

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091624\
 Data File : VN083917.D
 Acq On : 16 Sep 2024 15:03
 Operator : JC\MD
 Sample : P3936-01
 Misc : 4.11g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Quant Time: Sep 17 02:32:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

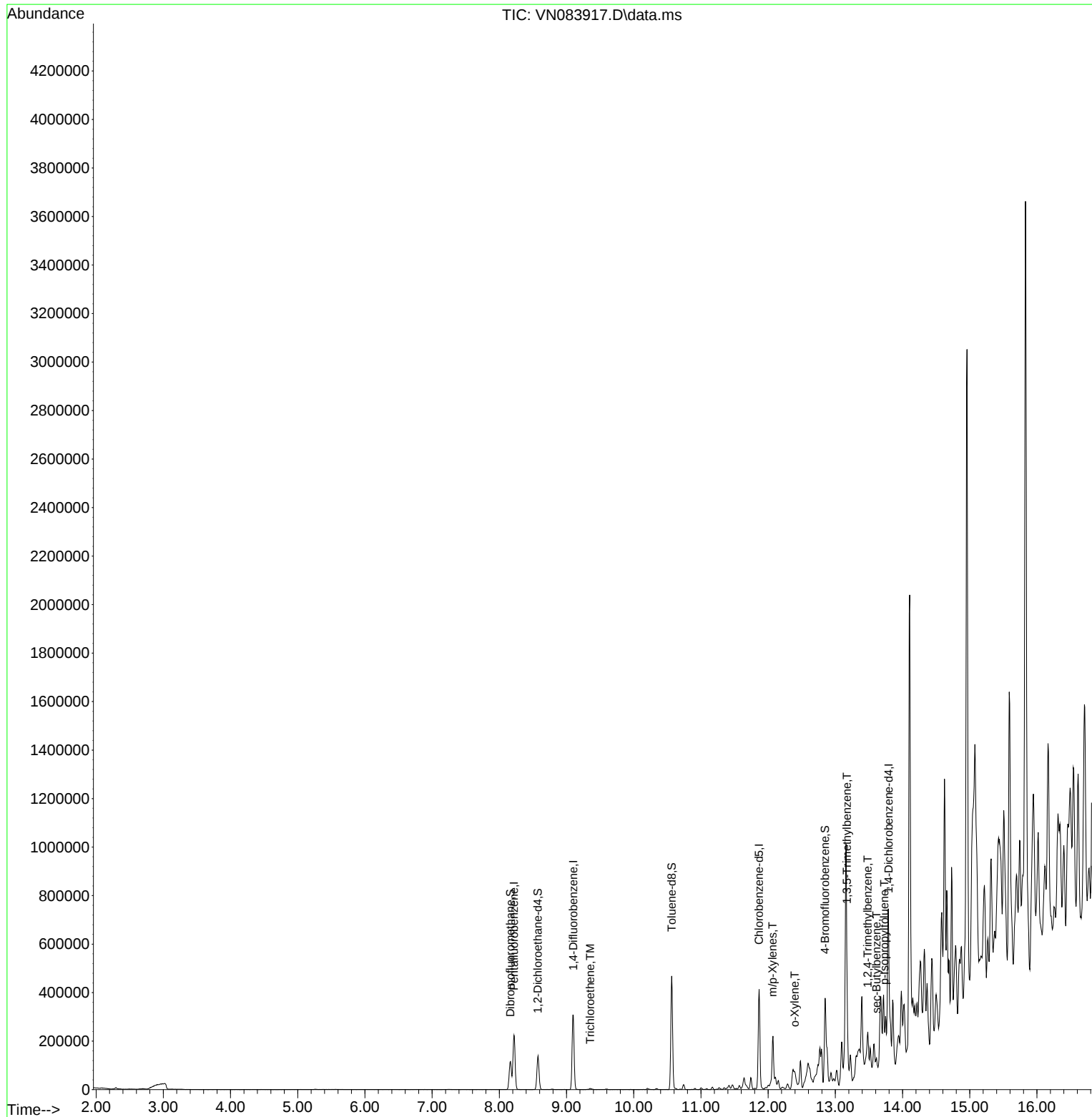
Internal Standards						
1) Pentafluorobenzene	8.218	168	152331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	116034	50.517	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.040%		
35) Dibromofluoromethane	8.165	113	81691	49.709	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.420%		
50) Toluene-d8	10.565	98	304816	53.652	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 107.300%		
62) 4-Bromofluorobenzene	12.847	95	116804	49.832	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.660%		
Target Compounds						
						Qvalue
44) Trichloroethene	9.353	130	1908	1.107	ug/l	98
68) m/p-Xylenes	12.065	106	6901	2.176	ug/l	91
69) o-Xylene	12.394	106	10330	3.365	ug/l	91
80) 1,3,5-Trimethylbenzene	13.171	105	51146	7.280	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	97913	13.875	ug/l	100
85) sec-Butylbenzene	13.612	105	8399	1.030	ug/l	88
86) p-Isopropyltoluene	13.729	119	17921	2.623	ug/l	97

