

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081620.D
 Acq On : 29 Mar 2024 17:05
 Operator : JC\MD
 Sample : P1921-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-21

Quant Time: Mar 30 00:32:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

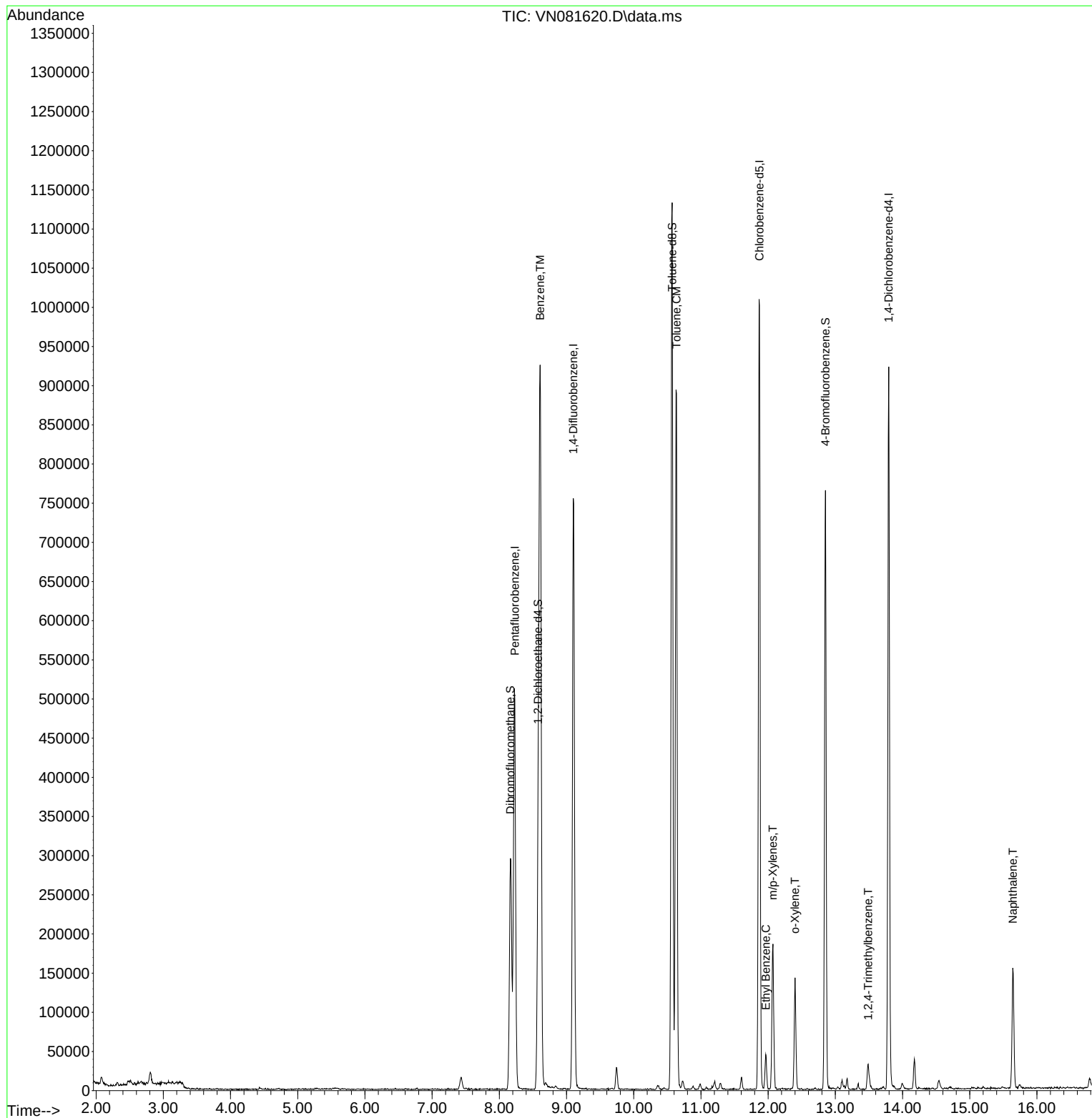
Internal Standards						
1) Pentafluorobenzene	8.230	168	362693	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	682325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	614538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	254625	55.050	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 110.100%		
35) Dibromofluoromethane	8.165	113	215684	50.087	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.180%		
50) Toluene-d8	10.571	98	798244	51.280	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.560%		
62) 4-Bromofluorobenzene	12.853	95	264667	48.253	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 96.500%		
Target Compounds						
						Qvalue
40) Benzene	8.606	78	926880	43.749	ug/l	99
52) Toluene	10.635	92	407963	30.296	ug/l	99
67) Ethyl Benzene	11.965	91	30003	1.189	ug/l	96
68) m/p-Xylenes	12.071	106	58895	6.225	ug/l	91
69) o-Xylene	12.400	106	37159	4.001	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	19293	1.099	ug/l	93
95) Naphthalene	15.641	128	140589	8.119	ug/l	97

