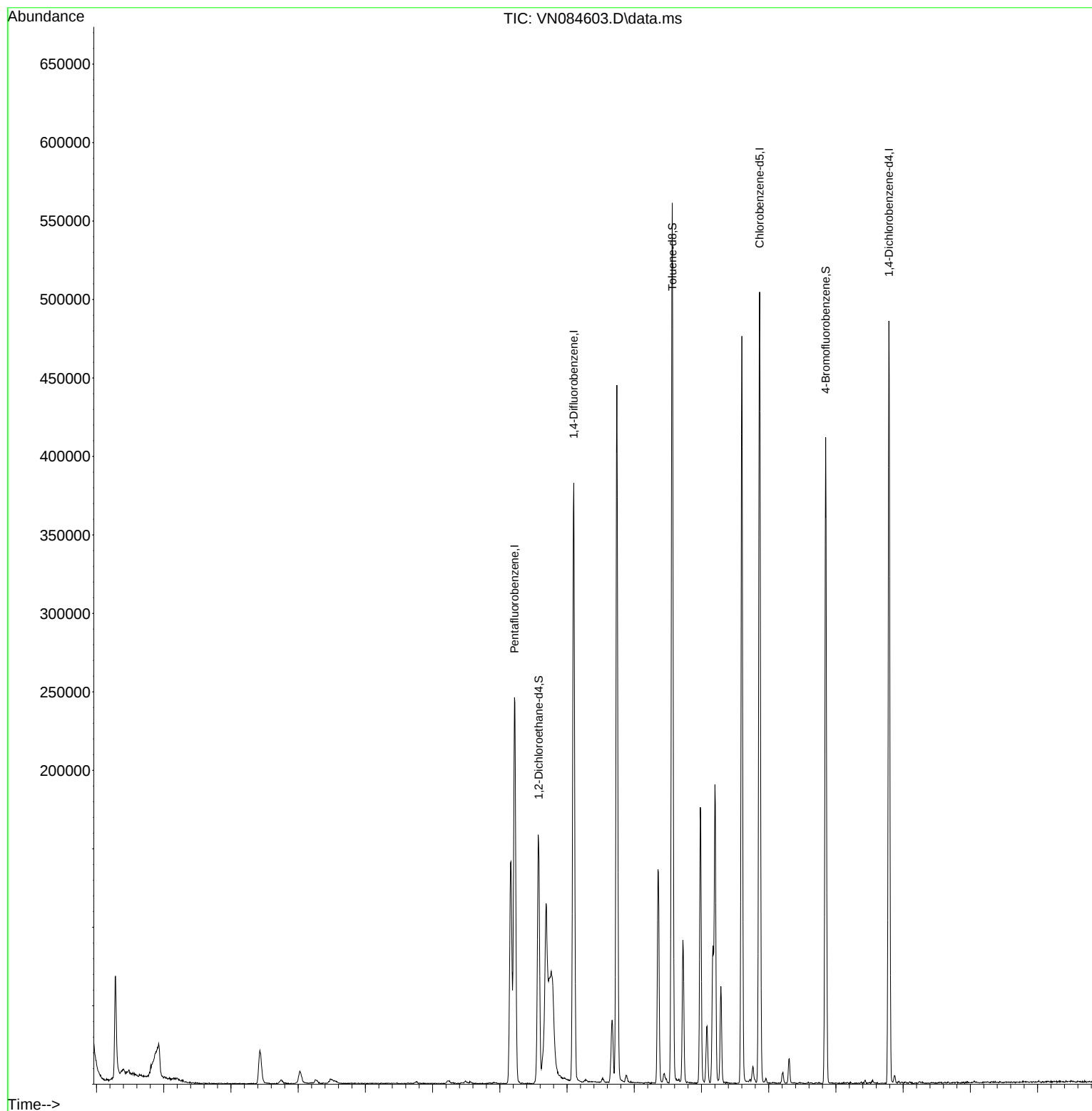
Internal Standards						
1) Pentafluorobenzene	8.218	168	175214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	295946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132025	52.170	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	104.340%	
35) Dibromofluoromethane	8.159	113	104147	47.259	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.520%	
50) Toluene-d8	10.565	98	387824	47.774	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.540%	
62) 4-Bromofluorobenzene	12.847	95	143186	47.195	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.400%	
Target Compounds						
16) Acetone	4.430	43	41662	54.764	ug/l	98
18) Methyl Acetate	5.024	43	17516	2.790	ug/l	97
43) Isopropyl Acetate	8.688	43	169480	32.750	ug/l #	73