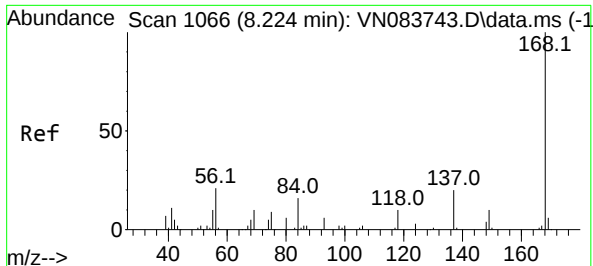
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

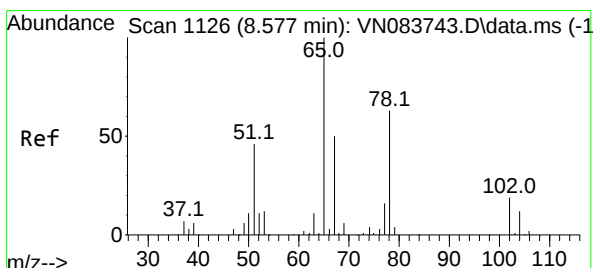
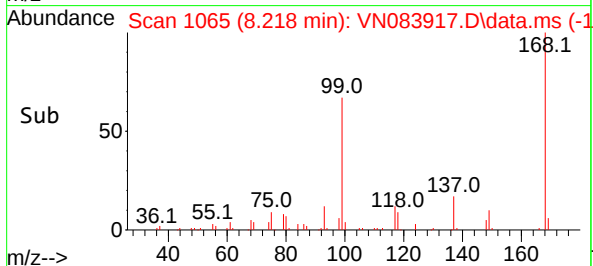
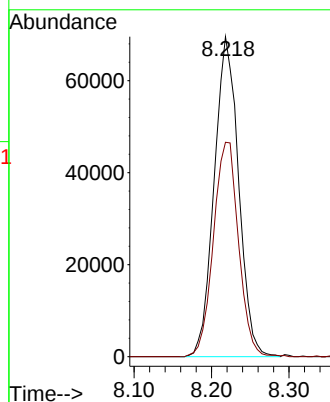
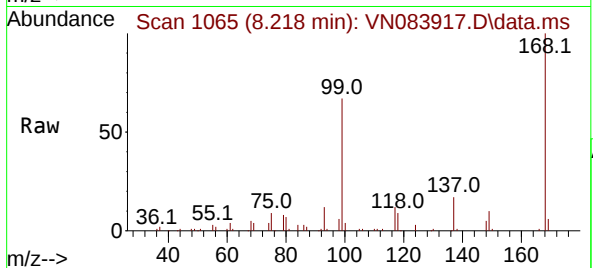




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

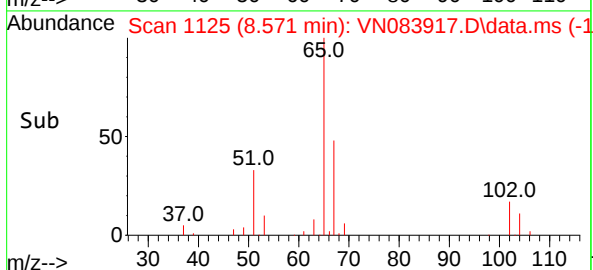
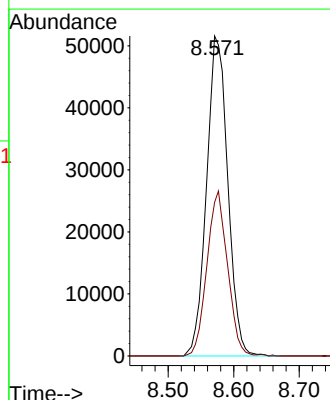
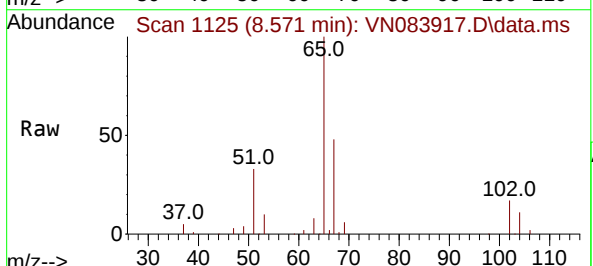
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