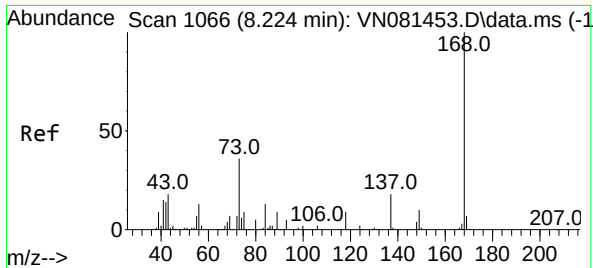
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Mar 30 00:32:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

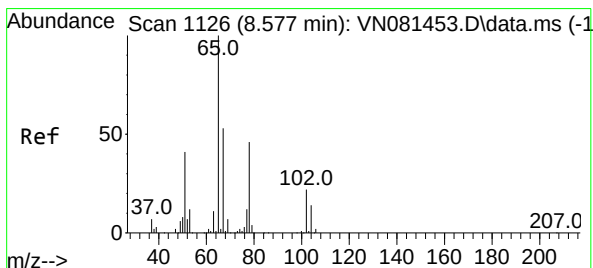
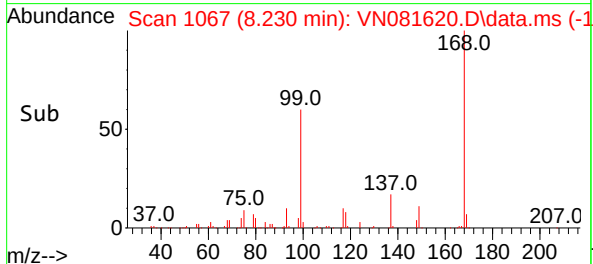
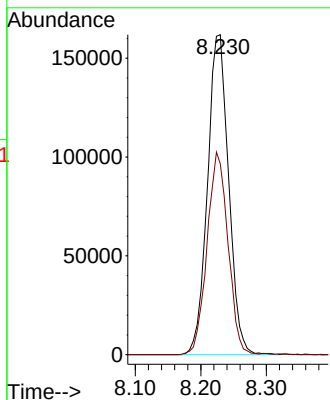
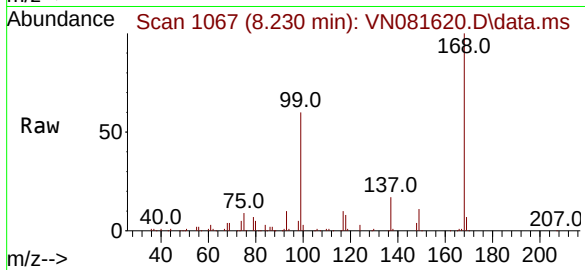




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

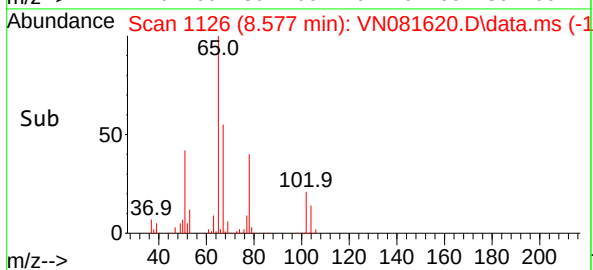
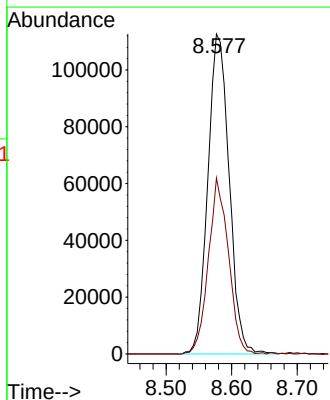
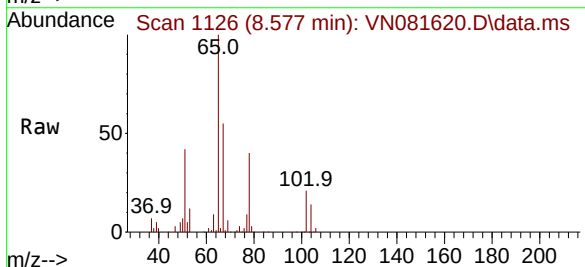
Instrument :
MSVOA_N
ClientSampleId :
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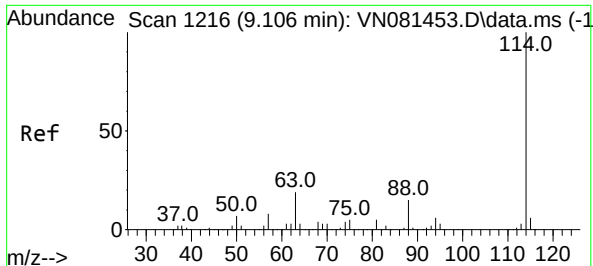
Tgt Ion:168 Resp: 362693
Ion Ratio Lower Upper
168 100
99 59.6 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 55.050 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Tgt Ion: 65 Resp: 254625
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081620.D