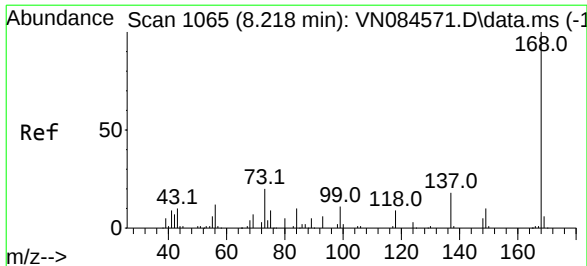
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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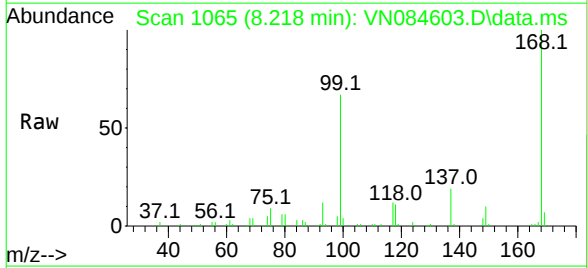
Quant Time: Nov 01 05:22:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
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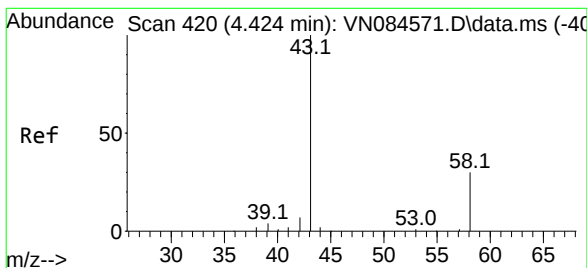
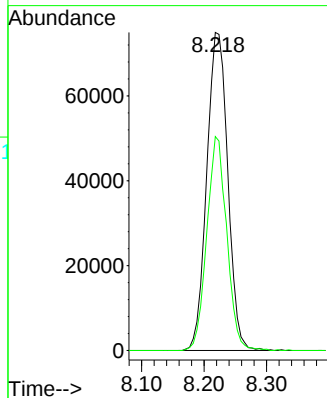
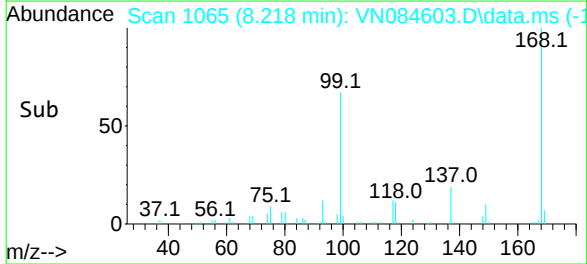


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09

Instrument :
MSVOA_N
ClientSampleId :
ARS20-0001

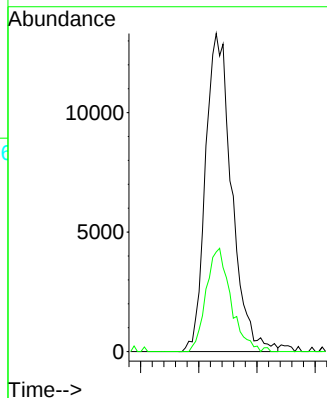
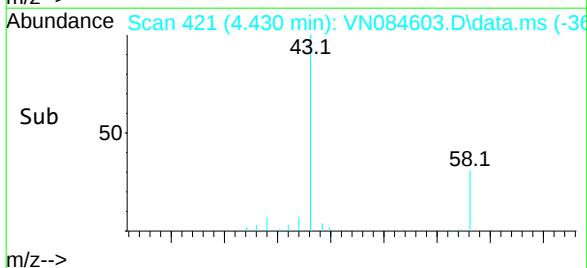
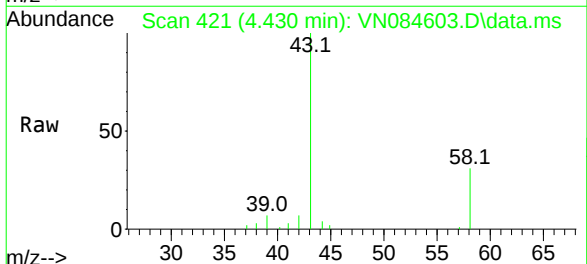