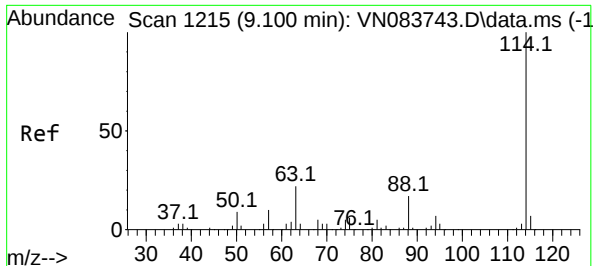
Tgt Ion:168 Resp: 152331
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.517 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion: 65 Resp: 116034
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8

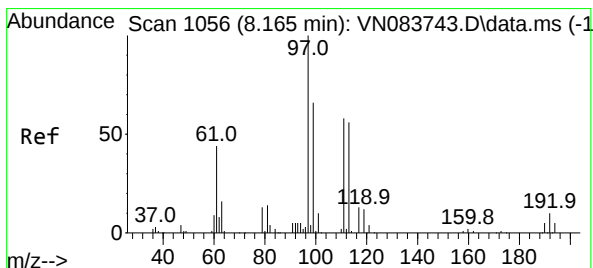
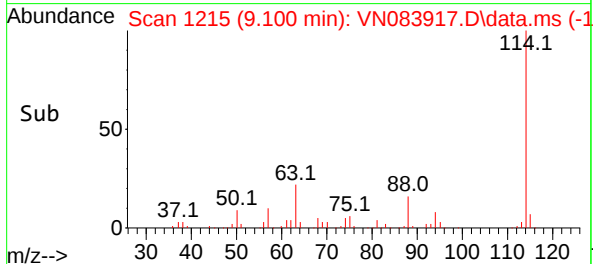
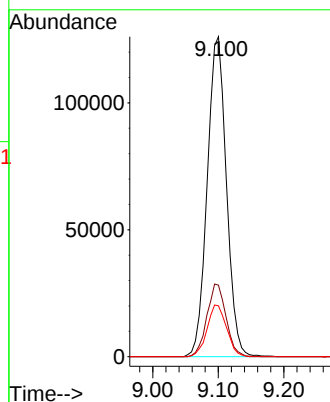
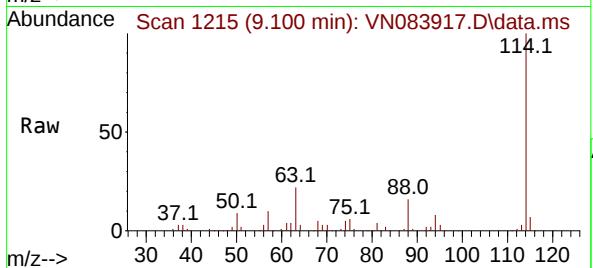




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

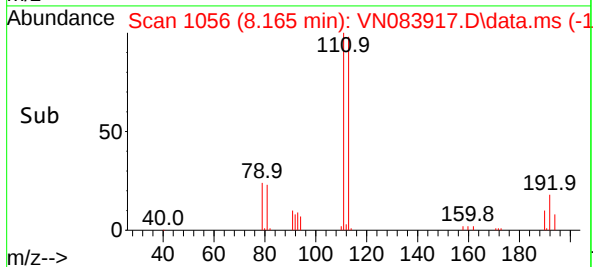
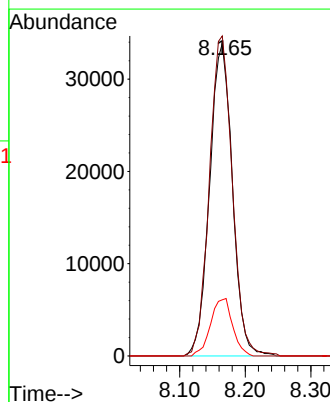
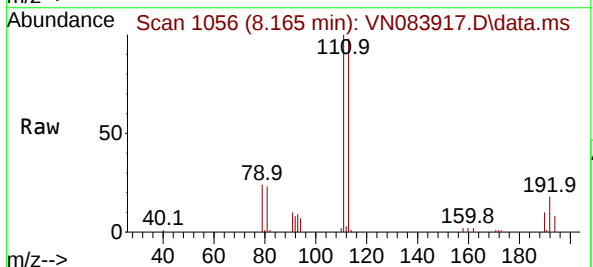
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

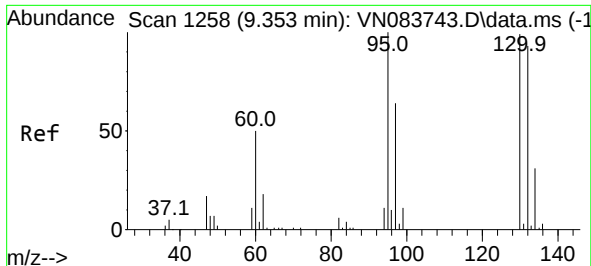
Tgt Ion:114 Resp: 256706
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.4
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.709 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion:113 Resp: 81691
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.7 14.3 21.5