Acq: 29 Mar 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

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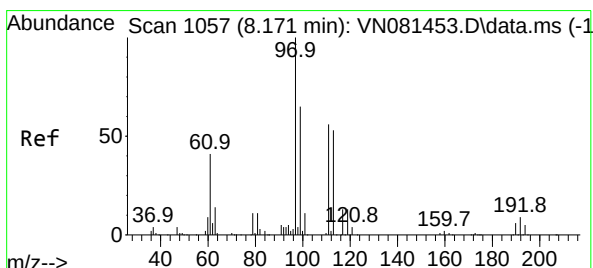
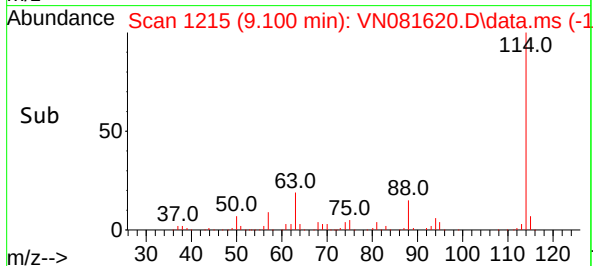
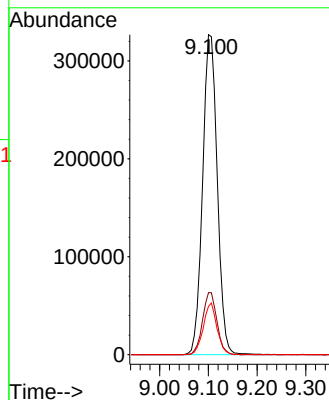
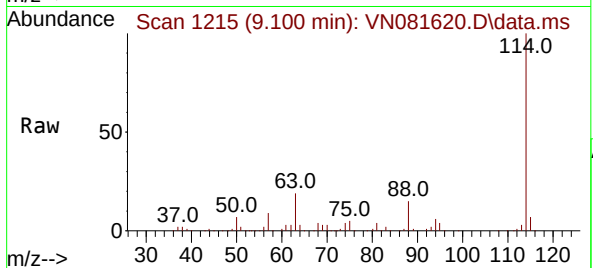
Tgt Ion:114 Resp: 682325

Ion Ratio Lower Upper

114 100

63 19.4 0.0 48.0

88 15.1 0.0 34.8



#35

Dibromofluoromethane

Concen: 50.087 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081620.D

Acq: 29 Mar 2024 17:05

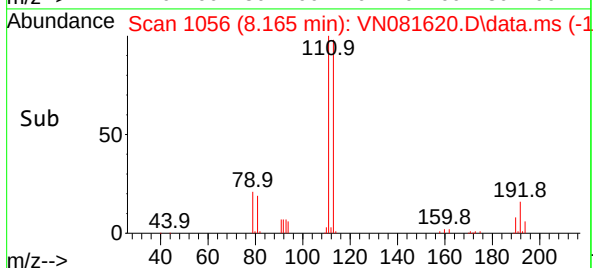
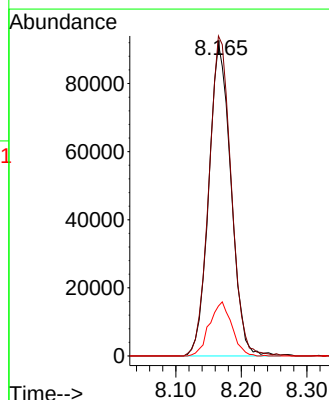
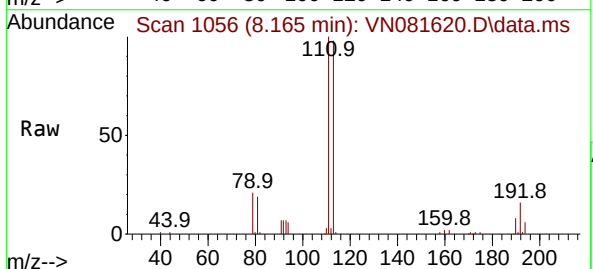
Tgt Ion:113 Resp: 215684