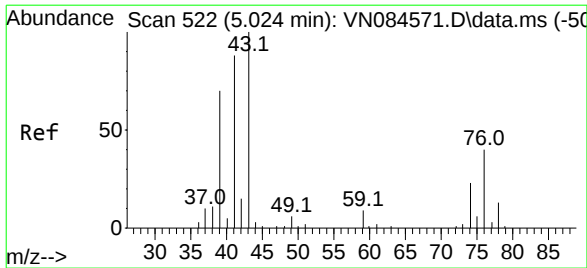
Tgt Ion:168 Resp: 175214
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#16
Acetone
Concen: 54.764 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09

Tgt Ion: 43 Resp: 41662
Ion Ratio Lower Upper
43 100
58 31.3 24.4 36.6

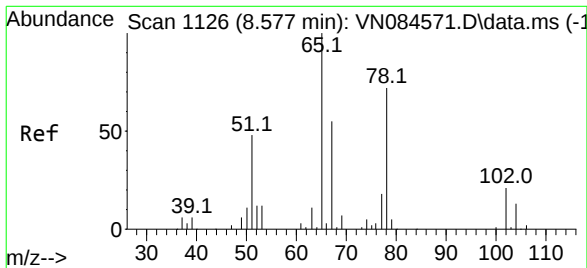
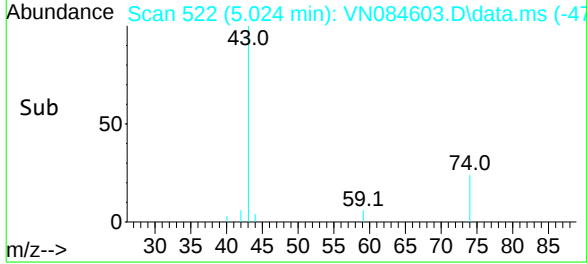
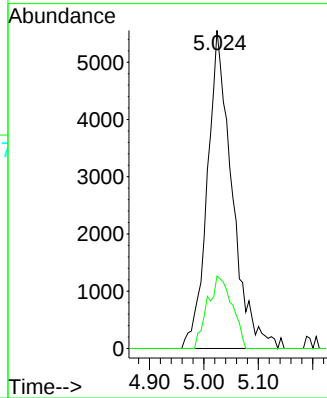
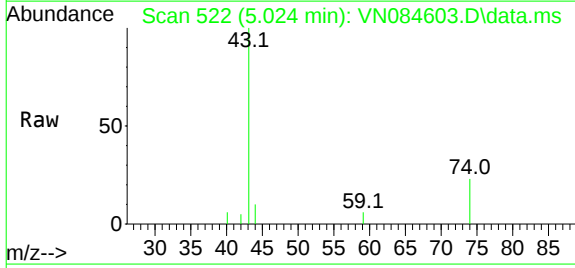




#18
Methyl Acetate
Concen: 2.790 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09