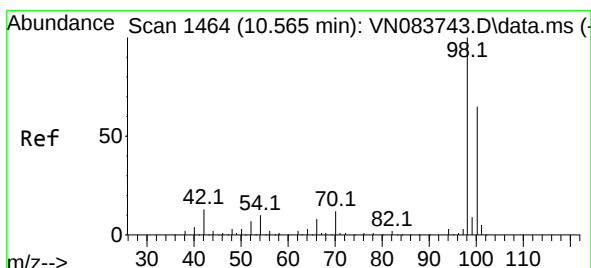
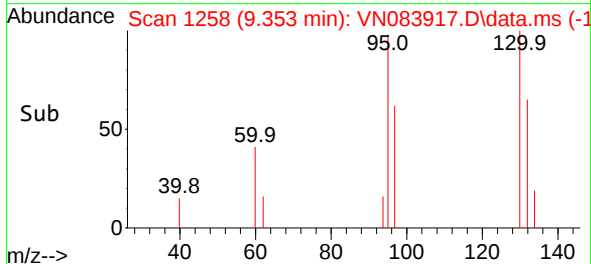
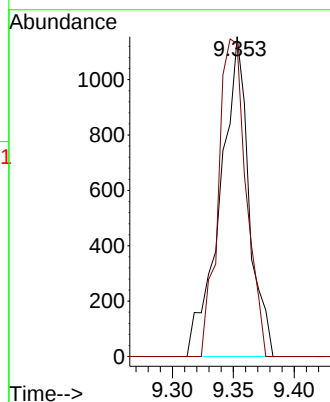
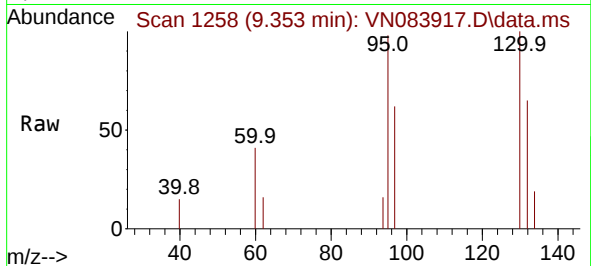




#44
Trichloroethene
Concen: 1.107 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

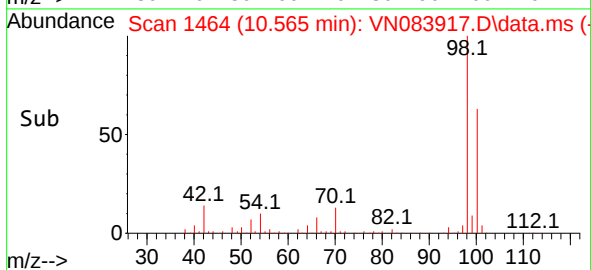
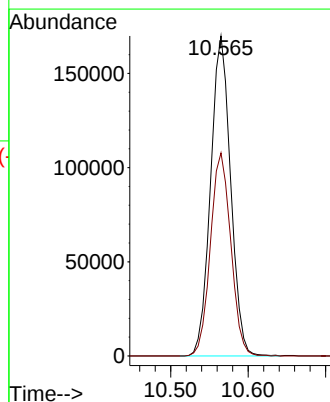
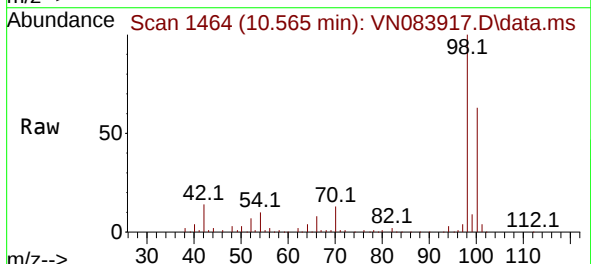
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

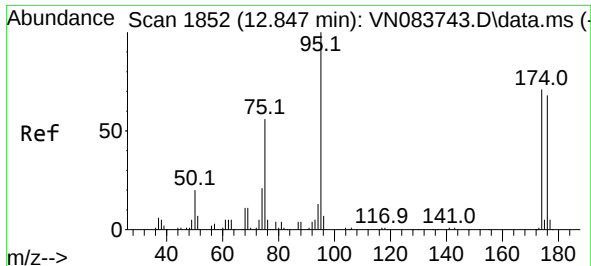
Tgt Ion:130 Resp: 1908
Ion Ratio Lower Upper
130 100
95 97.7 0.0 200.4



#50
Toluene-d8
Concen: 53.652 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion: 98 Resp: 304816
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