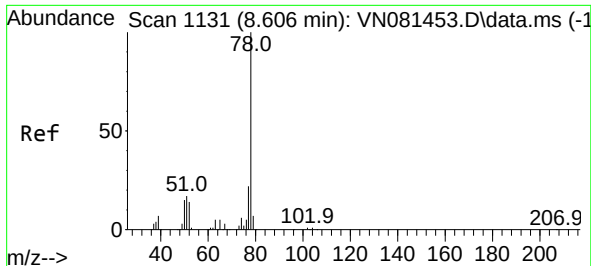
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 17.5 12.5 18.7

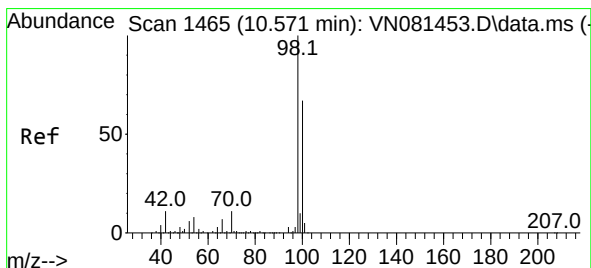
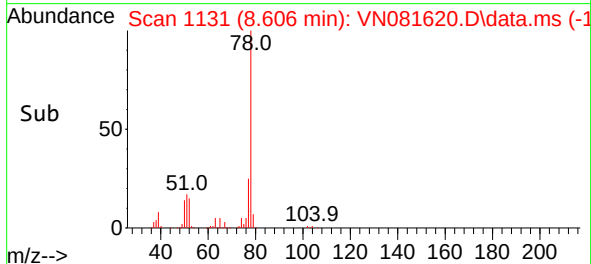
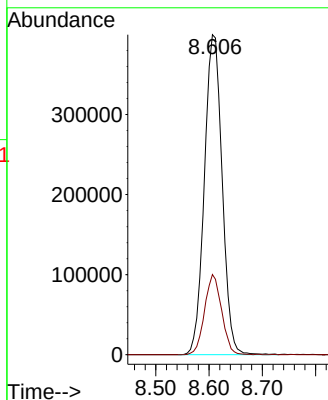
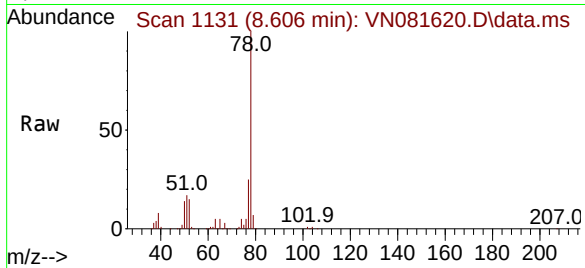




#40
Benzene
Concen: 43.749 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

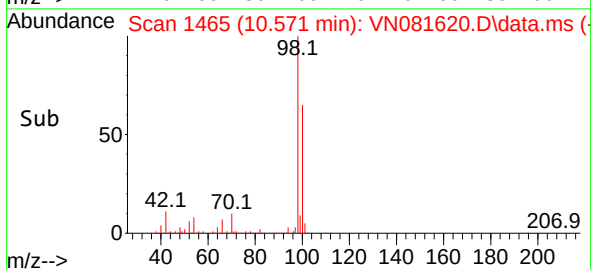
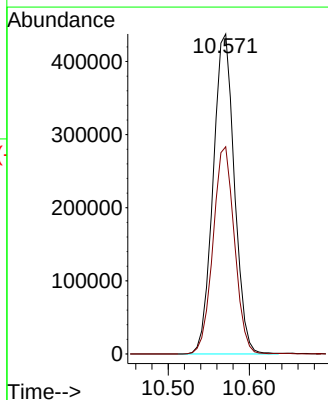
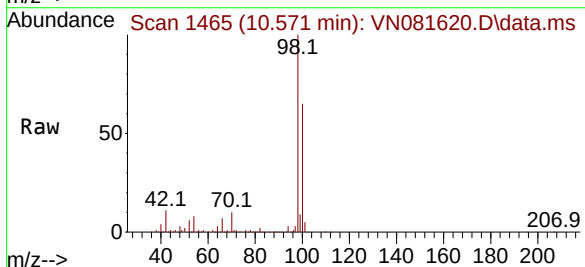
Instrument :
MSVOA_N
ClientSampleId :
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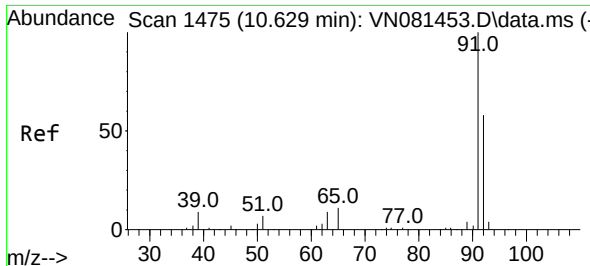
Tgt Ion: 78 Resp: 926880
Ion Ratio Lower Upper
78 100
77 25.1 20.4 30.6