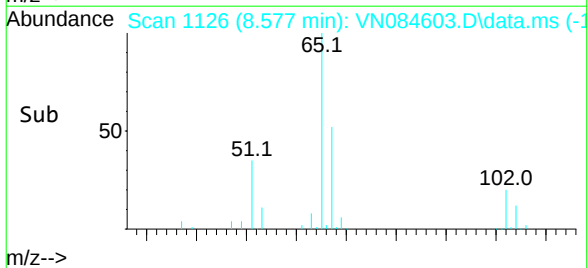
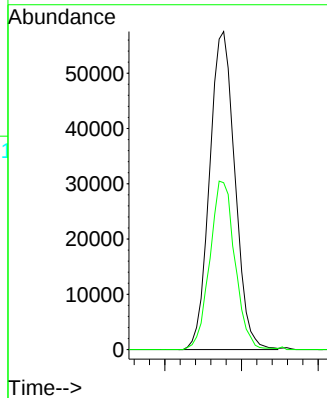
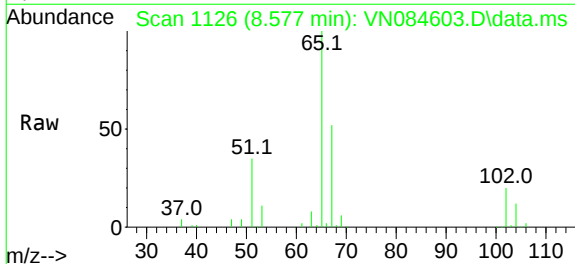
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0001

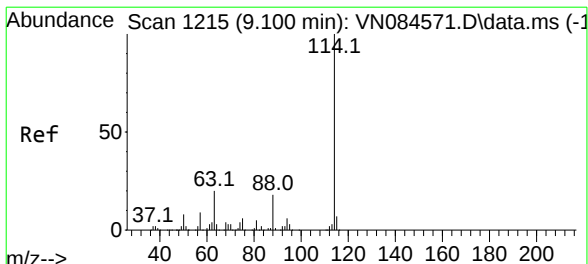
Tgt Ion: 43 Resp: 17516
Ion Ratio Lower Upper
43 100
74 22.6 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 52.170 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09

Tgt Ion: 65 Resp: 132025
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0

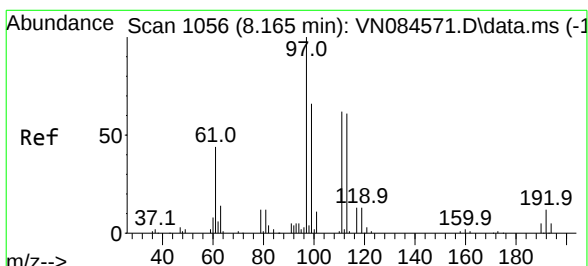
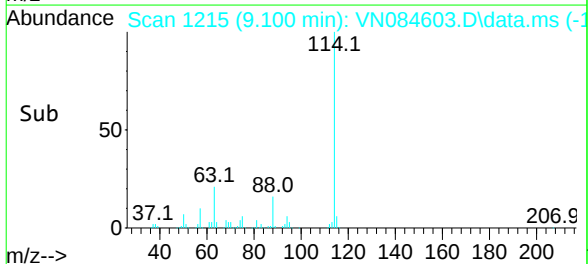
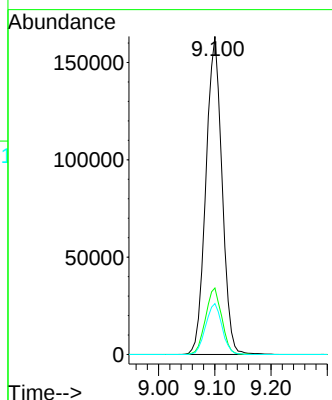
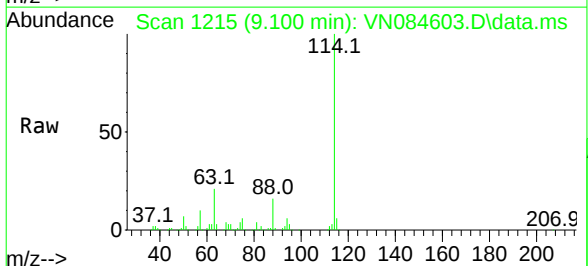




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084603.D
 Acq: 31 Oct 2024 06:09