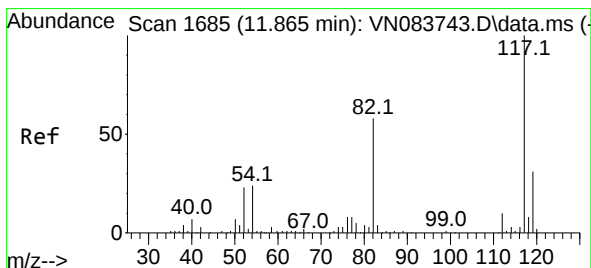
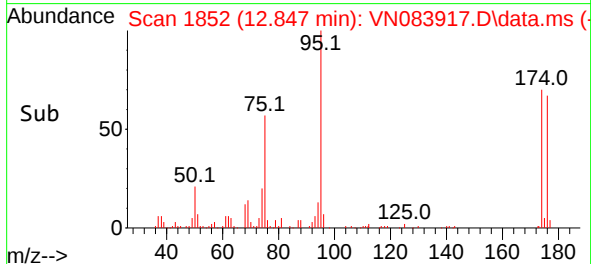
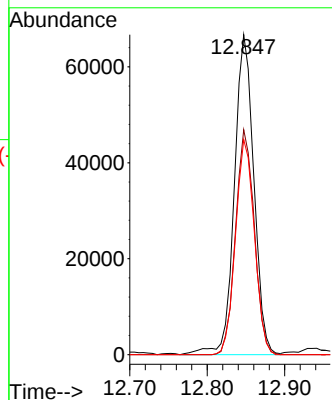
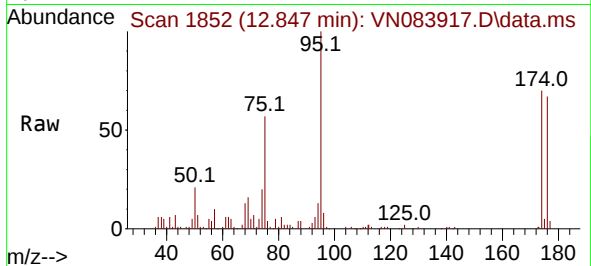




#62
4-Bromofluorobenzene
Concen: 49.832 ug/l
RT: 12.847 min Scan# 116804
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

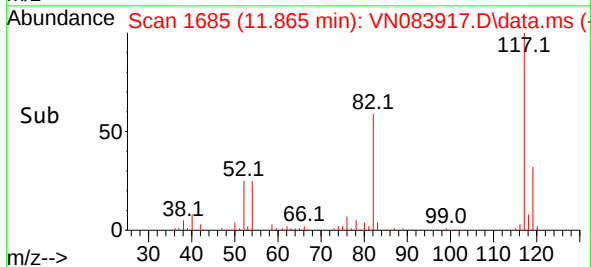
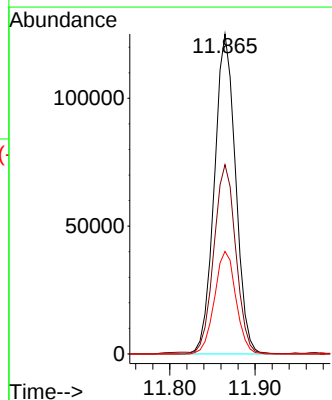
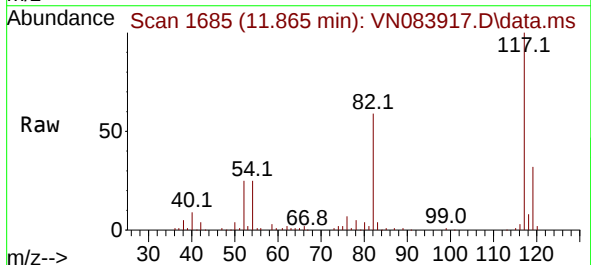
Instrument :
MSVOA_N
ClientSampleId :
DRUM-COMP

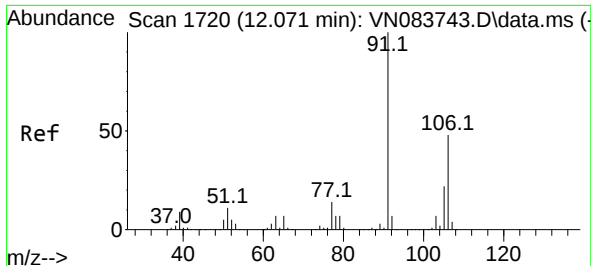
Tgt Ion: 95 Resp: 116804
Ion Ratio Lower Upper
95 100
174 67.5 0.0 139.8
176 65.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion: 117 Resp: 216329
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.0 26.3 39.5