#50
Toluene-d8
Concen: 51.280 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Tgt Ion: 98 Resp: 798244
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

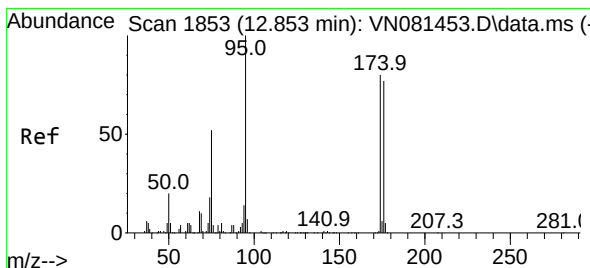
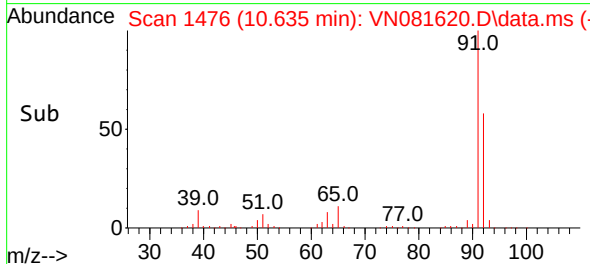
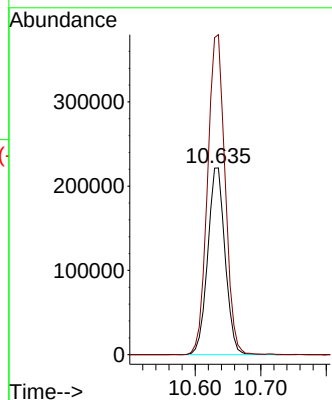
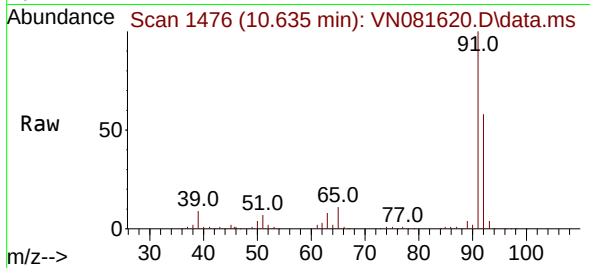




#52
Toluene
Concen: 30.296 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

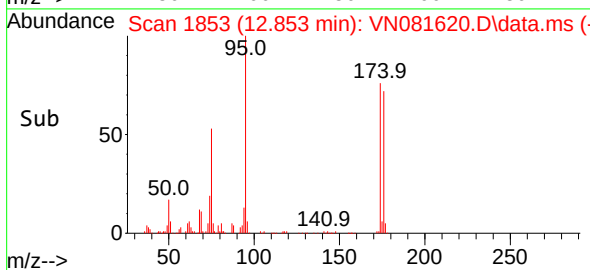
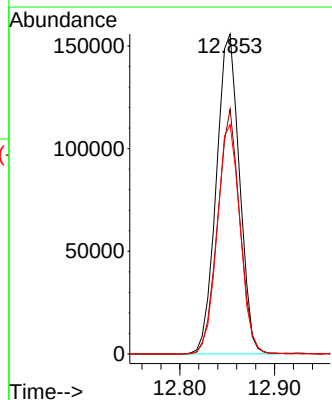
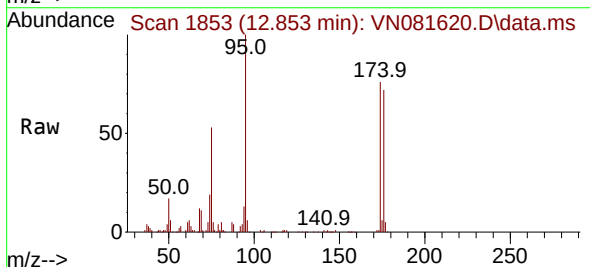
Instrument :
MSVOA_N
ClientSampleId :
S-21

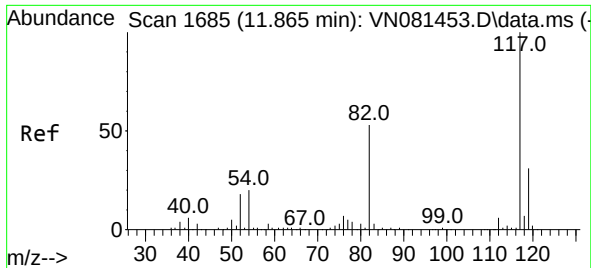
Tgt Ion: 92 Resp: 407963
Ion Ratio Lower Upper
92 100
91 173.1 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 48.253 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Tgt Ion: 95 Resp: 264667
Ion Ratio Lower Upper
95 100
174 73.2 0.0 120.4
176 71.2 0.0 121.0