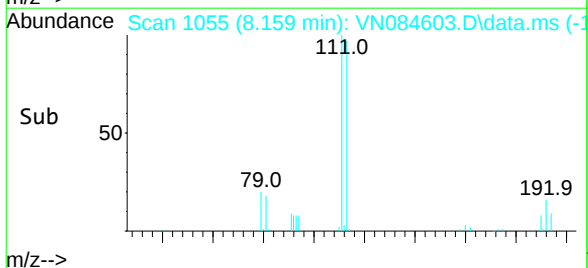
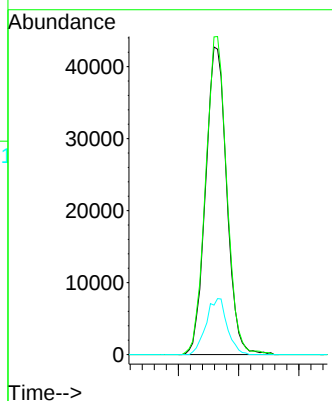
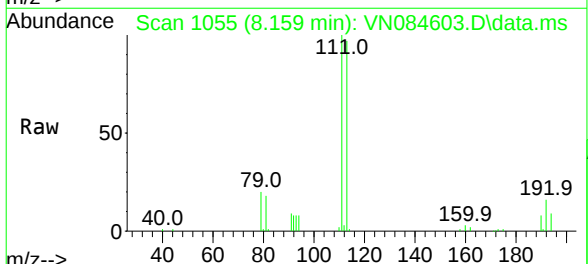
Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-0001

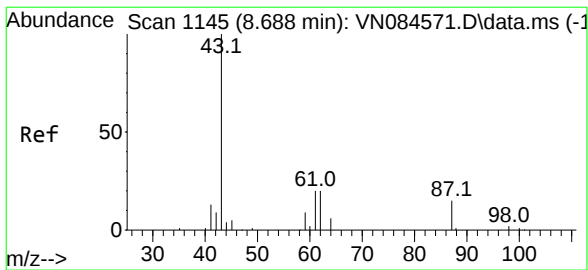
Tgt Ion:	114	Resp:	325574
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.8
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 47.259 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084603.D
 Acq: 31 Oct 2024 06:09

Tgt Ion:	113	Resp:	104147
Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.3	124.9
192	18.1	13.5	20.3





#43

Isopropyl Acetate

Concen: 32.750 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084603.D

Acq: 31 Oct 2024 06:09

Instrument :

MSVOA_N

ClientSampleId :

ARS20-0001

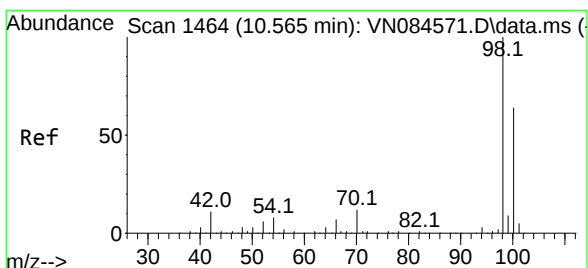
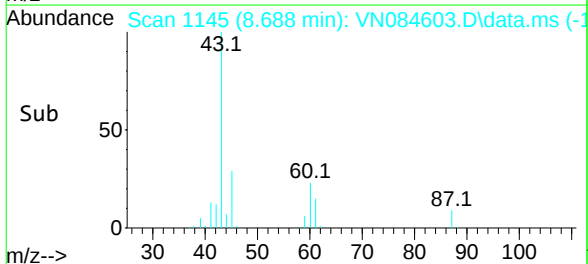
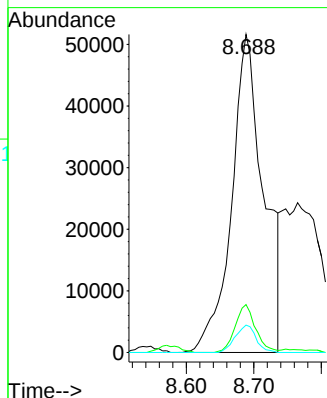
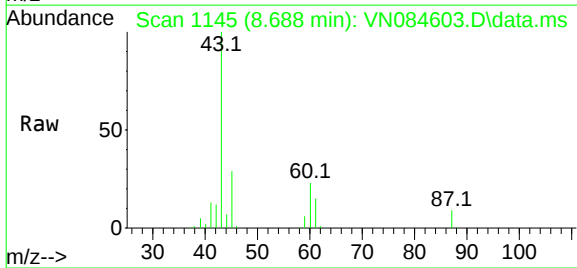
Tgt Ion: 43 Resp: 169480