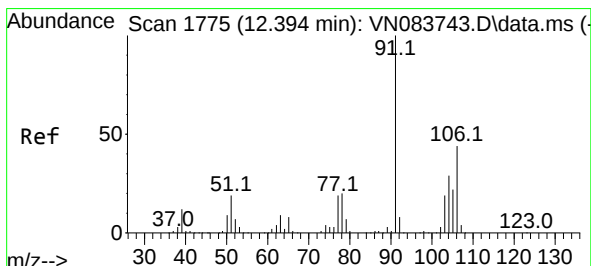
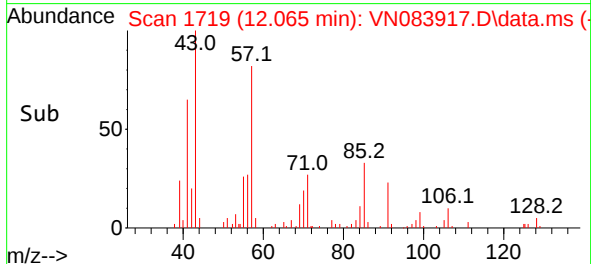
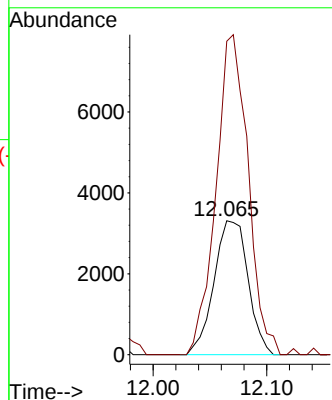
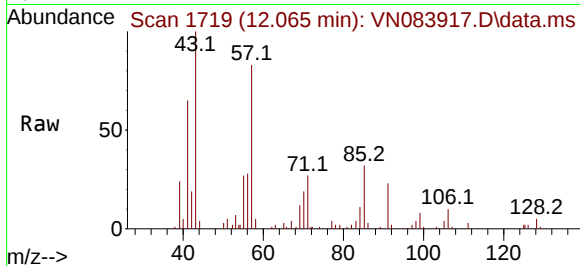




#68
m/p-Xylenes
Concen: 2.176 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

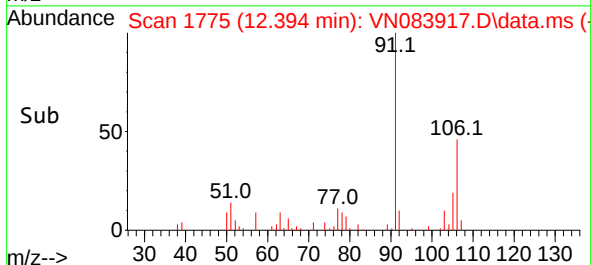
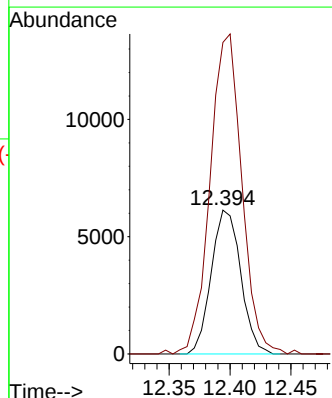
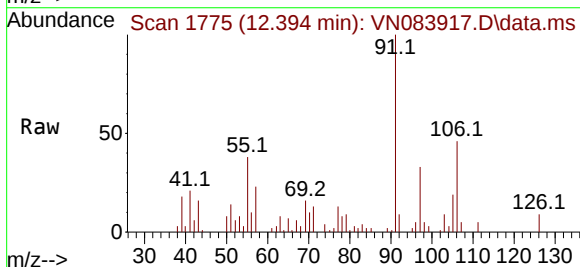
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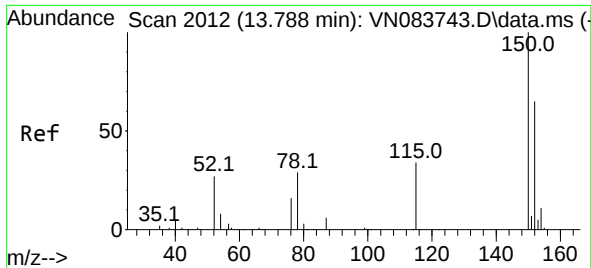
Tgt Ion:106 Resp: 6901
Ion Ratio Lower Upper
106 100
91 225.6 169.2 253.8



#69
o-Xylene
Concen: 3.365 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion:106 Resp: 10330
Ion Ratio Lower Upper
106 100
91 240.1 112.9 338.6