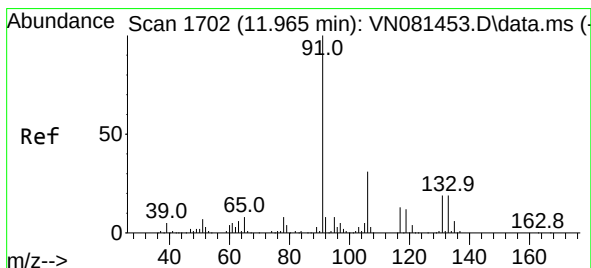
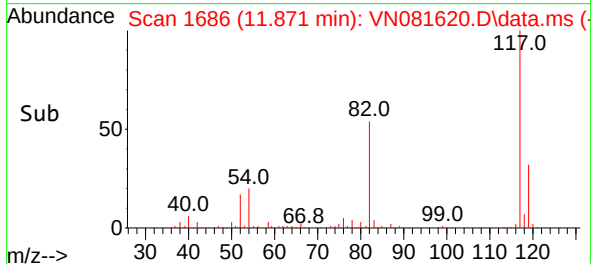
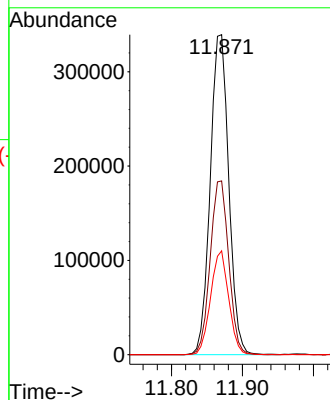
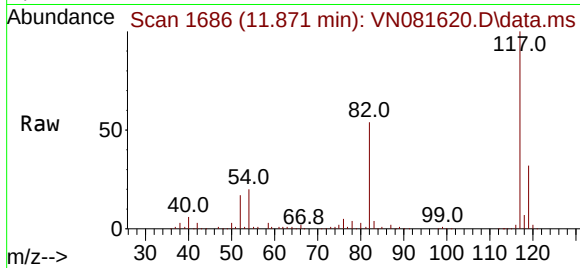




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

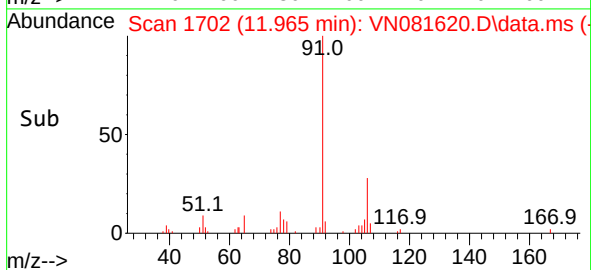
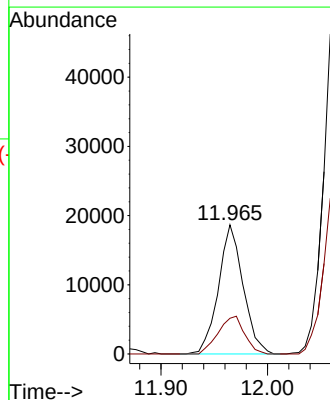
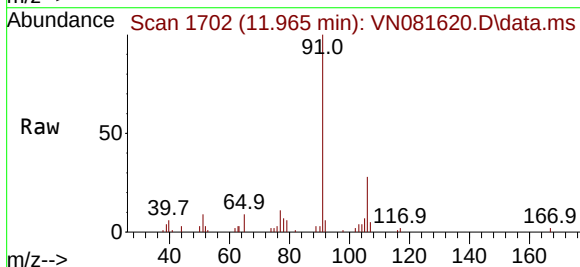
Instrument :
MSVOA_N
ClientSampleId :
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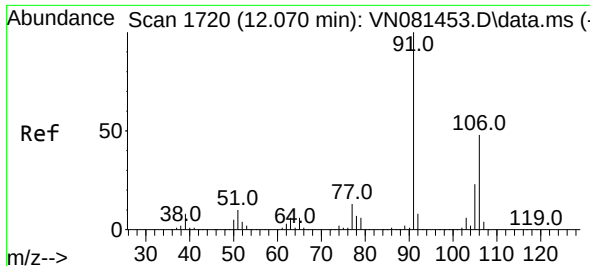
Tgt Ion:117 Resp: 614538
Ion Ratio Lower Upper
117 100
82 54.3 52.7 79.1
119 32.4 25.3 37.9



#67
Ethyl Benzene
Concen: 1.189 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Tgt Ion: 91 Resp: 30003
Ion Ratio Lower Upper
91 100
106 27.7 23.8 35.6