Ion Ratio Lower Upper

43 100

61 9.7 20.4 30.6#

87 5.6 10.3 15.5#



#50

Toluene-d8

Concen: 47.774 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084603.D

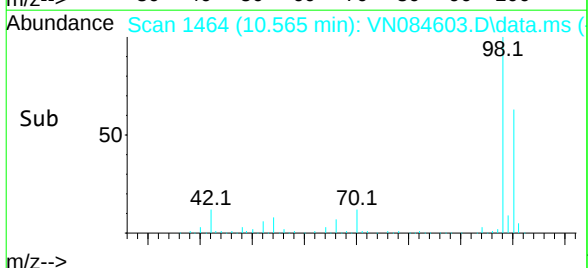
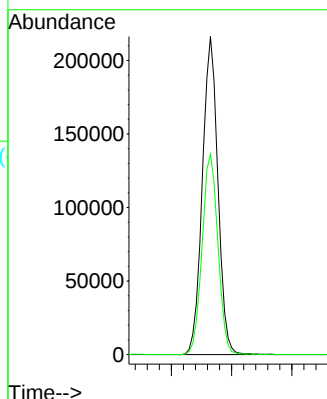
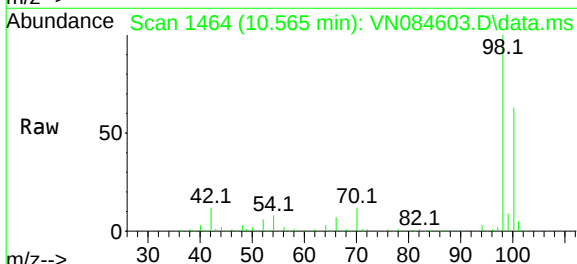
Acq: 31 Oct 2024 06:09

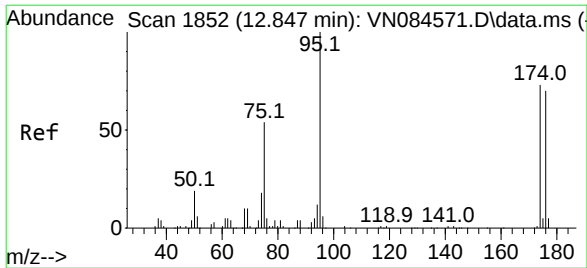
Tgt Ion: 98 Resp: 387824

Ion Ratio Lower Upper

98 100

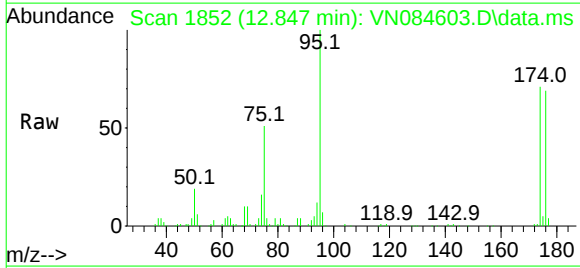
100 64.0 52.7 79.1



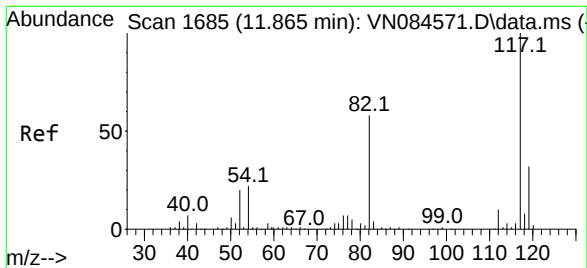
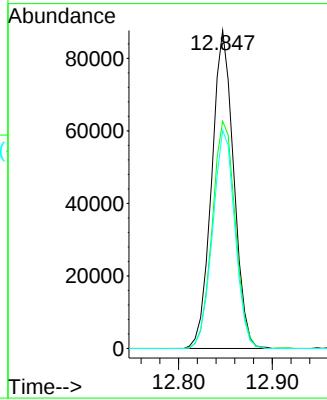
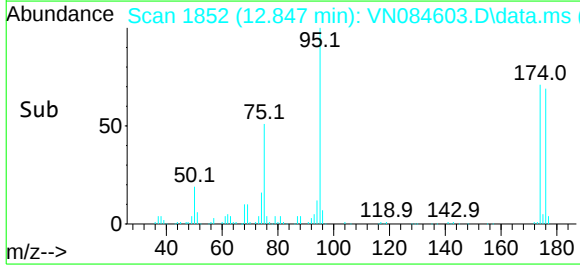