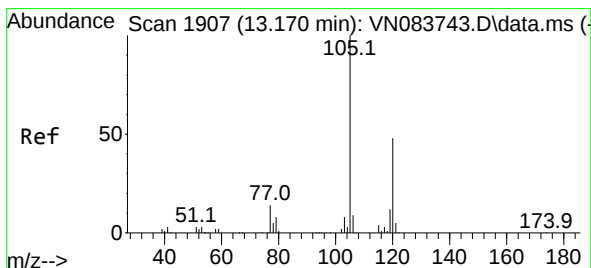
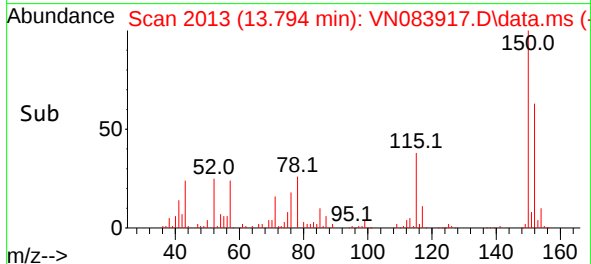
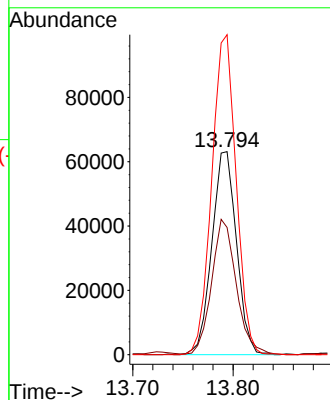
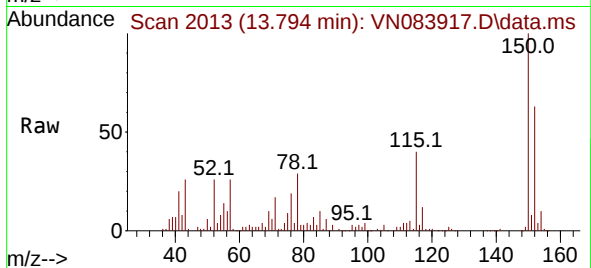




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

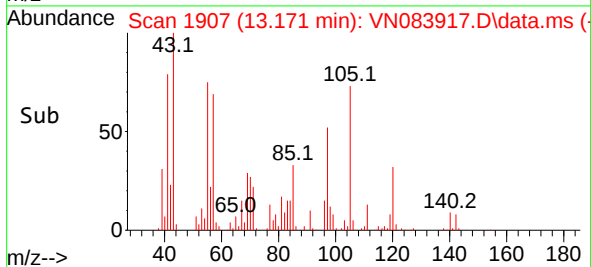
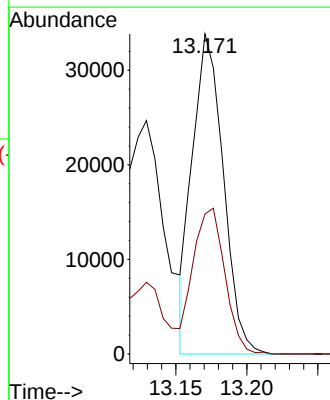
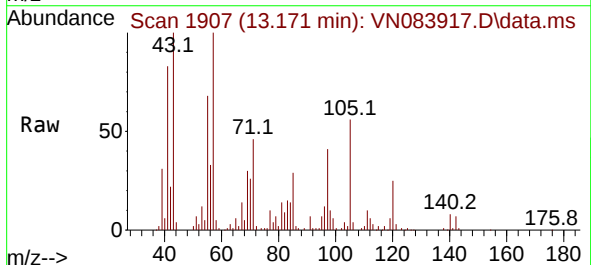
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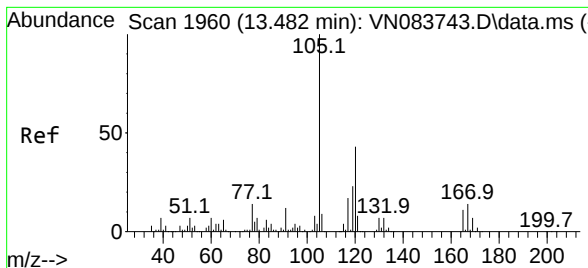
Tgt Ion:152 Resp: 107705
Ion Ratio Lower Upper
152 100
115 66.9 32.2 96.6
150 155.7 0.0 348.6



#80
1,3,5-Trimethylbenzene
Concen: 7.280 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083917.D
Acq: 16 Sep 2024 15:03

Tgt Ion:105 Resp: 51146
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3





#84

1,2,4-Trimethylbenzene

Concen: 13.875 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083917.D

Acq: 16 Sep 2024 15:03

Instrument :

MSVOA_N

ClientSampleId :