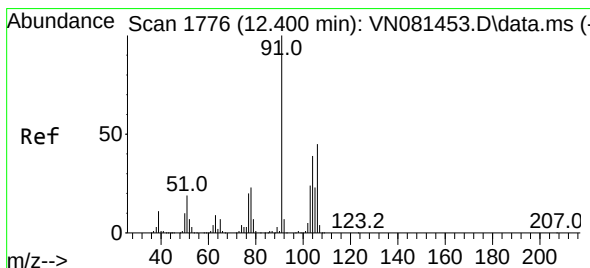
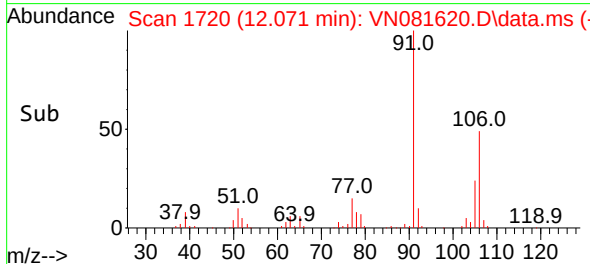
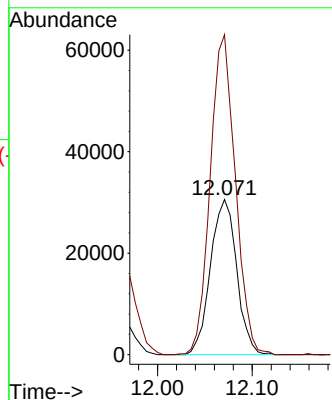
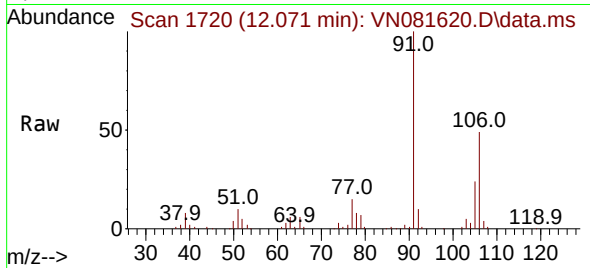




#68
m/p-Xylenes
Concen: 6.225 ug/l
RT: 12.071 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

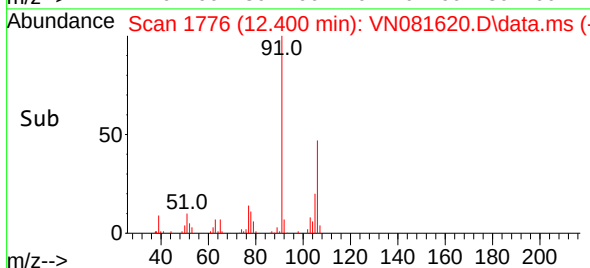
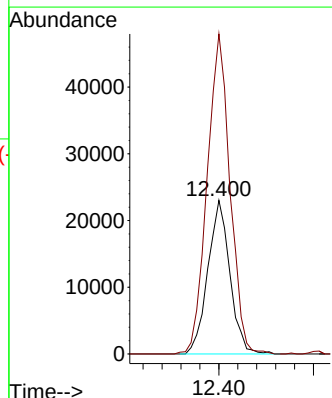
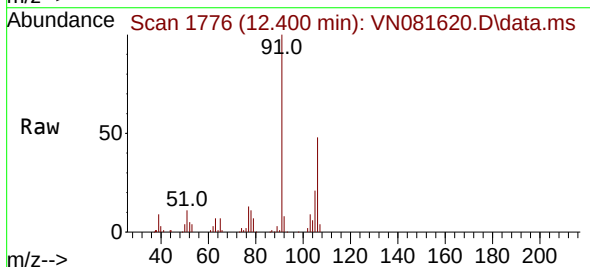
Instrument :
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ClientSampleId :
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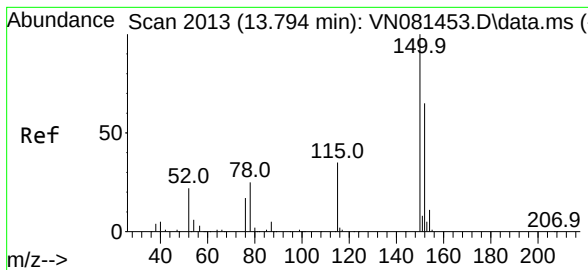
Tgt Ion:106 Resp: 58895
Ion Ratio Lower Upper
106 100
91 197.9 169.0 253.6



#69
o-Xylene
Concen: 4.001 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Tgt Ion:106 Resp: 37159
Ion Ratio Lower Upper
106 100
91 216.1 112.1 336.3