#62
4-Bromofluorobenzene
Concen: 47.195 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09

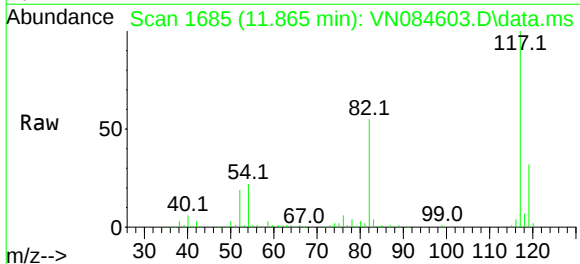
Instrument :
MSVOA_N
ClientSampleId :
ARS20-0001



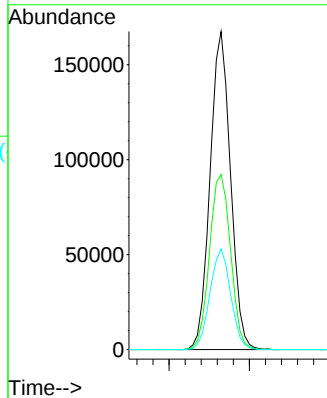
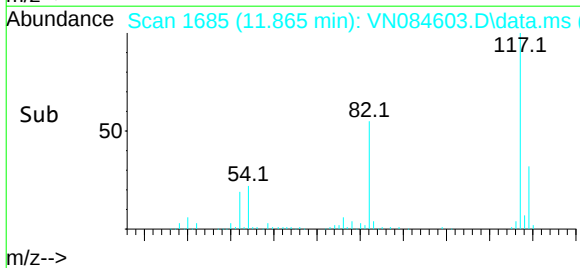
Tgt Ion: 95 Resp: 143186
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 69.6 0.0 140.0

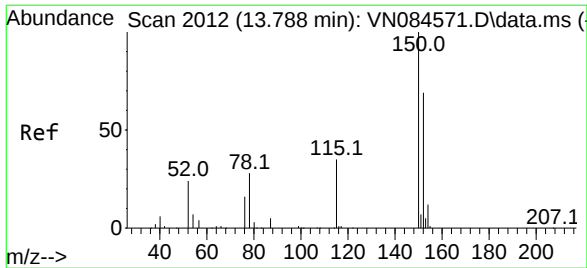


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084603.D
Acq: 31 Oct 2024 06:09



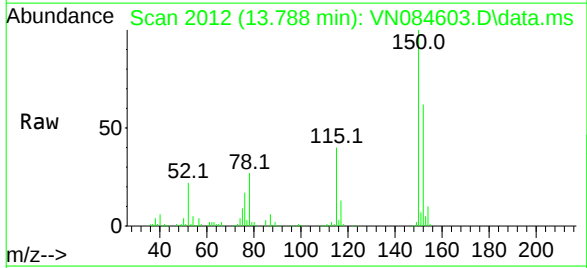
Tgt Ion: 117 Resp: 295946
Ion Ratio Lower Upper
117 100
82 55.0 47.2 70.8
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN084603.D
 Acq: 31 Oct 2024 06:09

Instrument :
 MSVOA_N
 ClientSampleId :
 ARS20-0001



Tgt Ion:152 Resp: 128254
 Ion Ratio Lower Upper
 152 100
 115 63.9 31.3 93.9
 150 159.5 0.0 349.8