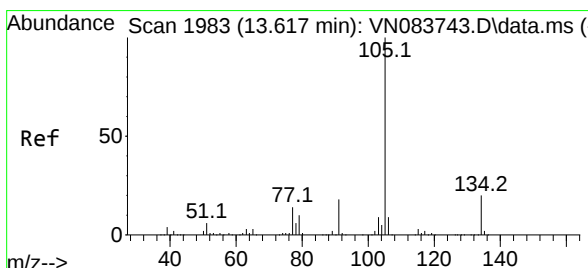
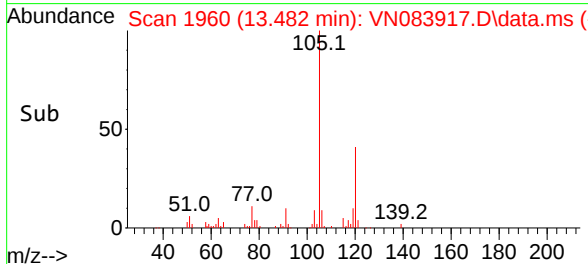
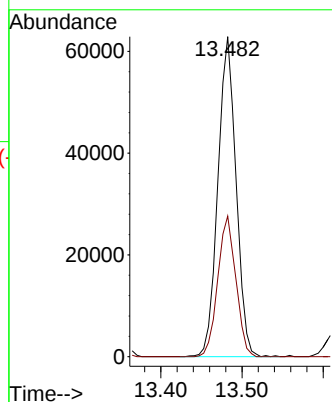
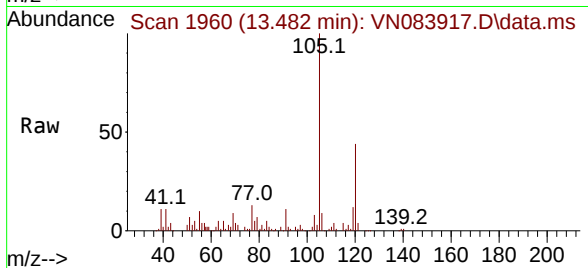
DRUM-COMP

Tgt Ion:105 Resp: 97913

Ion Ratio Lower Upper

105 100

120 43.6 21.8 65.4



#85

sec-Butylbenzene

Concen: 1.030 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN083917.D

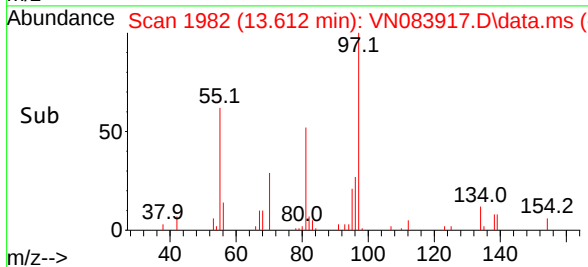
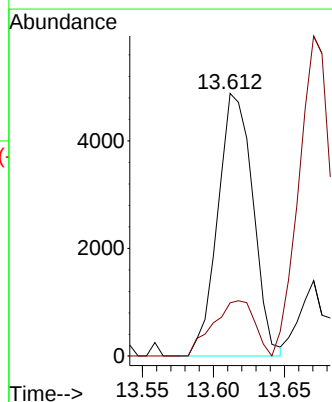
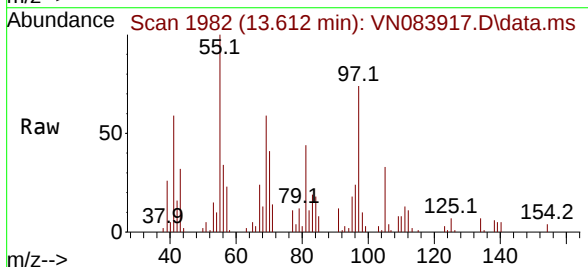
Acq: 16 Sep 2024 15:03

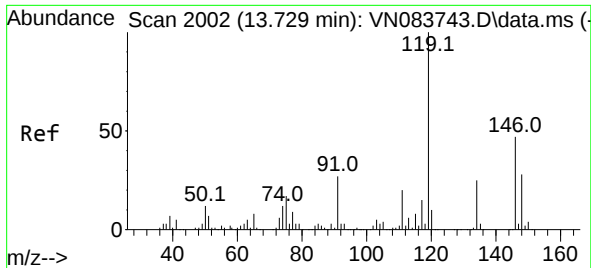
Tgt Ion:105 Resp: 8399

Ion Ratio Lower Upper

105 100

134 24.8 9.7 29.1





#86
 p-Isopropyltoluene
 Concen: 2.623 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083917.D
 Acq: 16 Sep 2024 15:03

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-COMP

Tgt Ion:	119	Resp:	17921
Ion	Ratio	Lower	Upper
119	100		
134	26.6	12.8	38.3
91	27.5	12.9	38.7