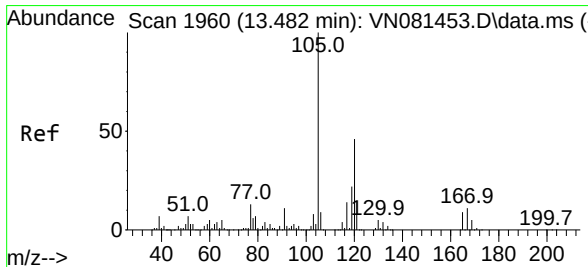
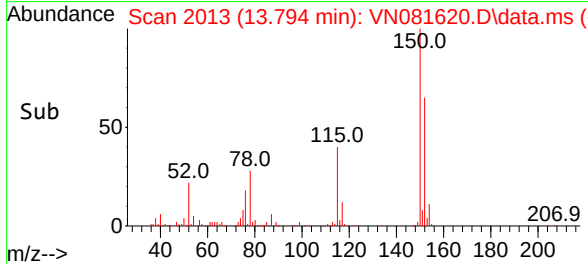
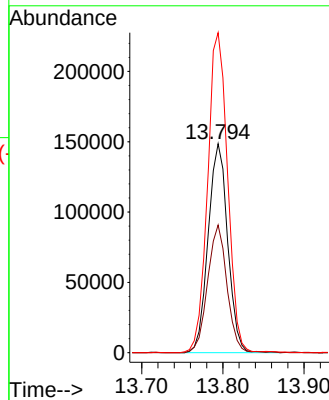
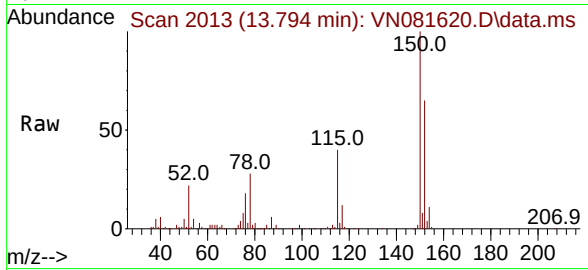




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

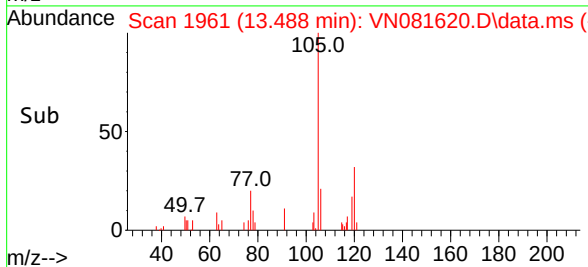
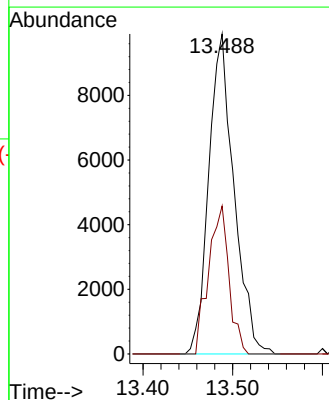
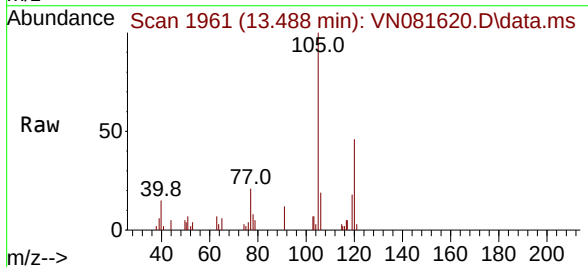
Instrument :
MSVOA_N
ClientSampleId :
S-21

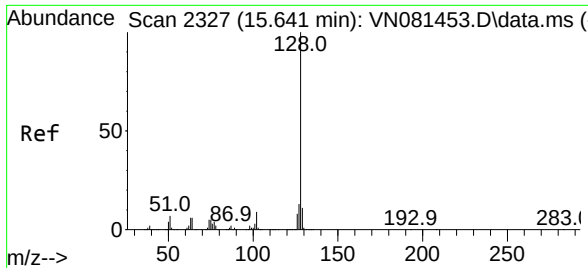
Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	32.3	96.8
150	156.0	0.0	339.8



#84
1,2,4-Trimethylbenzene
Concen: 1.099 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

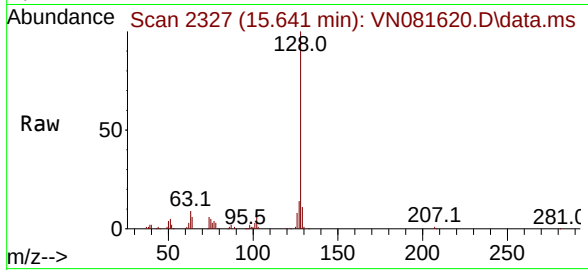
Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.7	20.9	62.7





#95
Naphthalene
Concen: 8.119 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081620.D
Acq: 29 Mar 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	128	Resp:	140589
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.0	15.0
129	11.6	8.7	13.1

